



©signify

Lighting Solutions

Collection 2024

The Signify brands

PHILIPS

interact

Lighting Solutions

Collection 2024

In this catalog, Signify, formerly known as Philips Lighting, presents a wide range of high-quality, energy-efficient LED lighting solutions for professional applications from Philips brand.

The catalog also features our Interact management solutions, designed to help professionals and building owners to further reduce their energy consumption.

Visit www.signify.com to find out more about our company, our brand portfolio, and our CSR and sustainable development policies.

In addition, you'll find our full product range on our website www.mea.lighting.philips.com, and at www.interact-lighting.com you'll find information on our systems for all your project needs, from the simplest lighting to connected lighting solutions, we provide you with advanced services.

This catalog compliments the "Lighting Scale" support.



Signify Middle East Key Brands

Signify presents a wide selection of high-quality, energy-efficient LED lighting solutions designed for professional application. Following are the key brands offered in Middle East market.

PHILIPS

Philips is the leading global brand in professional lighting. Providing high-quality energy efficient lighting solutions, systems, and services.
www.me.lighting.philips.com/home



interact

Our secure, scalable platform dedicated to the Internet of Things and our connected lighting systems. It collects and shares data between sensors and connected devices.
www.interact-lighting.com



COLOR KINETICS

Our Color Kinetics architectural lighting solutions create unique lighting experiences. Color Kinetics is trusted to light the world's most iconic structures and enhances the identity of your buildings and sites.
www.colorkinetics.com



NatureConnect
 by @ignify

NatureConnect from Signify offers an innovative lighting system that mimics natural daylight patterns, to create comfortable, engaging and attractive interior environments.
www.signify.com/NatureConnect



trulifi
 by @ignify

Trulifi is a range of LiFi systems from Signify, providing two-way wireless communication at constant high data rates via light.
www.signify.com/global/innovation/trulifi



LiteMagic

LiteMagic specializes in integrated solution for urban landscape, commercial architectural lighting, cultural tourism lighting, road & bridge lighting with rich experience in lighting projects.
en.litemagic.com



dynalite

Dynalite creates sophisticated, reliable, and energy-efficient lighting control solutions for residential, offices, retail, hospitality, industry, stadiums, public spaces, and more.
www.dynalite.com



MODULAR LIGHTING — INSTRUMENTS

Through innovative technology, Modular Lighting Instruments have been pioneering architectural lighting with an attitude for nearly 35 years.
www.supermodular.com/en/



COOPER
 Lighting Solutions

REVOLVE, a brand from Cooper Lighting Solutions, is developed specifically for the Middle East market. Portfolio is designed to address commercial lighting applications and solar street lighting.
<https://www.cooperlightingme.com/>



Discover the Signify range of products and services tailored to your needs. The chapters are organized by application.

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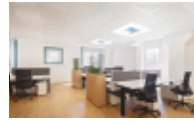
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Retail & Hospitality

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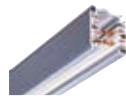
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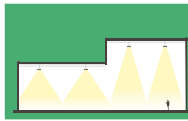


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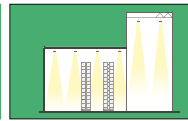
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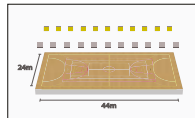
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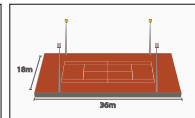
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Signify, the meaning of light

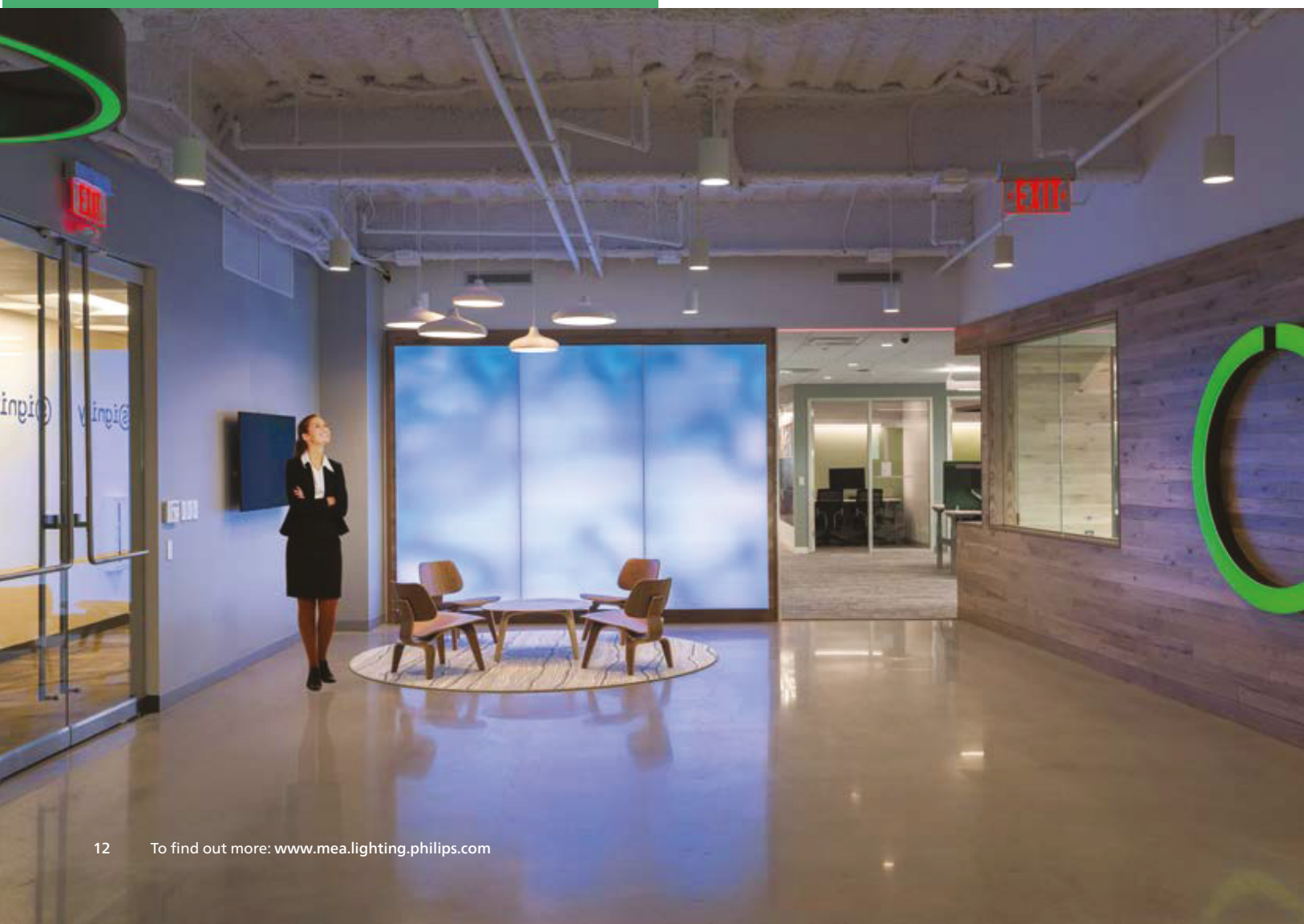
As a global leader in lighting, Signify offers its customers, high-quality, energy-efficient lighting products, systems and services. We transform lighting into data points that connect devices, places, people through light. It's our way of helping to create a more sustainable and safer world.

Our company name reflects the meaning we give to light today. Light is a new intelligent language that builds connections and conveys meaning.

Philips, the global brand for our lamps and luminaires.

Our Philips LED lamps and luminaires are designed, developed, produced and marketed by Signify.

<https://www.signify.com/en-ae>



We aim to accelerate the incredible potential of light for better lives and a better world.

Light, the new intelligent language

Today, light goes beyond the simple function of illumination: our constant innovation propels lighting into the digital age.

Connected light opens up new horizons

Cities are becoming smarter and safer and buildings are more energy-efficient and the in-store customer experience are transformed. It's now possible to guarantee lighting quality while reducing light pollution and energy consumption.

By combining our LED luminaires, LED lamps and Philips sensors with the Interact platform, you can optimize your lighting installations by managing the data collected. This highly secure and scalable cloud-based platform uses the latest generation of data management and processing, including machine learning, to offer you benefits that go far beyond simple lighting.



Discover Global LAC's Outdoor Lighting Application Center on video

Signify in Middle East

- Signify in the Middle East stands as a beacon of innovation and leadership in the realm of lighting solutions, where its impact is pronounced with its innovative lighting solutions playing a crucial role in shaping the region's urban landscape.
- Signify Middle East has significantly left its mark on prestigious projects, contributing to the region's iconic landscapes, landmarks, sports arenas, airports & various retail and prestigious hospitality spaces - reinforcing its unparalleled leadership in every facet of connected lighting in the Middle East region.

Signify, your reference partner

Let's work together to build solutions according to your needs. Signify offers you customized, turnkey product, system and service solutions for visible, measurable and guaranteed results. You will benefit from the knowledge and expertise of a global organization supported by regional teams ready to pay attention to the requirements of the city and building professionals.

No. 1
in conventional,
LED and connected
lighting.

No. 1
in the IoT for lighting.
More than 117 million
points of light.

No. 1
in the Industry's
Dow Jones
Sustainability
Index–RobecoSAM.

Brighter Lives, Better World our sustainability program

Light has an environmental, economic, social and cultural impact

Our aim is to develop solutions that respond to global action on climate, the circular economy, health and well-being, safety and security. As a world leader in lighting, Signify, through its Philips brand of luminaires and sources and its Interact connected platform, is the partner of tomorrow's territories, for a greener, more digital, cleaner and more collaborative future. We provide high-quality, energy-efficient light solutions, where and when it's required. We illuminate your neighborhoods, city centers, monuments and sports centers, respecting not only citizens, but also the biodiversity and ecosystems that make them up, while preserving the night sky. Working together, we'll help you achieve your sustainable development goals. Together, we will create a city and territories that are humane, intelligent, attractive, safe and inclusive, where citizens from different backgrounds and histories will find their place and feel at home.

Our global awards

- ISO14001 certification for our environmental policy, ISO 9001 certification for product quality and ISO 45001 certification for our occupational health and safety initiatives.
- Platinum EcoVadis Medal (Top 1% of the most durable companies in the world)
- List A of the CDP for our climate actions and the Supply Chain
- Industry Leader in the Dow Jones Sustainability Index
- Global Climate Action Award presented by the United Nations Framework Convention on Climate Change (UNFCCC) at COP 26 in Glasgow in 2021

Our results in 2022

100% carbon-neutral for all our operations (scope 1, 2 and partially 3)

99% of our suppliers have passed the audit relating to their sustainable development policy

63,4% sales of climate-friendly products

100% of renewable electricity

99% of production waste recycled

0,16 of work-related accidents and illnesses

7,94 million lives lit

4% of our sales are invested each year in research and development, of which over 80% in sustainable innovation.





Signify's commitment

Quality and performance charter for LED luminaires for indoor lighting

LED solutions are increasingly used for interior lighting in the workplace. To ensure that these installations are carried out to the highest standards and provide a level of quality at least equal to that of traditional technologies in photometric, energy and environmental terms, Signify is committed to:

1. Publish technical data on LED luminaire performance and safety, in accordance with standards, in particular NF EN 60598-1 (2009) Luminaires - Part 1: General requirements and tests, NF EN 62471 (2008) Photobiological safety of lamps and lamp-using equipment and IEC PAS 62722 2-1 Ed.1 (Luminaire performance - Part 2-1: Particular requirements for LED Luminaires) or equivalent standards. This includes:

- Total initial luminous flux emitted by the luminaire, in lumens (lm)
- Luminous efficacy, total flux and total power, in lumens per watt (lm/W)
- Total luminaire power (including auxiliary power supply and integrated control device) in watts (W)
- Service life in hours, associated at least with the parameter Lx (luminous flux maintenance factor) expressing the percentage of luminous flux remaining in relation to the initial luminous flux at the end of the service life. For example, 50,000h L70 means that after 50,000 h, the luminaire still delivers 70% approx of the initial

These values are always given for normal conditions of use and an ambient temperature of 25°C, except for special uses.

Please note that Lx does not take into account:

- The luminaire failure rate (By parameter, currently being standardized)
- The color temperature, in Kelvin (K)
- The color rendering index (CRI or Ra)

2. In projects involving these luminaires, comply with the requirements of the NF EN 12464-1 or equivalent standards for indoor workplace lighting, in particular those relating or equivalent to the following criteria:

- Average illuminance levels to be maintained (Em)
- Corresponding uniformity (Emin/Em)
- Visual comfort (UGR)
- The color temperature, in Kelvin (K)
- The color rendering index (CRI or Ra)

3. Perform calculations taking into account the maintenance factor of the installation and its various components (in particular, the luminous flux depreciation factor of the luminaire at the end of its rated life).

4. Promote solutions combining LED luminaires and lighting management systems (presence detection and daylight-dependent regulation) to improve the project's energy performance. LED luminaires are particularly well-suited to lighting management due to their digital control, they are easily dimmable and can be switched on and off many times without affecting their lifespan.

WEEE Recycling

Recycling

Signify is a founding member of the Récyllum eco-organization, now Ecosystem, responsible for collecting and recycling end-of-life lighting products (fluorescent lamps, discharge lamps, LED lamps, professional luminaires and lighting control systems) within the framework of WEEE (Waste Electrical and Electronic Equipment) regulations.

Under the impetus of manufacturers, Ecosystem has extended its scope of activity to electrical and electronic building equipment (security and regulation), thus offering a simple and efficient outlet for those involved in building dismantling and renovation, with full traceability of flows, from collection from the holder to final processing of the product.

Ecosystem's WEEE Pro channel is organized through partnerships with logistics and processing professionals, offering a flexible, efficient solution for end-of-life electrical product owners.

Tailor-made operations can be developed in partnership with Récyllum for major renovation or deconstruction projects involving commercial or industrial buildings.

For further information:
<https://en.ecosystem.eco>

Financing

In accordance with current regulations, an eco- contribution is applied in addition to the product price on LED lamps, fluorescent lamps and discharge lamps. Professional luminaires and systems include the cost of collection and recycling in the sale price.

Quality policy

Signify is certified to ISO 9001:2015 and has a global quality policy. Signify's quality system is audited and certified by SGS.

Signify is clearly committed to providing maximum customer satisfaction with high- quality products, solutions and services, ensuring sustainable performance of their lighting installation. Signify demands the same commitment from its suppliers to ensure product compliance with specifications, standards and regulations.

Customer feedback is taken into account in the continuous improvement of products, solutions and services, and customer satisfaction is formally measured periodically. Signify employees are trained in the spirit of excellence and encouraged to demonstrate entrepreneurial spirit, a will to win and team spirit.

Signify adheres to the Responsible Business Alliance (RBA) code of conduct to promote fair and sustainable business practices.

Products sold by Signify are covered by a manufacturer's warranty, in accordance with our General Terms and Conditions of Sale in force at the time of purchase, which can also be consulted on our professional price list and website. Signify cannot be held responsible for any malfunctions resulting from modifications made to any of our products without the express agreement of Signify.



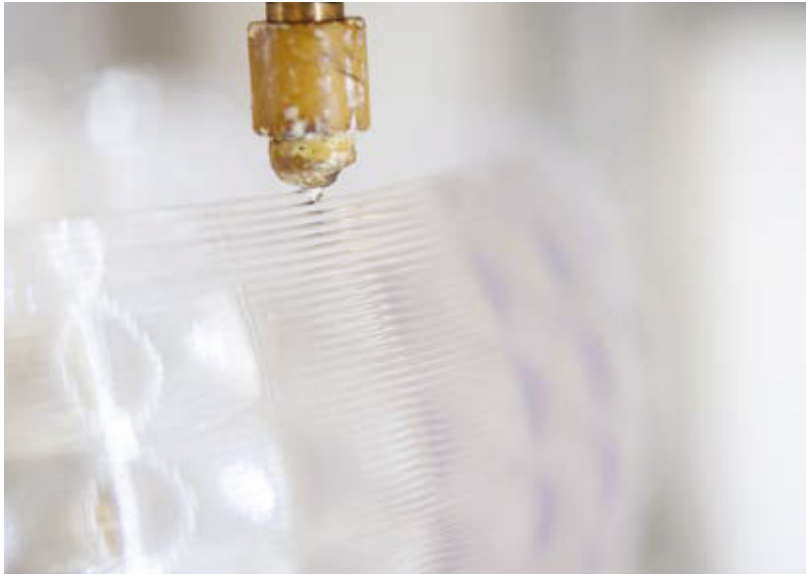
Innovation

An integral part of our DNA

Throughout its history, the company has been at the forefront of many major advances in the field. This tradition continues to guide us. Today, Signify remains the leader in LED lighting innovation and is at the forefront of the industry's transition to systems. We are the leader in connected lighting.

Our cutting-edge technologies and innovations promote a sustainable evolution and help our customers realize their lighting ambitions.





Philips MyCreation Pro, custom 3D-printed luminaires for a circular economy

Signify offers its customers the possibility of designing or adapting their own custom luminaires and printing them on demand. This service saves time, energy and waste in manufacturing, packaging and transport.

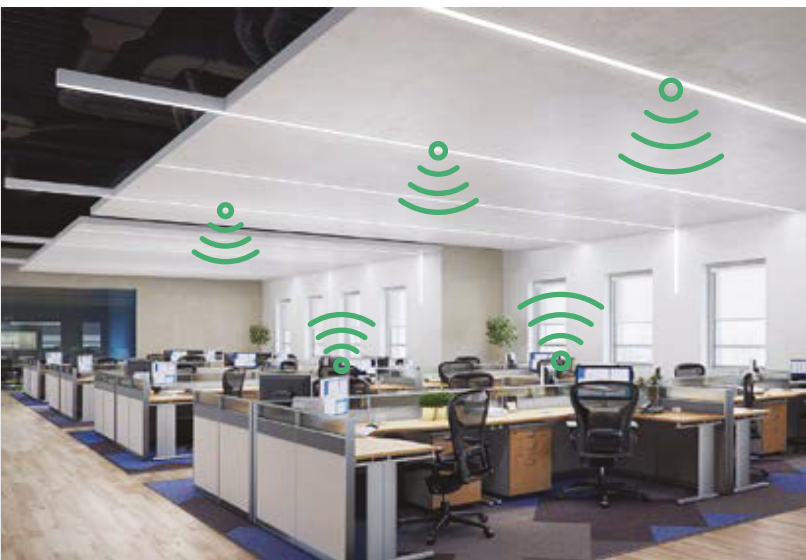
What's more, our luminaires are made from recycled or bio-sourced materials and are recyclable.



Innovation

Hero-efficacy, our efficiency champion luminaires

This new range of luminaires incorporates our most advanced technology to reduce carbon emissions, cut material waste and reduce energy consumption, while guaranteeing powerful, controlled light.



Trulifi, high-speed data transmission through light

In 2018, Signify became the first lighting company to adapt Li-Fi to office luminaires. Our technology makes the difference by providing a stable, high-speed connection via light waves. It is ideal for use in spaces where Wi-Fi cannot be used, or where the wireless connection is of poor quality or non-existent.



Solar luminaires, economical and ecological lighting

The sun is a clean, free and renewable source of energy. Captured, stored and distributed, solar energy powers our luminaires.



117

millions of
connected points

10

iF Design Awards
in 2022

3.9%

of sales reinvested
in R&D in 2022

20 300

patents worldwide



Interact, intelligent, connected lighting in constant innovation

The Interact IoT platform maximizes energy savings thanks to sensors, and shares information and data from LED lighting systems to offer new value-added services.

Nature Connect, light inspired by nature

Signify's NatureConnect lighting solution draws on proven biophilic design principles to reconnect us with the outside world. It mimics natural daylight patterns indoors to create healthy, attractive environments.

Custom projects

Personalizing a reception area, creating a specific atmosphere in an open space, integrating design with interior space, revealing architecture, reinforcing identity, enhancing well-being... the possibilities for lighting are limitless, and "catalog" products don't always offer the ideal solution.

We can adapt our products to your installation constraints while retaining their functionality, to bring you performance and ease of use, or propose a global lighting solution to meet your needs.

From simple adaptation with a derivative from our ranges to the complete development of a lighting solution, we have the ability to provide you with a tailor-made offer.

We play a key role in advising you on the choice of solution, meeting all your aesthetic, technical and emotional requirements. To do this, we give you access to cutting-edge, durable and future-proof technology. Thanks to this partnership, there's an ongoing dialogue between you and our R&D teams, right through to the finalization of your "expression of light".

Let's work together to turn your ideas into reality!





StudyLight

Thanks to a development focused on lighting comfort achieved through asymmetrical optics, StudyLight is ideal for classrooms, offices and open spaces. The StudyLight recessed luminaire diffuses a light that promotes concentration and reduces visual fatigue.



Full Moon

These light-objects with their ethereal design create surprising and effective compositions in space. Available in a range of colors and sizes, they can be adapted to a variety of ceiling heights, offering a host of original possibilities.



Custom Lighting

TrueLine wall light

An extension of the standard TrueLine range, this wall-mounted version offers a direct and indirect beam for flush lighting, ideal for guiding the eye and emphasizing perspectives in passageways and reception areas.



MiniCup

MiniCup is a modular lighting solution developed specifically for workspaces. Its optical design maintains a dynamic lighting atmosphere without glare.



SmartFit

SmartFit is a solution designed for outdoor spaces. This recessed luminaire is developed around microlenses that combine luminous performance and visual comfort.



Sharp

Available in cylindrical or conical form, and also in a variety of colors, this warm, decorative suspension luminaire has been designed to enhance reception areas such as lobbies, atriums or catering areas.

interact

Easy access to connected lighting



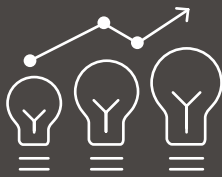
More information in video

Connected lighting enables small and medium-sized businesses to create safer, more comfortable working environments. It also boosts productivity and energy savings to help achieve sustainable development goals.

To facilitate access to intelligent lighting, we present the scalable Interact Pro platform. It's a simple, cost-effective wireless solution for all types of application.

The Interact Pro platform is compatible with a wide range of Philips Interact ready lamps and luminaires.

Intelligent



A flexible 3-level system. A solution for every need!

Simple

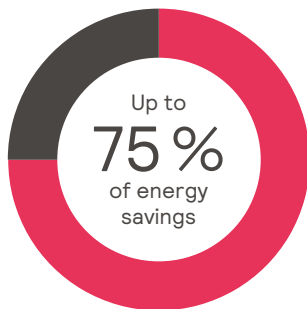


A luminaire or a lamp + a sensor and/or a switch + an app: that's all you need to get started!

Scalable

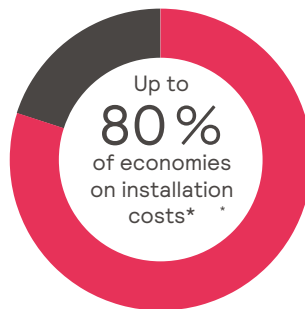


Easily upgrade to more functionality at any time!



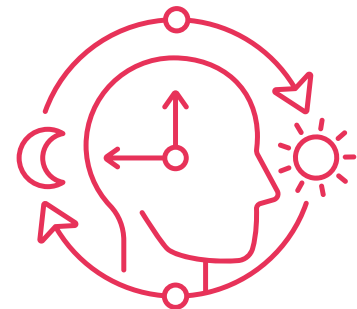
Maximize energy savings

by switching to LEDs and adding presence and brightness detection.



Save on maintenance and installation

the long service life of LED Signify solutions, and installation costs that are lower than for a DALI solution, which requires more time and materials.



Create a pleasant, safe environment conducive to productivity

by setting lighting levels and adapting color temperatures to circadian rhythms.

Quick and easy installation

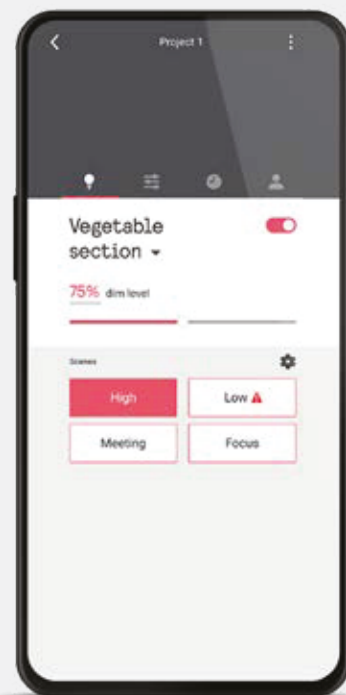
- Simplified commissioning thanks to wireless technology: zoning and system settings via Bluetooth using the intuitive Interact Pro application.
- Less wiring for faster installation: Interact ready luminaires are wired as "Phase-Earth-Neutral".
- Flexibility in network architecture (addition of sensors, etc.). Subsequent addition of sensor-type devices is simplified thanks to wireless

	DALI	Interact
Luminaire installation time	7 min per luminaire	5 min per luminaire
Programming time	5 min per luminaire	2 min per luminaire
Complexity	high	low



3 steps to a successful lighting installation

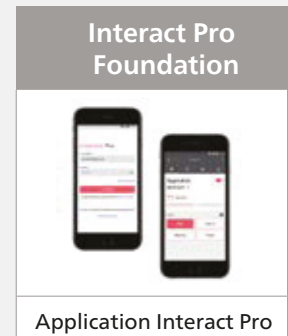
1. Install your Interact Ready lighting, sensors and switches
2. Download the free Interact Pro application
3. Connect your lighting and controls to the Interact Pro application and configure your lighting groups and zones (or scenes).



3 levels, to evolve with your company's needs

Level 1: Interact Pro Foundation

- Install and connect intelligent luminaires.
- Add presence and brightness sensors and/or Interact ready wireless switches to the installation, if required.
- Set parameters via Bluetooth with the intuitive Interact Pro application.
- Luminaires, sensors and switches then communicate with each other via Zigbee.
- Benefit from automated, optimized lighting management without the complexity of commissioning: simple installation with no additional wiring.



Level 2: Interact Advanced

- Simply add a gateway and benefit from the advantages of the cloud.
- Create scenarios and control your lighting via your smartphone.
- Remote access to real-time lighting monitoring to monitor and adapt your energy consumption.
- Access dashboards containing information on the life and health of your installation, for effective preventive maintenance.



Level 3: Interact Enterprise

This level requires specific training



Overview of functions

	Interact Pro Foundation	Interact Pro Advanced	Interact Pro Enterprise
Control via sensors/switches	✓	✓	✓
Scenarios	✓	✓	✓
Owner control	✓	✓	✓
User control		✓	✓
Calendar programming		✓	✓
Energy consumption report		✓	✓
Remote control		✓	✓
System updates and new features		✓	✓
Multi-site dashboards for energy and occupancy data			✓
Web-based space management application			✓
Mobile productivity application			✓
Integration with building BMS			✓



Choose your Interact Ready luminaires

Designation	System flux (lm)	System power (W)	CRI	Color Temperature (K)	UGR	IP/IK	Service life
Industries and parking lots							
Industrial fittings							
GentleSpace gen3							
BY480X LED130S/840 SIA HE WB GC SI H4	13 000	75	80	4000	UGR 25	IP65 & IK02	100 000h L85
BY480X LED130S/840 SIA WB GC SI H4	13 000	84	80	4000	UGR 25	IP65 & IK02	100 000h L80
BY480X LED170S/840 SIA HE MB GC SI H4	17 000	98	80	4000	UGR 22	IP65 & IK02	100 000h L85
BY480X LED170S/840 SIA HE WB GC SI H4	17 000	98	80	4000	UGR 25	IP65 & IK02	100 000h L85
BY480X LED170S/840 SIA WB GC SI H4	17 000	120	80	4000	UGR 25	IP65 & IK02	100 000h L80
BY481X LED250S/840 SIA HE MB GC SI H4	25 000	144	80	4000	UGR 25	IP65 & IK02	100 000h L85
BY481X LED250S/840 SIA HE WB GC SI H4	25 000	144	80	4000	UGR 25	IP65 & IK02	100 000h L85
BY481X LED250S/840 SIA WB GC SI H4	25 000	162	80	4000	UGR 25	IP65 & IK02	100 000h L80
BY481X LED350S/840 SIA HE MB GC SI H4	32 500	206	80	4000	UGR 25	IP65 & IK02	100 000h L85
BY481X LED350S/840 SIA HE WB GC SI H4	32 500	206	80	4000	UGR 25	IP65 & IK02	100 000h L85
BY481X LED350S/840 SIA WB GC SI H4	35 000	232	80	4000	UGR 25	IP65 & IK02	100 000h L80
CoreLine Mounting gen5							
BY122X G5 LED105S/840 SIA NB H4	10 500	72	80	4000	UGR 22	IP65 & IK05	50 000h L85
BY122X G5 LED105S/840 SIA WB H4	10 500	72	80	4000	UGR 25	IP65 & IK05	50 000h L85
BY122X G5 LED200S/840 SIA NB H4	20 000	133	80	4000	UGR 22	IP65 & IK05	50 000h L85
BY122X G5 LED200S/840 SIA WB H4	20 000	133	80	4000	UGR 25	IP65 & IK05	50 000h L85
BY122X G5 LED250S/840 SIA NB H4	25 000	166	80	4000	UGR 22	IP65 & IK05	50 000h L85
BY122X G5 LED250S/840 SIA WB H4	25 000	166	80	4000	UGR 25	IP65 & IK05	50 000h L85
BY122X G5 LED300S/840 SIA NB H4	30 000	203	80	4000	UGR 22	IP65 & IK05	50 000h L85
BY122X G5 LED300S/840 SIA WB H4	30 000	203	80	4000	UGR 25	IP65 & IK05	50 000h L85
Waterproof							
Pacific Led gen5							
WT475C 107S/840 SIA WB IA9 L1800	10 700	82	80	4000	UGR 22	IP66 & IK08	50 000h L90
WT475C 72S/840 SIA WB IA9 L1200	7 200	54	80	4000	UGR 22	IP66 & IK08	50 000h L90
WT490C 64S/840 SIA WB IA9 PI5 L1200	6 400	40	80	4000	UGR 22	IP66 & IK08	100 000h L90
WT490C 80S/840 SIA WB IA9 PI5 L1200	8 000	51	80	4000	UGR 22	IP66 & IK08	100 000h L90
WT490C 80S/840 SIA WB IA9 PI5 L1800	8 000	48,5	80	4000	UGR 22	IP66 & IK08	100 000h L90
CoreLine Waterproof gen2							
WT120C G2 LED40S/840 WIA L1200	4 000	26	80	4000	UGR 25	IP65 & IK08	50 000h L80
WT120C G2 LED40S/840 WIA TW3 L1200	4 000	26	80	4000	UGR 25	IP65 & IK08	50 000h L80
WT120C G2 LED65S/840 WIA L1500	6 500	45,5	80	4000	UGR 25	IP65 & IK08	50 000h L80
WT120C G2 LED65S/840 WIA TW3 L1500	6 500	45,5	80	4000	UGR 25	IP65 & IK08	50 000h L80
WT120C G2 LED80S/840 WIA L1500	8 000	61	80	4000	UGR 25	IP65 & IK08	50 000h L80
Light path rail system							
CoreLine Rail System gen2							
LL217X 80S/840 1x SIA WB 7x1.5 HE	8 000	48,5	80	4000	UGR 22	IP20 & IK02	50 000 h L85
LL234X 160S/840 1x SIA NB 7x1.5 HE	16 000	97	80	4000	UGR 19	IP20 & IK02	50 000 h L85
LL234X 160S/840 1x SIA WB 7x1.5 HE	16 000	97	80	4000	UGR 22	IP20 & IK02	50 000 h L85
Battens							
CoreLine Battens gen3+							
BN126C LED41S/840 WIA L1200	4 100	34	80	4000	UGR 26	IP20 & IK04	50 000h L80
BN126C LED60S/830 WIA L1200	6 000	54	80	3000	UGR 26	IP20 & IK04	50 000h L80
BN126C LED64S/840 WIA L1200	6 400	54	80	4000	UGR 26	IP20 & IK04	50 000h L80
BN126C LED52S/840 WIA L1500	5 200	37	80	4000	UGR 26	IP20 & IK04	50 000h L80
BN126C LED74S/830 WIA L1500	7 400	64	80	3000	UGR 26	IP20 & IK04	50 000h L80
BN126C LED80S/840 WIA L1500	8 000	64	80	4000	UGR 26	IP20 & IK04	50 000h L80
Commercial							
Ceiling Lights							
TrueLine Surface-mounted and Suspended							
SM530C LED40S/940 SRD U4 PI3 L1170 ALU	4 000	28,5	90	4000	UGR 19	IP20 & IK02	50 000h L85
SM530C LED31S/940 SRD U4 PI3 L1450 ALU	3 100	21,5	90	4000	UGR 19	IP20 & IK02	50 000h L85
SM530C LED34S/930 SRD U4 PI3 L1170 ALU	3 400	25,5	90	3000	UGR 19	IP20 & IK02	50 000h L85
SM530C LED43S/940 SRD U4 PI3 L1450 ALU	4 300	30,5	90	4000	UGR 19	IP20 & IK02	50 000h L85
SM530C LED43S/TW9 SIA U4 L1450 ALU	4 300	35,5	90	2700-6500	UGR 19	IP20 & IK02	50 000h L85
SM530C LED50S/940 SRD U4 PI3 L2290 BK	5 000	35,5	90	4000	UGR 19	IP20 & IK02	50 000h L85
SM530C LED86S/940 SRD U4LF1 PI3 L2850ALU	8 600	61	90	4000	UGR 19	IP20 & IK02	50 000h L85
FlexBlend S&S							
SM340C 35S/940 SRD PCS U4 L150 WH	3 500	24,5	90	4000	UGR 19	IP20 & IK02	50 000h L90
SM340C 36S/940 SRD PCS U4 L120 WH	3 600	31	90	4000	UGR 19	IP20 & IK02	50 000h L90
SM340C 42S/940 SRD PCS U4 L120 WH	4 200	35,5	90	4000	UGR 19	IP20 & IK02	50 000h L90
SM340C 45S/940 SRD MLO U4 L150 WH	4 500	38	90	4000	UGR 19	IP20 & IK02	50 000h L90

Designation	System flux (lm)	System power (W)	CRI	Color Temperature (K)	UGR	IP/IK	Service life
SM340C 45S/940 SRD PCS U4 L150 WH	4 500	36	90	4000	UGR 19	IP20 & IK02	50 000h L90
SM340C 52S/940 SRD PCS U4 L150 WH	5 200	43	90	4000	UGR 19	IP20 & IK02	50 000h L90
KeyLine Ceiling Light					#N/A	#N/A	
SM350C 27S/840 WIA PCS L1200 ALU	2 700	20	80	4000	UGR 19	IP20 & IK02	50 000h L90
SM350C 27S/840 WIA PCS L1200 WH	2 700	20	80	4000	UGR 19	IP20 & IK02	50 000h L90
SM350C 27S/840 WIA PCS L1200 BK	2 700	20	80	4000	UGR 19	IP20 & IK02	50 000h L90
SM350C 40S/840 WIA PCS L1200 ALU	4 000	30	80	4000	UGR 19	IP20 & IK02	50 000h L90
SM350C 40S/840 WIA PCS L1200 WH	4 000	30	80	4000	UGR 19	IP20 & IK02	50 000h L90
SM350C 40S/840 WIA PCS L1200 BK	4 000	30	80	4000	UGR 19	IP20 & IK02	50 000h L90
CoreLine Ceiling gen3							
SM136V 40S/830 WIA W20L120 OC	4 000	31	80	3000	UGR 19	IP20/44 & IK02	50 000h L85
SM136V 40S/830 WIA W20L150 OC	4 000	31	80	3000	UGR 19	IP20/44 & IK02	50 000h L85
SM136V 43S/840 WIA W20L120 OC	4 300	31	80	4000	UGR 19	IP20/44 & IK02	50 000h L85
SM136V 43S/840 WIA W20L150 OC	4 300	31	80	4000	UGR 19	IP20/44 & IK02	50 000h L85
Suspension							
TrueLine Surface-mounted and Suspended							
SP532P LED47S/940 SRD U4 PI3 SM2L1450ALU	4 700	34	90	4000	UGR 16	IP20 & IK02	50 000h L85
SP532P LED66S/940 SRD U4 PI3 SM2L1450ALU	6 600	47,5	90	4000	UGR 16	IP20 & IK02	50 000h L85
SP532P LED66S/TW9 SIA PI3 U4 L1450 BK	6 600	57	90	2700-6500	UGR 16	IP20 & IK02	50 000h L85
SP532P LED98S/940 SRD U4 PI5 SM2L2290 BK	9 800	71	90	4000	UGR 16	IP20 & IK02	50 000h L85
SP530P LED40S/940 SRD U4 PI3 SM2L1170ALU	4 000	28	90	4000	UGR 19	IP20 & IK02	50 000h L85
SP530P LED50S/940 SRD U4 PI5 SM2L2290 BK	5 000	36	90	4000	UGR 19	IP20 & IK02	50 000h L85
SP530P LED50S/TW9 SIA SM2 U4 L2290 ALU	5 000	40	90	2700-6500	UGR 19	IP20 & IK02	50 000h L85
SP530P LED62S/940 SRD U4 PI5 SM2L2850 BK	6 200	44	90	4000	UGR 19	IP20 & IK02	50 000h L85
SP530P LED86S/TW9 SIA SM2 U4 L2850 ALU	8 600	71	90	2700-6500	UGR 19	IP20 & IK02	50 000h L85
FlexBlend S&S							
SP340P 35S/940 SRD MLO U4 SMT L150 WH							
SP340P 36S/940 SRD MLO U4 SMT L120 WH	3 600	32,5	90	4000	UGR 19	IP20 & IK02	50 000h L90
SP340P 36S/940 SRD PCS U4 SMT L120 WH	3 600	27	90	4000	UGR 19	IP20 & IK02	50 000h L90
SP340P 40S/940 SRD MLO U4 SMT L120 WH	4 000	39,5	90	4000	UGR 19	IP20 & IK02	50 000h L90
SP340P 42S/930 SRD PCS U4 SMT L120 WH	4 200	31,5	90	3000	UGR 19	IP20 & IK02	50 000h L90
SP340P 42S/940 SRD PCS U4 SMT L120 WH	4 200	31,5	90	4000	UGR 19	IP20 & IK02	50 000h L90
SP342P 45S/930 SRD MLO U4 SMT L150 WH	4 500	48	90	3000	UGR 19	IP20 & IK02	50 000h L90
SP342P 45S/940 SRD MLO U4 SMT L150 WH	4 500	42,5	90	4000	UGR 19	IP20 & IK02	50 000h L90
SP342P 45S/940 SRD PCS U4 SMT L150 WH	4 500	35	90	4000	UGR 19	IP20 & IK02	50 000h L90
SP342P 60S/940 SRD PCS U4 SMT L150 WH	6 000	46,5	90	4000	UGR 19	IP20 & IK02	50 000h L90
Functional recessed							
TrueLine Recessed							
RC530B LED34S/TW9 SIA W8L120 VPC U4 PI3	3 400	27,5	90	2700-6500	UGR 19	IP20 & IK02	50 000h L85
RC530B LED43S/TW9 SIA W8L145 PCV U4 PI3	4 300	35,5	90	2700-6500	UGR 19	IP20 & IK02	50 000h L85
RC530B LED43S/TW9 SIA W8L145PCV U4 PI3SC	4 300	35,5	90	2700-6500	UGR 19	IP20 & IK02	50 000h L85
RC530B LED43S/TW9 SIA W8L145VPC U4 PI3SC	4 300	35,5	90	2700-6500	UGR 19	IP20 & IK02	50 000h L85
RC531B LED25S/TW9 SIA W8L120 VPC U4 PI3	2 500	27	90	2700-6500	UGR 28	IP20 & IK02	50 000h L85
PowerBalance Recessed							
RC360B LED34S/930 SRD W60L60 VPC U4PIPSC	3 400	28	90	3000	UGR 16	IP20 & IK02	50 000h L90
RC360B LED34S/940 SRD W30L120VPCIA4PIPSC	3 400	26	90	4000	UGR 16	IP20 & IK02	50 000h L90
RC360B LED34S/940 SRD W60L60 VPC U4 W SC	3 400	26	90	4000	UGR 16	IP20 & IK02	50 000h L90
RC360B LED34S/940 SRD W60L60 VPC U4PIPSC	3 400	26	90	4000	UGR 16	IP20 & IK02	50 000h L90
RC461B 80S/TW9 SIA W30L120 VPC IA4 PIPSC	8 000	64	90	2700-6500	UGR 19	IP20 & IK02	50 000h L90
RC461B 80S/TW9 SIA W60L60 VPC U4 PIP SC	8 000	64	90	2700-6500	UGR 19	IP20 & IK02	50 000h L90
RC461B 80S/TWB U SIA W30L120 VPC IA4PIPSC	8 000	64	90	2700-6500	UGR 19	IP20 & IK02	50 000h L90
RC461B 80S/TWB U SIA W60L60 VPC U4 PIP SC	8 000	64	90	2700-6500	UGR 19	IP20 & IK02	50 000h L90
RC461B LED34S/930 SRD W60L60 VPC U4PIPSC	3 400	25,5	90	3000	UGR 16	IP20 & IK02	50 000h L90
RC461B LED34S/940 SRD W30L120VPCIA4PIPSC	3 400	24	90	4000	UGR 16	IP20 & IK02	50 000h L90
RC461B LED34S/940 SRD W60L60 VPC U4 W SC	3 400	24	90	4000	UGR 16	IP20 & IK02	50 000h L90
RC461B LED34S/940 SRD W60L60 VPC U4PIPSC	3 400	24	90	4000	UGR 16	IP20 & IK02	50 000h L90
RC461B LED40S/940 SRD W60L60 VPC U4PIPSC	4 000	28	90	4000	UGR 16	IP20 & IK02	50 000h L90
FlexBlend Recessed							
RC340B LED36S/930 SRD W60L60 VPC MLO U4	3 600	38,5	90	3000	UGR 19	IP20 & IK02	50 000h L90
RC340B LED36S/930 SRD W60L60 VPC PCS U4	3 600	26,5	90	3000	UGR 19	IP20/ & IK02	50 000h L90
RC340B LED36S/940 SRD W60L60 VPC MLO U4	3 600	37	90	4000	UGR 19	IP20 & IK02	50 000h L90
RC340B LED36S/940 SRD W60L60 VPC PCS U4	3 600	25,5	90	4000	UGR 19	IP20/ & IK02	50 000h L90
RC340B LED42S/940 SRD W60L60 VPC PCSU4PI	4 500	35	90	4000	UGR 19	IP20 & IK02	50 000h L90

Luminaires Interact Ready*

Designation	System flux (lm)	System power (W)	CRI	Color Temperature (K)	UGR	IP/IK	Service life
Slimblend gen2 Recessed							
RC330V 365/940 WIA W60L60 MXO SC	3 600	34,4	90	4000	UGR 19	IP20 & IK02	50 000h L90
RC330V 365/940 SEIA W60L60 MXO IA4 SC	3 600	31,4	90	4000	UGR 19	IP20 & IK02	50 000h L90
RC330V 425/930 SEIA W60L60 MXO IA4 SC	4 200	31,4	90	3000	UGR 19	IP20 & IK02	50 000h L90
RC330V 425/940 SEIA W60L60 MXO IA4 SC	4 200	27	90	4000	UGR 19	IP20 & IK02	50 000h L90
RC330V 365/930 SEIA W30L120 MXO IA4 SC	3 600	31,4	90	3000	UGR 19	IP20 & IK02	50 000h L90
RC330V 365/940 SEIA W30L120 MXO IA4 SC	3 600	31,4	90	4000	UGR 19	IP20 & IK02	50 000h L90
CoreLine Recessed gen3							
RC136B 405/830 WIA W60L60 OC	4 000	31	80	3000	UGR 19	IP20/44 & IK03	50 000h L85
RC136B 435/840 WIA W30L120 OC	4 300	31	80	4000	UGR 19	IP20/44 & IK03	50 000h L85
RC136B 435/840 WIA W60L60 OC	4 300	31	80	4000	UGR 19	IP20/44 & IK03	50 000h L85
CoreLine Panel gen5							
RC132V G5 405/830 SIA W60L60 OC IA4	4 000	36	80	3000	UGR 19	IP20/44 & IK03	50 000h L90
RC132V G5 435/840 SIA W60L60 OC IA4	4 300	36	80	4000	UGR 19	IP20/44 & IK03	50 000h L90
RC132V G5 365/840 WIA W60L60 OC	3 600	28,5	80	4000	UGR 19	IP20/44 & IK03	50 000h L90
RC132V G5 435/840 WIA W60L60 OC	4 300	34,5	80	4000	UGR 19	IP20/44 & IK03	50 000h L90
RC132V G5 345/830 WIA W60L60 OC	3 400	28,5	80	3000	UGR 19	IP20/44 & IK03	50 000h L90
RC132V G5 365/840 WIA W30L120 OC	3 600	28,5	80	4000	UGR 19	IP20/44 & IK03	50 000h L90
RC132V G5 345/830 WIA W60L60 NOC	3 400	28,5	80	3000	UGR 22	IP20/44 & IK03	50 000h L90
RC132V G5 365/840 WIA W60L60 NOC	3 600	28,5	80	4000	UGR 22	IP20/44 & IK03	50 000h L90
RC132V G5 365/840 WIA W30L120 NOC	3 600	28,5	80	4000	UGR 22	IP20/44 & IK03	50 000h L90
Downlight							
LuxSpace 2 Compact							
DN570B LED24S/830 WIA-E C WH	2 600	20	80	3000	UGR 22	IP20 & IK02	50 000h L90
DN570B LED24S/840 WIA-E C WH	2 600	20	80	4000	UGR 22	IP20 & IK02	50 000h L90
DN570B LED40S/830 WIA-E C WH	4 400	33	80	3000	UGR 22	IP20 & IK02	50 000h L90
DN570B LED40S/840 WIA-E C WH	4 400	30	80	4000	UGR 22	IP20 & IK02	50 000h L90
DN571B LED24S/830 WIA-E C WH	2 600	20	80	3000	UGR 19	IP20 & IK02	50 000h L90
DN571B LED24S/840 WIA-E C WH	2 600	20	80	4000	UGR 19	IP20 & IK02	50 000h L90
DN571B LED40S/830 WIA-E C WH	4 400	33	80	3000	UGR 19	IP20 & IK02	50 000h L90
DN571B LED40S/840 WIA-E C WH	4 400	30	80	4000	UGR 22	IP20 & IK02	50 000h L90
GreenSpace 3D							
DN470B LED20S/830 WIA-E C WH P	2 025	16,8	80	3000	UGR 22	IP20 & IK02	50 000h L90
DN470B LED20S/840 WIA-E C WH P	2 025	16,8	80	4000	UGR 22	IP20 & IK02	50 000h L90
DN471B LED20S/830 WIA-E C WH P	2 025	16,8	80	3000	UGR 19	IP20 & IK02	50 000h L90
DN471B LED20S/840 WIA-E C WH P	2 025	16,8	80	4000	UGR 19	IP20 & IK02	50 000h L90
DN472B LED20S/830 WIA-E C WH PCC P	2 025	16,8	80	3000	UGR 22	IP54 & IK02	50 000h L90
DN472B LED20S/840 WIA-E C WH PCC P	2 025	16,8	80	4000	UGR 22	IP54 & IK02	50 000h L90
CoreLine Downlight gen4							
DN140B LED20S/830 WIA-E C	2 200	20,5	80	3000	UGR 22	IP20 & IK02	50 000h L75
DN140B LED20S/830 WIA-E WR	2 200	20,5	80	3000	UGR 25	IP20 & IK02	50 000h L75
DN140B LED20S/840 WIA-E C	2 200	20,5	80	4000	UGR 22	IP20 & IK02	50 000h L75
DN140B LED20S/840 WIA-E WR	2 200	20,5	80	4000	UGR 25	IP20 & IK02	50 000h L75
CoreLine SlimDownlight gen3							
DN145B LED10S/830 WIA-E WH	1 100	13	80	3000	UGR 28	IP20/44 & IK02	50 000h L70
DN145B LED10S/840 WIA-E WH	1 100	13	80	4000	UGR 28	IP20/44 & IK02	50 000h L70
DN145B LED20S/830 WIA-E WH	2 100	22,5	80	3000	UGR 28	IP20/44 & IK02	50 000h L70
DN145B LED20S/840 WIA-E WH	2 100	22,5	80	4000	UGR 28	IP20/44 & IK02	50 000h L70
Bulkhead							
CoreLine Bulkhead							
WL140V LED20S/830 WIA WH	2 000	22	80	3000	UGR 24	IP65 & IK10	50 000h L85
WL140V LED20S/840 WIA WH	2 000	22	80	4000	UGR 24	IP65 & IK10	50 000h L85
WL140V LED34S/830 WIA WH	3 400	35,5	80	3000	UGR 24	IP65 & IK10	50 000h L85
WL140V LED34S/840 WIA WH	3 400	35,5	80	4000	UGR 24	IP65 & IK10	50 000h L85
Retail							
Luminaires on rails							
StoreSet Linear pour rail 3C							
SM504Ti	Configurable product						
Accent recessed lights							
LuxSpace Accent Compact RPO							
RS771B 27S/830 WIA-E MB WH	2 750	23,5	80	3000		IP20 & IK02	50 000h L80
RS772B 27S/830 WIA-E MB WH	2 750	23,5	80	3000		IP20 & IK02	50 000h L80

Designation	System flux (lm)	System power (W)	CRI	Color Temperature (K)	UGR	IP/IK	Service life
LuxSpace Accent Performance RPO							
RS781B 395/830 WIA-E MB WH	3 900	31,5	80	3000		IP20 & IK02	50 000h L80
RS782B 395/830 WIA-E MB WH	3 900	31,5	80	3000		IP20 & IK02	50 000h L80
GreenSpace Accent Cardanic							
RS340Bi	Configurable product						
GreenSpace Accent Extractible							
RS340Bi	Configurable product						
GreenSpace Accent Fixed							
RS340Bi	Configurable product						
CoreLine Accent gen2							
RS156B LED12-WB-/830 D68 WIA PI6 WH	1 300	12,3	80	3000		IP44 & IK03	50 000h L70
RS156B LED12-WB-/840 D68 WIA PI6 WH	1 380	12,3	80	4000		IP44 & IK03	50 000h L70
Projectors							
StyliD Evo Compact Projector							
ST770Ti	Configurable product						
StyliD Evo Performance Projector							
ST780Ti	Configurable product						
GreenSpace Accent Projector gen2							
ST321Ti	Configurable product						
GreenSpace Accent Projector gen2 for Maxos Fusion rail							
ST321Ti	Configurable product						
GreenSpace Accent Double Projector gen2							
ST321Ti	Configurable product						
Sources							
LED Tubes							
MC LEDtube IA 1200mm UO 16W840 T8	2 500	16	80	4000			60 000h
MC LEDtube IA 1200mm UO 16W865 T8	2 500	16	80	6500			60 000h
MC LEDtube IA 1500mm UO 25W840 T8	3 700	25	80	4000			60 000h
MC LEDtube IA 1500mm UO 25W865 T8	3 700	25	80	6500			60 000h
MC LEDtube IA 600mm HO 7W840 T8	1 050	7	80	4000			60 000h
MC LEDtube IA 600mm HO 7W865 T8	1 050	7	80	6500			60 000h
LED Lamps							
MC LEDspot IA 4.7-50W GU10 927 36D	400	4,7	90	2700			25 000h
MC LEDspot IA 4.7-50W GU10 930 36D	400	4,7	90	3000			25 000h
MC LEDspot IA 4.7-50W GU10 940 36D	400	4,7	90	4000			25 000h
Accessoires							
Sensors							
IP42 Sensors							
OCC SENSOR IA CM IP42 WH	Battery					IP42	
OCC-DL SENSOR IA CM IP42 WH	Battery					IP42	
IP65 Sensors							
LCN3110/05 OCC SENSOR IA CM IP65 WH	Battery					IP65	
LCN3120/05 OCC-DL SENSOR IA CM IP65 WH	Battery					IP65	
Switches							
UID8470/10 ZGP Switch Dim 2B	Gradation 2B (On/Off/Gradation)					IP20	
UID8480/10 ZGP Switch Dim 4B	Gradation (On/Off/Gradation) + 2 scenes					IP20	
LP912P NC2 IA UID8480 Office-EU A							
Gateway							
LCN1840/05 Interact Pro wireless gateway						IP 20	
Remote control Startup							
IRT9015							
SR Bridge with sns441 ceiling antenna							
KIT RF DALI Connector							
SR Bridge in detail							
Xitanium SR bridge Independent							
Mounting recessed sensor							
Mounting ceiling sensor							
Interact SNS210 white sensor							

*Disclaimer: for other system ready luminaires, Please contact Signify ME representative

Signify Service tag

LED luminaire maintenance made fast and easy

Quick and easy maintenance of LED luminaires

The "Signify Service tag" application is a unique system that identifies each product by means of a QR Code: it is affixed to all new generations of Philips luminaires, as well as to packaging.



Using the Signify Service tag application

Before installation

By scanning the QR Code on the packaging, you'll know exactly what's inside, and have all the information you need to simplify installation and commissioning by a professional.

Register

Once the luminaire has been installed, simply scan the label from the application to register the product. Registration immediately activates the warranty, so you can be sure of Signify's support throughout the product's life cycle.

Troubleshooting

A simple scan of the QR Code on the luminaire gives you access to a dedicated troubleshooting guide.

Spare parts identification

The Signify Service tag application shows you the spare parts available for the product in question. They are listed in the order of the most frequently ordered parts.

Programming replacement drivers

This application can also be used to program a replacement driver according to installation parameters. Simply place your NFC-compatible mobile device (smartphone or tablet) on the driver and press "program".



The Signify Service tag application offers new possibilities:

- Facilitate the installation process with simplified access to useful product configuration information, 24/7.
- Facilitate maintenance operations by identifying spare parts required.
- Program replacement drivers according to installation parameters, thanks to NFC (near field communication) technology.

Simple and intuitive

To register, simply scan the QR code on the box



STEP 1 Download the "Signify Service tag" application onto your mobile device (iOS or Android).



STEP 2. Register the luminaire
Simply scan the QR code on the box or luminaire.



STEP 3. Create a QR group
Use the application to combine individual luminaires into a group (e.g. a store). Each group will have its own unique QR code, and all fixtures assigned to that group will be listed.



STEP 4. Luminaire information
Easy access to the installation manual is provided by scanning a luminaire's QR code.

A valuable maintenance aid



STEP 1. Spare parts identification
The "Signify Service tag" application displays the spare parts for a luminaire, with the most frequently ordered parts listed first, together with all the information needed for rapid ordering.



STEP 2. Programming spare parts
The "Signify Service tag" application makes it easy to program a replacement driver. Scan the QR code of a luminaire with your Android device, place your mobile device on the replacement driver, press "Program" and the spare driver receives the correct settings for that specific luminaire.

Building renovation globally: a key challenge with strong regulatory obligations

Reducing the energy consumption of buildings is a major challenge in the energy transition. Indeed, the building sector is France's biggest energy consumer, accounting for 43% approx of energy consumption and 19% approx of greenhouse gas emissions in the building use phase alone. Various regulations are currently underway, both for new buildings and for renovation, to support this necessary reduction in the impact of buildings.

Lighting retrofits are one of the easiest ways to make an immediate impact. Switching to efficient, connected and automated LED solutions can cut energy consumption by up to 80% approx compared with a conventional installation. On the scale of an office building, such a lighting renovation can reduce energy consumption by 9 to 16% approx.

The tertiary sector decree: accelerating the energy transition and renovation of the building stock

The tertiary sector decree stems from France's National Low Carbon Strategy, and imposes an obligation to reduce the final energy consumption of a building or a tertiary sector portfolio in relation to a measured reference consumption:



The reference value cannot be prior to 2010. It must correspond to a full year of operation, and be corrected for intensity of use and modulations in business volume.

Alternatively, the owner can use the method expressed as an absolute value in relation to reference thresholds set by the decree according to the type of building.

This renovation decree concerns all building owners and tenants:



Tertiary activity located in a mixed-use building with a surface area $\geq 1,000$ m².



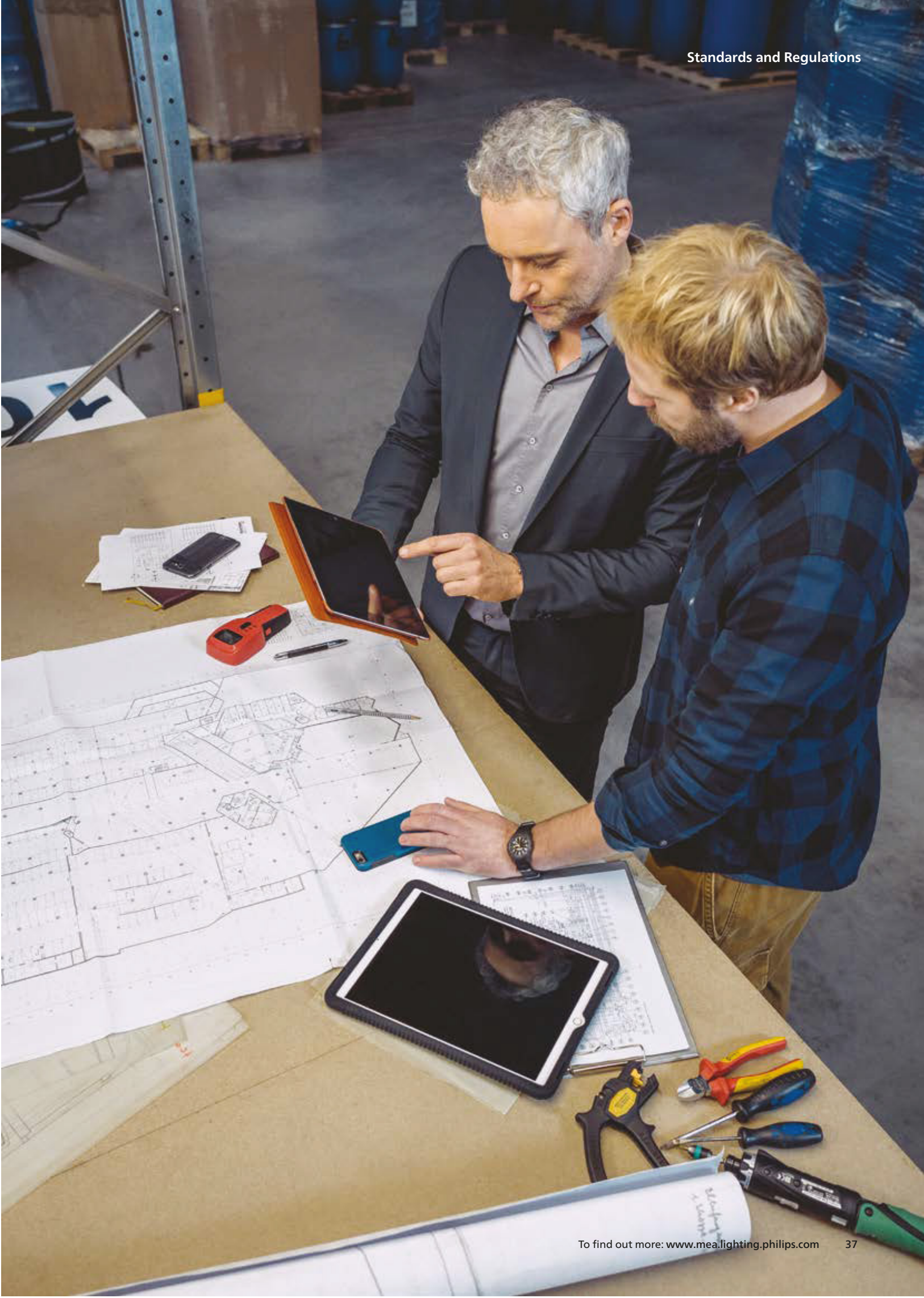
Service sector building with a floor area $\geq 1,000$ m².



Tertiary sector buildings of less than 1,000 m² located on the same site, with a combined total surface area $\geq 1,000$ m².

Tertiary activity refers to all types of premises for professional use, such as offices, storage areas, logistics sites, retail outlets, education and training establishments, healthcare establishments, tourist accommodation, etc.

The reference year and consumption data for the buildings concerned must be submitted annually to the OPERAT platform.



Building automation in Europe, a key element in optimizing building consumption

On March 22, 2017 in Europe on the performance levels required as part of an energy renovation.

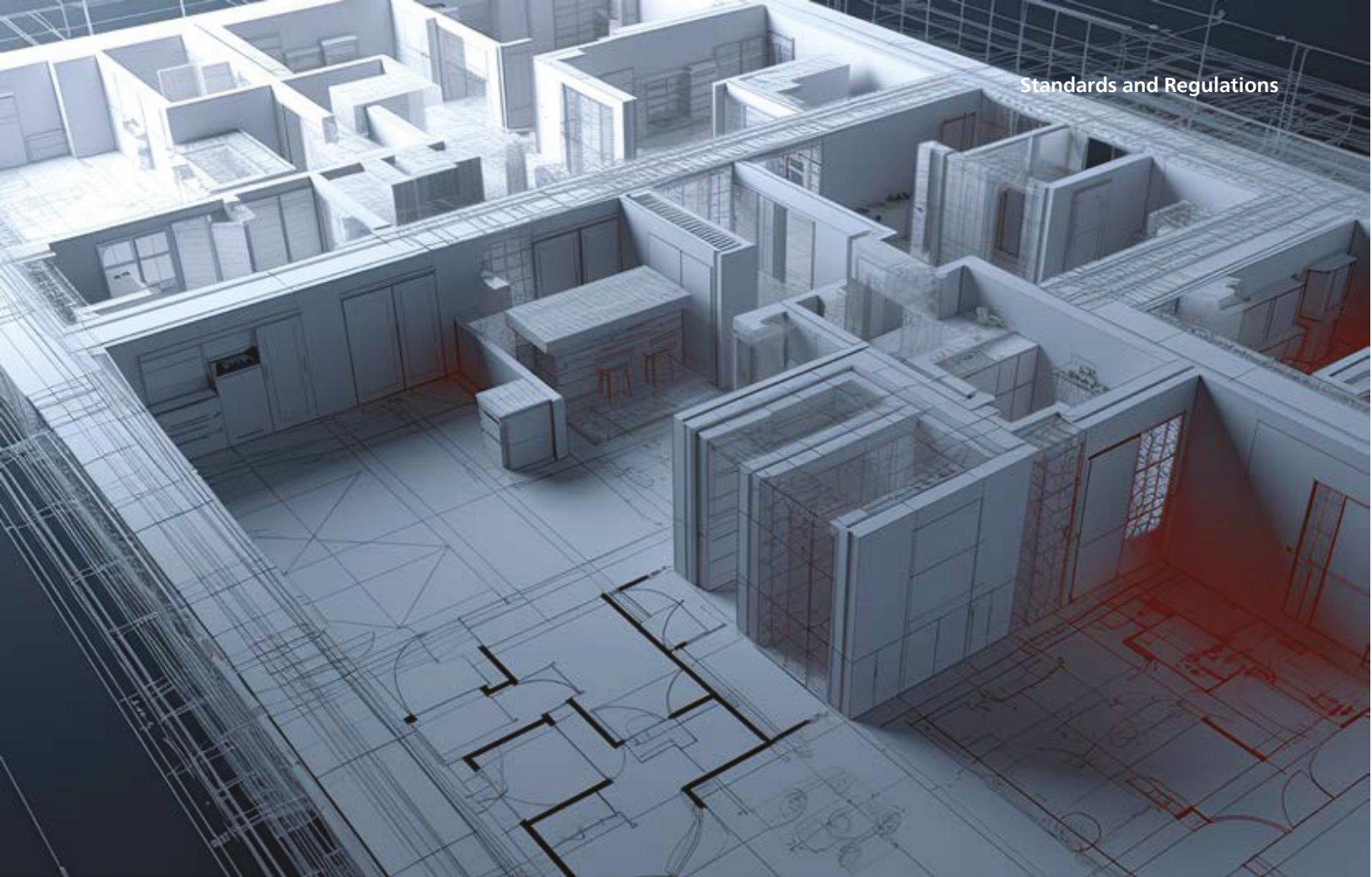
In the case of lighting:

- Automatic switching off of lighting in tertiary buildings, parking lots and common areas;
- Mandatory dimming according to natural lighting levels in commercial buildings
- A maximum installed power of 1.6 W/m²/100 lux floor area for commercial buildings.

This applies to:

- Buildings under 1,000 m², regardless of the scale of the thermal renovation work undertaken
- Buildings over 1,000 m² that undergo lighter renovation work (i.e. that do not include all the items likely to improve energy performance).





Type of premises (Sample/Illustration)	Common areas of all types of buildings, residential or professional			Non-dwelling buildings or parts of buildings
Prescription	Staircases, escalators	Parking areas	Entrances, landings, corridors and other interior common areas	Automatic device or centralized control for lowering or switching off lighting
Automatic dimming or switching off when unoccupied	Automatic device for dimming or switching off lighting			
Daylight detection	Not specified	Not specified	Not specified	Automatic dimming of lighting according to daylight levels
Maximum surface area controlled by a single device	Not specified	500 m ²	100 m ²	<ul style="list-style-type: none"> • 25 m² for automatic dimming • No zoning specified for presence
Maximum number of floors controlled	3 floors maximum	Per level	Per level	No objects
Maximum installed power for general lighting	92 to 96, R9-56 to 94	Not specified	Not specified	1.6 Watt per square meter per 100 lux of average illuminance to be maintained

The BACS decree

(Building Automation & Control Systems)

The BACS decree of July 20, 2020 sets out the means for achieving the consumption reduction targets set by the tertiary sector decree.

By January 1st, 2025, all non-residential tertiary buildings, where the heating or air-conditioning system, whether or not combined with a ventilation system, has a rated output > 290Kw, must have installed a building automation and control system. This applies to office buildings, schools, hotels, stores, warehouses, etc.

This threshold will be lowered to 70 kW on January 1, 2027.

The BACS decree therefore includes the presence of a lighting control system, and requires:

- Continuous recording and analysis of energy consumption data by zone and by hour, with system adjustment accordingly
- Assessment of the building's energy performance against reference values
- Interoperability, i.e. the ability to communicate with other devices and exchange data with other systems.



Our wired DALI and
wireless Interact
solutions comply
with this decree.

interact



RE2020 increases environmental performance requirements for new-builds

The RE2020 provided guidelines moving from a thermal regulation to a more demanding environmental regulation.

The RE2020 focuses on 3 main areas:

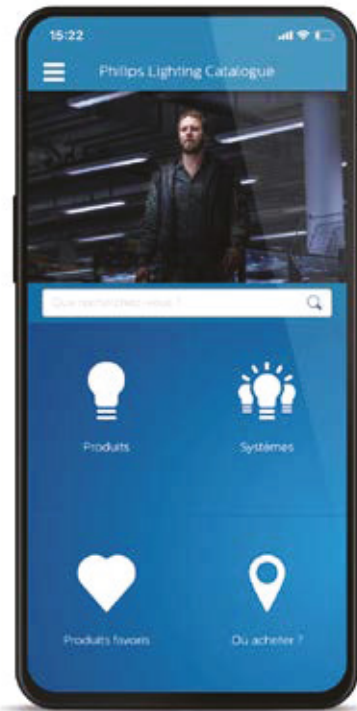
- Continuing to improve the energy performance of buildings
- Ensuring coolness in hot weather ("summer comfort")
- Improve environmental performance by taking into account **all building emissions over its entire life cycle**, from construction to end-of-life (building materials, equipment), including the operating phase (heating, domestic hot water, air conditioning, lighting, etc.), via a life-cycle analysis (LCA).
- These life-cycle analyses are to be formalized in the form of Ecopassport **PEP sheets** (Product Environmental Profile). The PEP sheets will gradually be made available for our various solutions.

The RE2020 applies to single-family homes, multi-family housing, office buildings and schools. Consultations are currently underway on its application to other buildings such as shops, universities and hospitals.

Specifically for lighting, the RE2020 adds electricity consumption for parking lots, notably for lighting systems (closed, covered, open-air) and consumption linked to lighting of corridors in multi-family housing.


























Philips Lighting Catalogue application



To help you find the product you're looking for, wherever you are!

Pictograms

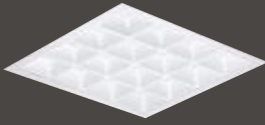
Easily locate important information

<p>Product ready to be connected to the Interact platform. To find out more on Interact: www.interact-lighting.com</p>	<p>interact ready.</p>		<p>Luminaire can be covered with any type of thermal insulation material</p>
<p>ENEC (European Norm Electrical Certification) standard: luminaire registered with the European mark of conformity</p>			<p>Adjustable luminous intensity</p>
<p>The ENEC Plus mark complements ENEC safety: products with certified performance (ENEC Plus) are also products whose safety is assured, since they systematically carry the ENEC mark.</p>			<p>Non-adjustable luminous intensity</p>
<p>The luminaire has passed the glow-wire test at this temperature</p>			<p>Product complies with standard energy- saving operation criteria</p>
<p>IP protection: penetration of solids and water</p>			<p>Product warranty: 2 years</p>
<p>IK protection: mechanical shocks</p>			<p>Product warranty: 3 years</p>
<p>Symbols for electrical classes I, II, III classification of modes of protection against electric shock</p>			<p>Product warranty: 5 years</p>
<p>Product Configurator for selecting different options according to requirements</p>			<p>Equipment intended for use in ATEX hazardous areas</p>
<p>Operating temperature</p>			<p>Product lifetime followed by an index. Example: L80 means that a minimum of 80% of the luminaire's initial luminous flux will be maintained at the end of its service life.</p>
<p>Luminaire compliant with regulations on light pollution (depending on version)</p>			<p>Driver failure rate assigned to the total lifetime of the product.</p>
<p>Color Rendering Index: the closer the figure is to 100, the more natural the colors.</p>			<p>Overvoltage protection expressed in kilovolt</p>
<p>Color temperature in kelvin indicates the light's hue (3,000 K: warm, 4,000 K: neutral, 5,000 K: cool).</p>			<p>Motion detection</p>
<p>Light beam available in degrees</p>			<p>Daylight control</p>
<p>LED lighting solutions for fashion stores</p>			<p>LED lighting solutions for highlighting food products</p>

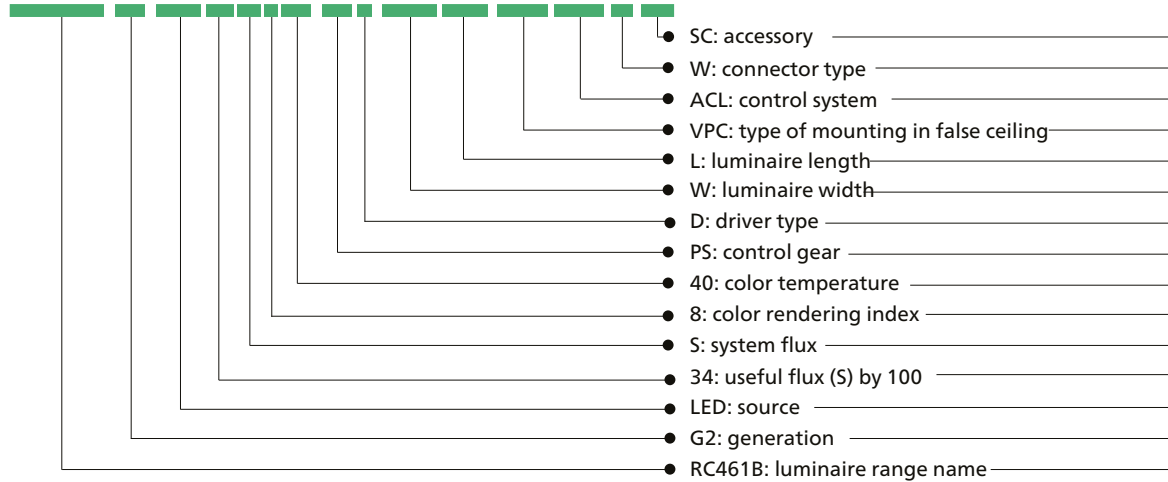
Our conditions of sale and warranty details are available at our site: www.mea.lighting.philips.com/support/purchase/warranty

Luminaire designation

PowerBalance gen2



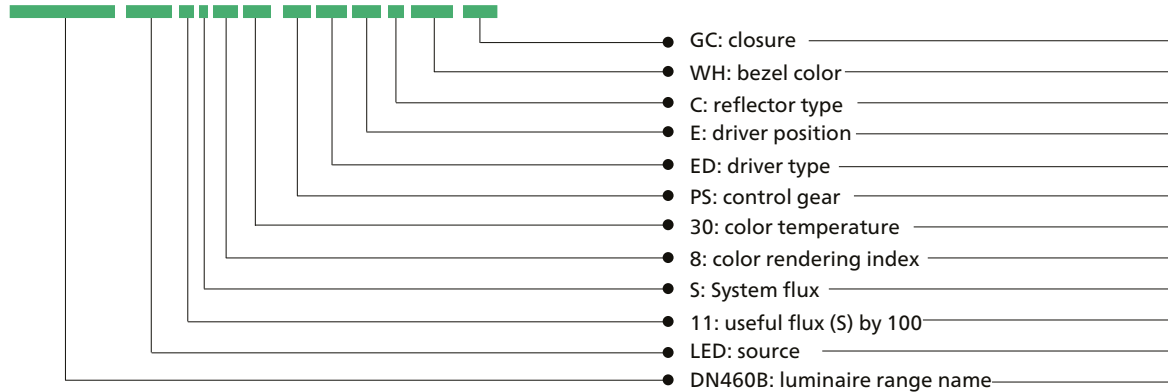
RC461B G2 LED34S/840 PSD W60L60 VPC ACL W SC



GreenSpace Compact downlight



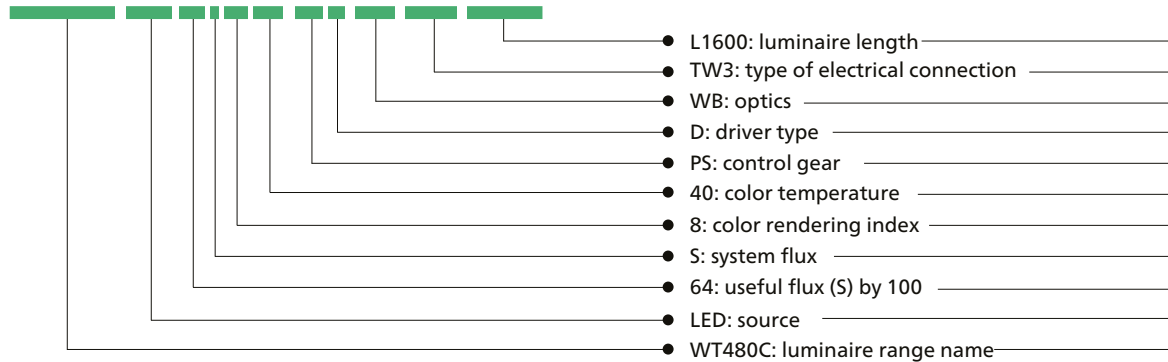
DN460B LED11S/830 PSED-E C WH GC



Pacific LED gen 5



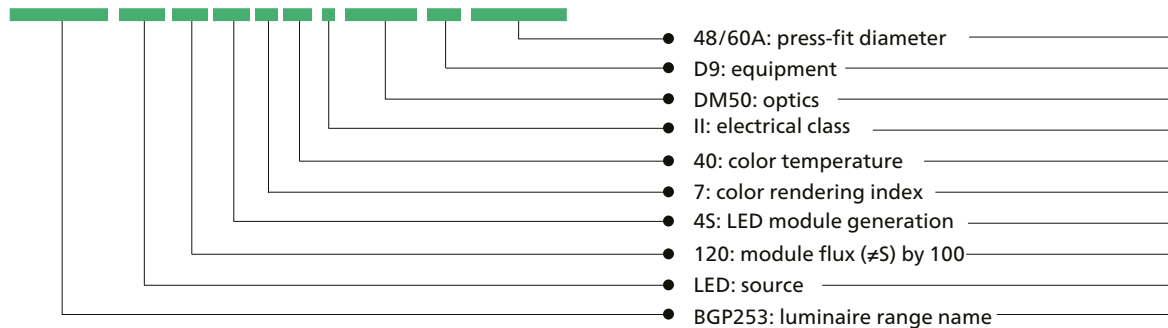
WT480C LED64S/840 PSD WB TW3 L1600



LumiStreet gen2



BGP292 LED120-4S/740 II DM50 D9 48/60A



- Safety Cable
- Wieland
- ActiLume Multisensor
- Visible Profile Ceiling
- 60 cm
- 60 cm
- D for DALI dimming
- Power Supply (driver)
- 4000 K
- CRI > 80
- Useful (no efficiency to be applied)
- $34 * 100 = 3400$ lm
- LED
- 2nd generation
- Functional recessed luminaire with PowerBalance High-Efficiency LED source

- Glass Cover
- White
- Bright aluminum
- External (separate)
- E for Emergency (emergency lighting compatible) and D for DALI dimming
- Power Supply (driver)
- 3000 K
- CRI > 80
- Useful (no efficiency to be applied)
- $11 * 100 = 1100$ lm
- LED
- Architectural general lighting recessed luminaire with LED source UGR>19 GreenSpace Mini

- 1600 mm
- Through-Wiring 3 lines
- Wide Beam
- D for DALI dimming
- Power Supply (driver)
- 4000 K
- CRI > 80
- Useful (no efficiency to be applied)
- $64 * 100 = 6400$ lm
- LED
- Waterproof luminaire Pacific LED Economy Circular

- From 48 to 60 mm
- D9 = DALI dimmer
- Distribution Medium 50 (distribution semi-intensive 50)
- Class 2
- 4000 K
- CRI > 70
- 4th generation
- $120 * 100 = 12000$ lm
- LED
- Functional LED luminaire for public lighting LumiStreet gen2 Mini

Designation Explanations

ECO	LEDgine ² Economic module - LED source flux/100
GRN	Module LEDgine ² Green - Flux source flux/100
DLM.../	Module DLMi - Luminaire output LED module - Flux module(s)
LED../	≠ luminaire luminous flux (output to be applied)
LED..S/	LED module - luminaire flux/100
.xSLED..../	Number of LED modules - useful flux of one module
..xLED-../	Number of LEDs - LED type

LED color code

WW	Warm White
CW	Cool White
NW	Neutral White
AM	Amber
BL	Blue
RD	Red
GN	Green
RGB	Change of color (Red, Green, Blue)
AWB	Change of color (Amber, White, Blue)
CY	Cyan
LBL	Sky blue
YE	Yellow

Luminaire Color/Finish Code

GO	Gold
GR	Gray
SI	Silver
BK	Black
ANT	Anthracite
CR	Chrome
WH	White
ALU	Aluminium

Various

SC	Security line
W/GST	Wieland Connector
PI	Push-button Connector
TW	Through-wiring
DS	Double lighting up
Kit	Bulbs supplied
FL	Protective film

Commercial





Tomorrow's workspaces

Commercial

Driven by two major trends, our relationship with office space is set to change significantly. The imperative need to reduce our carbon footprint as quickly as possible has already led to much more sober buildings. The two years of the pandemic, when telecommuting became an integral part of our lifestyles, have had a profound impact on our relationship with the workplace, where we go less often, but more to interact and collaborate.



Connected, scalable and modular workspaces

Our workspaces need to evolve regularly, adapting to different types of activity and offering reliable, secure Internet access throughout the building.

Interact

New lighting systems offer great flexibility. Today, users can adapt their lighting to suit their needs. More generally, managers can manage the organization of the workspace quickly and easily, reprogramming new zones quickly and easily with the intuitive Interact Pro application.

Equip your recessed luminaires with a light-based data transfer system with our Trulifi solution:

This is a light-based communication system capable of transmitting data at high speed through visible light or the infrared spectrum.

Advantages:



A secure solution, as light waves cannot penetrate walls



A reliable, interference-free solution, ideal where many networks overlap.



A fast solution with net data rates of up to 220 Mb/s downlink and 160 Mb/s uplink

More sustainable buildings

The recent IPCC report and the response to its recommendations (to be validated with the customer) via various regulations (National Low Carbon Strategy, RE2020, tertiary decree) mean that renovation needs to be carried out more quickly.

Lighting retrofits, which are easy to implement, represent a potential electricity saving of 3.4 TWh for all office space in France, equivalent to the annual production of half an EPR reactor.

The NF HQE and BREEAM or equivalent green building certifications, which began in the 1990s and gained considerable momentum in the 2000s, are pushing buildings to be more virtuous.



But the next step will be to make buildings carbon-neutral. With this in mind, new labels are now being launched.



interact ready.

Philips Interact ready luminaires

To achieve these objectives, LED luminaires and their energy savings will not be enough. Coupled with an intelligent, sensor-equipped management system, new-generation Interact ready luminaires can drastically reduce energy consumption (up to 20% more savings than an unmanaged solution), while offering excellent user comfort.



Well-being at work

Commercial

The importance of light for well-being and productivity in the workplace

On average, we spend more than 90% of our time indoors, 36% of which in the workplace. But the more time we spend indoors, the less we are exposed to the beneficial effects of natural light. Light has a visual impact (better vision), an emotional impact (feeling better) and a biological impact (better functioning)



Tunable White

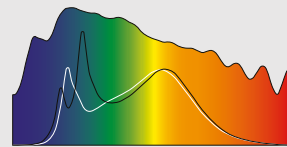
Luminaires incorporating Tunable White technology offer dynamic whites that provide cooler light in the middle of the day and warmer light in the morning and evening to adapt to circadian rhythms.

NatureConnect

by @ignify

NatureConnect

Signify offers a unique lighting solution to bring the benefits of natural light indoors



+ 42 daylight equivalent with the Bio Up solution
Spectra of the standard LED (white line) and the BioUp version (black line). The peak in the cyan wavelength is clearly visible.

BioUp

BioUp luminaires offer a cyan-rich light recipe (melanopic light), closer to the spectrum of daylight, which enhances biological functions.



Lighting and WELL certification

In the WELL Building standard, the concept of "light" covers nine elements, including circadian lighting design (L03). It provides guidelines on how to minimize disruption to the circadian system, improve productivity, promote relaxation and provide appropriate visual acuity.

Philips solutions will help you maximize WELL points for circadian lighting design (L03):

- 1 point: melanopic-EDI 136 lux or 109 lux*.
- 3 points: melanopic-EDI 218 lux or 163 lux*.





Engaging workspaces

With the spread of telecommuting, office spaces in commercial buildings will have to evolve, with more areas dedicated to exchanges, meetings, creativity and collaborative work, as well as open spaces and relaxation areas.

Beyond light, choose an eco-designed luminaire.

3D-printed Downlight luminaires save up to 75% approx in CO2 emissions and are produced with polycarbonate that is 100% recyclable at the end of its life. Another 3D printing option is customization. In fact, our 3D-printed suspensions can be used to personalize spaces, reinforce a visual identity, and delimit different areas. You can choose shape, texture and color from thousands of possibilities. Tomorrow's workspaces

Philips MyCreation configurator



NatureConnect

by  Signify

Commercial

Lighting inspired by nature



NatureConnect by Signify brings the benefits of natural light indoors

We spend over 90% of our time indoors, where we don't have sufficient access to daylight. Exposure to light during the day, in both quantity and quality, has a strong impact on our mood, energy levels, comfort, sleep quality, health and general well-being.

The benefits of natural light are manifold:

- Increased energy and creativity
- Encourage the body's natural diurnal rhythm to stay active during the day and sleep better at night.
- Create a more lively, joyful atmosphere that stimulates the emotions

NatureConnect video



For spaces without daylight, NatureConnect is the solution



Create inspiring, low-glare work environments, even with little natural light.



Have a view of the "sky" to create a sense of space and connection with nature.



Provide essential melatonin during the day for a healthy wake-sleep cycle.



Mimic the natural rhythm of daylight with different scenes for different applications.



Bring the colors and rhythms of nature indoors for a totally immersive experience.

For more information, please visit www.signify.com/NatureConnect

A unique recipe

The blue part of the light spectrum reduces the sleep hormone and provides the melatonin essential for a good sleep-wake cycle. Good sleep promotes alertness and performance during the day. Thanks to the Day Rythm scenario, NatureConnect provides the right amount of cyan light at the right time of day, just as natural light would.



NatureConnect switch

Choose between an automatic rhythm or one of three specific daylight scenes



Get an instant energy boost



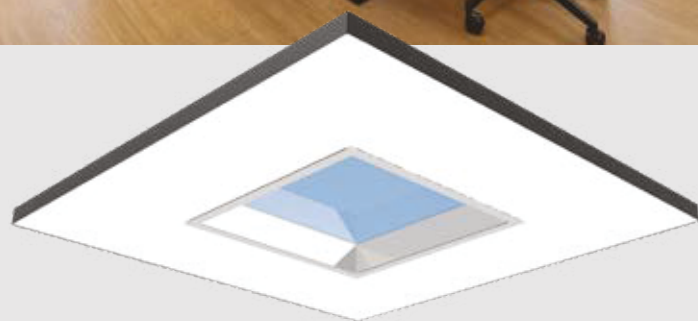
Relax and clear your mind



Focus and maintain attention



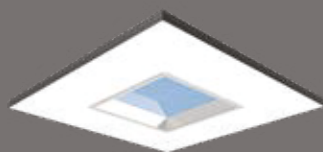
- Cordless, battery-free
- High-quality engraving for long life



Nature connect Skylight 120cm x 120 cm

- The Skylight W120L120 reproduces an open window on the sky. It comprises a "sky & sun" section that creates the decorative function of an artificial skylight, and a peripheral "daylight" section that creates functional light.
- Available for recessed, ceiling and pendant mounting.

Everything you need for an inspiring lighting experience



Skylight 120x120
108448 00



NatureConnect link
103580 00



Recessed sensor
736804 00
+ 34264 00



Wireless switch
108455 00



Application Interact

NatureConnect is a concept that can be adapted to all types of commercial spaces (offices, meeting rooms, hotels, healthcare, etc.). Please contact us so that we can offer you a customized project.

Make the right choice of luminaire for your commercial spaces

Thanks to its wide range of Philips luminaires and its compatibility with the Interact connected platform, Signify can adapt to all your lighting needs in commercial environments.

How can you be sure that your luminaire will fit in with your building?

Choose your type of installation



Recessed, with various false-ceiling mounting options



Ceiling, standalone or continuous line



Pendant, standalone or continuous line



Floor-standing

Choose your design



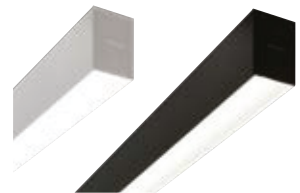
Luminous surface



Honeycomb

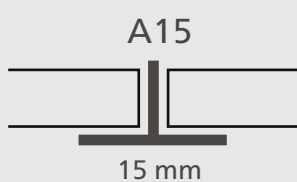


Daylight wellbeing

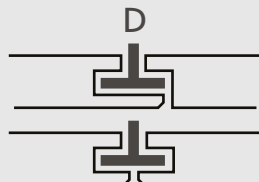


Choice of finish

Check your ceiling type



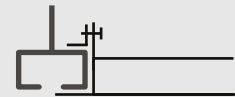
Exposed frame ceiling (VPC) Installation on exposed 15mm T rails



Concealed frame ceiling (CPC or DAEX)



Cut-out ceiling or tiny plaster ceiling (PCV)



Ceiling Ω modular grid with hollow joints or Fineline FL2/FL4 (2 or 4 sides)

All our luminaires are available with VPC mounting by default. Some ranges are available with CPC, PCV or Fineline options. For other specific false ceiling cut-outs (Inlay type or others), we can offer you a customized solution.

What factors need to be taken into account to ensure optimum lighting comfort for users?



1. Glare indicators.

- The UGR index: a factor calculated using a unified formula to assess discomfort glare.
- For a fixed workstation, the UGR must be less than or equal to 19
- Luminance (surface light intensity)



2. Criteria for limiting visual fatigue.

- Flicker
- Color Rendering Index (CRI)
- Photobiological risk, with a classification from 0 to 3 (at 0 the user runs no risk)



3. Respect for the circadian cycle.

- A lighting system that reproduces the circadian rhythm throughout the day
- Lighting enriched with melanopic light

To adapt to individual needs, you can also opt for a system that allows the user to control the luminaire in terms of intensity and color temperature.

To help you, compare luminaires on the Upgrade pages.

How to ensure that a luminaire is both efficient and durable?



Durability criteria

- Luminaire service life, in hours with flux depreciation, to limit the use of resources and the production of waste.
- Possibility of dismantling and recycling the luminaire.
- The luminaire's carbon footprint through a life-cycle analysis.



Performance criteria

- Luminous efficacy expressed in lumen per watt (lm/W).
- Quality of electronic components, with the driver mortality rate given as a percentage for 50,000 hours of use.



Scalability criteria

- A stand-alone luminaire equipped with a presence and/or brightness sensor.
- A wired controllable luminaire.
- A luminaire that can be controlled remotely via an application.

Functional Recessed

Compare the features of our selection of functional recessed fittings to choose the version best suited to your needs.



Portfolio Summary

TrueLine Recessed RC53XB



- Visual comfort: UGR 19
- Excellent color rendering: CRI90
- Design: slim, elegant lighting line: 75 mm wide and continuous line option
- Designed for the circular economy
- EU origin version available

PowerBalance RC36XB/RC46XB



- Visual comfort: UGR 16
- Excellent color rendering: CRI90
- Design: adapts to all types of ceilings (modular or narrow width, visible or concealed framing)
- Designed for the circular economy
- EU origin version available

SlimBlend Gen2 Recessed RC330V



- Visual comfort: UGR19
- Excellent color rendering: CRI90
- Pleasant, comfortable light thanks to Micro Hexagonal Lenses (MXO)
- Designed for the circular economy
- EU origin version available

FlexBlend Recessed RC340B



- Visual comfort: UGR19
- Excellent color rendering: CRI90
- Pleasant light thanks to different optics: Opal (IP54), textured PCS (IP54) and MLO (IP20)
- Designed for the circular economy
- EU origin version available

PowerBalance G4 RC650B



- The system efficiency is upgraded to 140lm/W
- Glare index is as low as UGR<16 for excellent visual comfort
- Excellent light quality with color consistency SDCM≤3
- High color rendering index CRI>90
- Tuneable white 2700K-6500K adjustable color temperature, meeting the requirements of WELL certification
- Interact connectivity options available

Coreview RC420V G4



- RC420 G4 inherits the elegant and classic indirect lighting design with slimmer appearance.
- 100% indirect lighting architecture
- Energy efficient with system efficiency up to 110lm/W
- Interact systems connectivity options available
- Customization options with air ventelation slots

System flux	Eff. Lum.	Service life	CRI	Visual comfort	Luminance	Flicker	Photobio. risk	Dimensions	Connectivity	Warranty
1500 to 5000lm	Up to 150 lm/W	50 000 h L90	CRI 90	UGR 19	<3000 cd/m ²	Strobe effect SVM ≤ 0.4 Without Flicker PstLM ≤ 1	RG0	Up to 1 497 x 1 450 mm	Interact ready versions	5 years
2 800 to 8 000 lm	Up to 175 lm/W	50 000 h L90	CRI 90	UGR 16	<1500 cd/m ²	Strobe effect SVM ≤ 0.4 Without Flicker PstLM ≤ 1	RG0	600 x 600 mm 1 200 x 300 mm	Interact ready versions	5 years
3 600 to 4 200 lm	Up to 137 lm/W	50 000 h L90	CRI 90	UGR 19	<3000 cd/m ²	Strobe effect SVM ≤ 0.4 Without Flicker PstLM ≤ 1	RG0	600 x 600 mm 1 200 x 300 mm	Interact ready versions	5 years
2 800 to 4 200 lm	Up to 144 lm/W	50 000 h L80	CRI 90	UGR 19	<3000 cd/m ²	Strobe effect SVM ≤ 0.4 Without Flicker PstLM ≤ 1	RG0	600 x 600 mm 1 200 x 300 mm	Interact ready versions	5 years
4100lm	140 lm/W	50,000 h L70 B50	CRI80, CRI90	UGR<16	N/A	Without Flicker	RG0	597x597mm/ 297x1197mm	Interact ready versions	5 years
1800 to 3800lm	110lm/W	50,000 h L70 B50	CRI80, CRI90	-	N/A	Without Flicker	RG0	295x295mm; 595x595mm; 295x1195mm; 595x1195mm	Interact ready versions	5 years

Functional Recessed

Compare the features of our selection of functional recessed fittings to choose the version best suited to your needs.



Portfolio Summary

CoreLine Recessed gen3 RC136B



- Excellent light output
- Multilumen 3-in-1 luminaire with the option of choosing between 3 flux levels via a switch on the back of the luminaire
- Ease of installation: tool-free, quickconnect snap-on connector, with relamping possible by default
- Designed for the circular economy
- EU origin version available

GreenPerform Panel RC160V/SP160P



- High efficacy slim profile office luminaire with efficiency $\geq 110\text{lm/W}$
- Ultra thin design, Height only 8.3mm
- CRI >80 , SDCM <4 , no video flash.
- Excellent glare rating, office complaint with UGR ≤ 16
- Smart connectivity and control options
- IP44 front option

CoreLine Panel gen5 RC132V G5



- Good value for money
- Ease of installation: tool-free, quickconnect snap-on connector, with relamping possible by default
- Visual comfort: microprismatic diffuser (UGR19)
- Designed for the circular economy
- EU origin version available

GreenPerform Troffer RC100C



- High efficiency of 120 lm/w
- Slim integrated design, height less than 46mm
- Uniform light surface without dark area CRI >80 , SDCM <4 , No flickering.
- Office complaint (OC) UGR19 version available

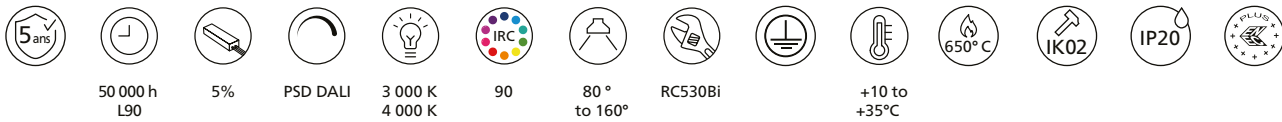
GreenPerform Direct Panel RC099V G2



- Direct Panel RC099V G2 inherits the minimalist styling with an ultra slim design and high quality lighting performance,
- The efficiency is as high as 110lm/W
- Multiple sizes 600x600mm/300x1200mm to 600x1200mm with VPC/CPC installation options.
- Office complaint with low UGR <19 version availability

System flux	Eff. Lum.	Service life	CRI	Visual comfort	Luminance	Flicker	Photobio. risk	Dimensions	Connectivity	Warranty
2 800 to 4 300 lm	Up to 142 lm/W	50 000 h L85	CRI 80	UGR 19 (OC) UGR 25 (NOC)	<3000 cd/m ²	Without Flicker	RG0	600 x 600 mm 1 200 x 300 mm	Interact Ready versions without sensor	5 years
2000lm/ 3000lm/ 4000lm/ 6000lm	≥110lm/W	50,000 H L70 B50	CRI 80	UGR 16/ 19/22	N/A	Without Flicker	RG0	VPC: 595x595mm; 1195x295mm, 1195x200mm, 1195x595mm CPC: 600x600mm PCV: 595x595mm SP (Suspension): 597x597mm; 1197x297mm, 1195x595mm, 1197x202mm	Interact ready versions	5 years
3 400 to 4 800 lm	Up to 126 lm/W	50 000 h L85	CRI 80	UGR<19 (OC) UGR < 22(NOC)	<3000 cd/m ²	Without Flicker	RG0	600 x 600 mm 1 200 x 300 mm	Interact ready versions without integrated sensor (WIA versions) and with integrated presence/brightness multisensor (SIA versions)	5 years
2700lm/ 3700lm/ 5400lm	120lm/W	50,000 h L70	CRI 80	UGR 19/22	N/A	Without Flicker	RG0	597x597mm 297x1197mm 597x1197mm	Interact ready versions	5 years
3600 lm to 5400 lm	Upto 110 lm/W	50,000 Hours @ L70 B50	CRI 80	UGR 19/22	N/A	Strobe effect SVM ≤ 0.4	RG0	597x597mm/ 297x1197mm/ 597x1197mm	Interact Ready versions without sensor	5 years

TrueLine Recessed RC530B / RC531B / RC532B



Commercial

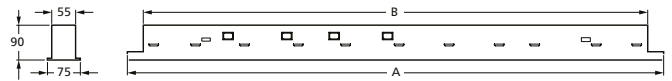
PHILIPS

interact ready.



An elegant lighting line for all commercial spaces

- Slim light line : 55 mm wide
- Efficient, comfortable solution: upto 150lm/W and UGR<19
- Luminaire classified as zero photobiological risk:RG0
- CRI90 for improved color rendering
- DALI2 driver Luminaire Data/consumption 252/Diagnostics & Maintenance 253
- Strobe effect SVM ≤ 0.4 and flicker PstLM ≤ 1
- Continuous line-up possible
- Available with asymmetrical optics
- Interact ready connected versions



Product Details

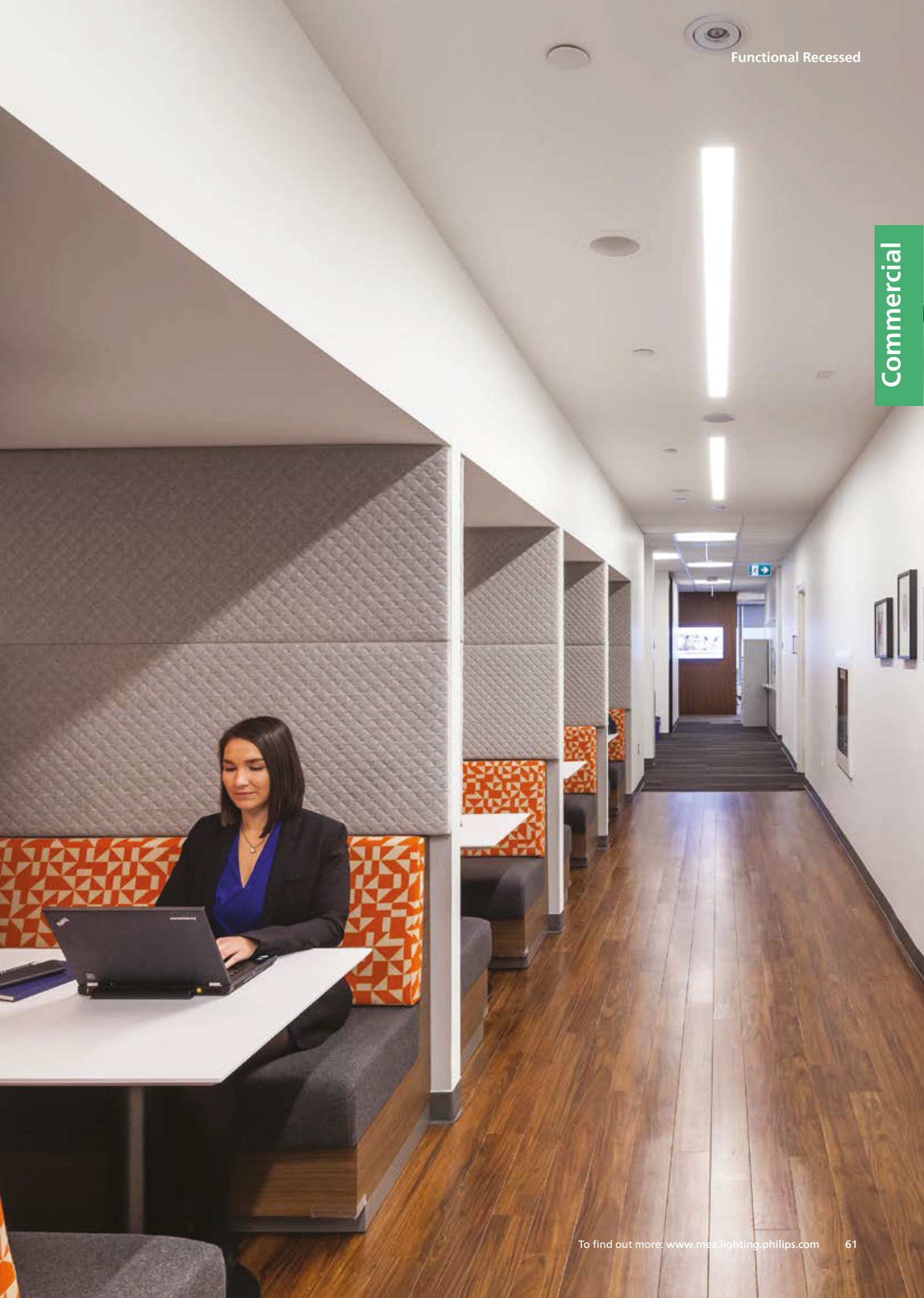


End of line plug

Dimensions in mm	A	B
W8L120	1197	1130
W8L120 with sensor	1197	1170
W8L125	1247	1130
W8L125 with sensor	1247	1170
W8L150	1497	1410
W8L150 with sensor	1497	1450

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Standalone recessed, UGR19, PCV plaster ceiling mount, DALI2 PSD dimming, PI=pushbutton					
RC530B LED34S/940 PSD W8L113 PCV PI5 SC	3 400	24,5	139	4 000	80
Standalone recessed, UGR19, VPC exposed rail assembly, DALI2 PSD dimming, PI=pushbutton					
RC530B LED34S/930 PSD W8L120 VPC PI5 IP	3 400	25	136	3 000	100
Standalone recessed, UGR19, VPC exposed rail assembly, DALI2 PSD dimming, PI=pushbutton					
RC530B LED34S/940 PSD W8L120 VPCPI5 IPSC	3 400	24,5	139	4 000	80
Standalone recessed, UGR19, VPC exposed rail assembly, DALI2 PSD dimming, PI=pushbutton					
RC530B LED40S/940 PSD W8L120 VPC PI5	4 000	28	143	4 000	100
Standalone recessed, UGR22, VPC exposed rail assembly, DALI2 PSD dimming, PI=pushbutton					
RC531B LED15S/940 PSD W8L120 VPC PI5 IP	1 500	15	100	4 000	160
Continuous line recessed, UGR19, VPC exposed rail assembly, DALI2 PSD dimming, PI=pushbutton					
RC532B LED25S/940 PSD W8L113 VPC PI5	2 500	18,4	136	4 000	100
Continuous line recessed, UGR19, VPC exposed rail assembly, DALI2 PSD dimming, PI=pushbutton					
RC532B LED34S/940 PSD W8L113 VPC PI5	3 400	23,5	145	4 000	100



PowerBalance Interact ready RC461B



Commercial

PHILIPS
interact
ready.



The ideal connected recessed LED for your office, combining performance and comfort

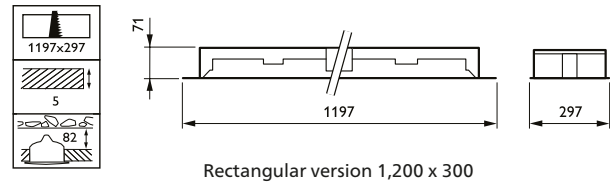
- Exemplary visual comfort: UGR16 and L65 < 1,500 cd/m².
- Luminaire classified as zero photo biological risk RG0
- CRI 90 for improved color rendering
- DALI2 driver 251 Luminaire Data/consumption 252/Diagnostics & Maintenance 253
- Strobe effect SVM ≤ 0.4 and flicker PstLM ≤ 1
- Compatible with WELL certification
- Interact Pro compatible with integrated presence/brightness multisensor



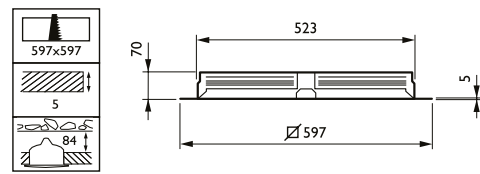
Square version
600 x 600 mm
CPC mounting



Rectangular version
1,200 x 300 mm
CPC mounting



Rectangular version 1,200 x 300



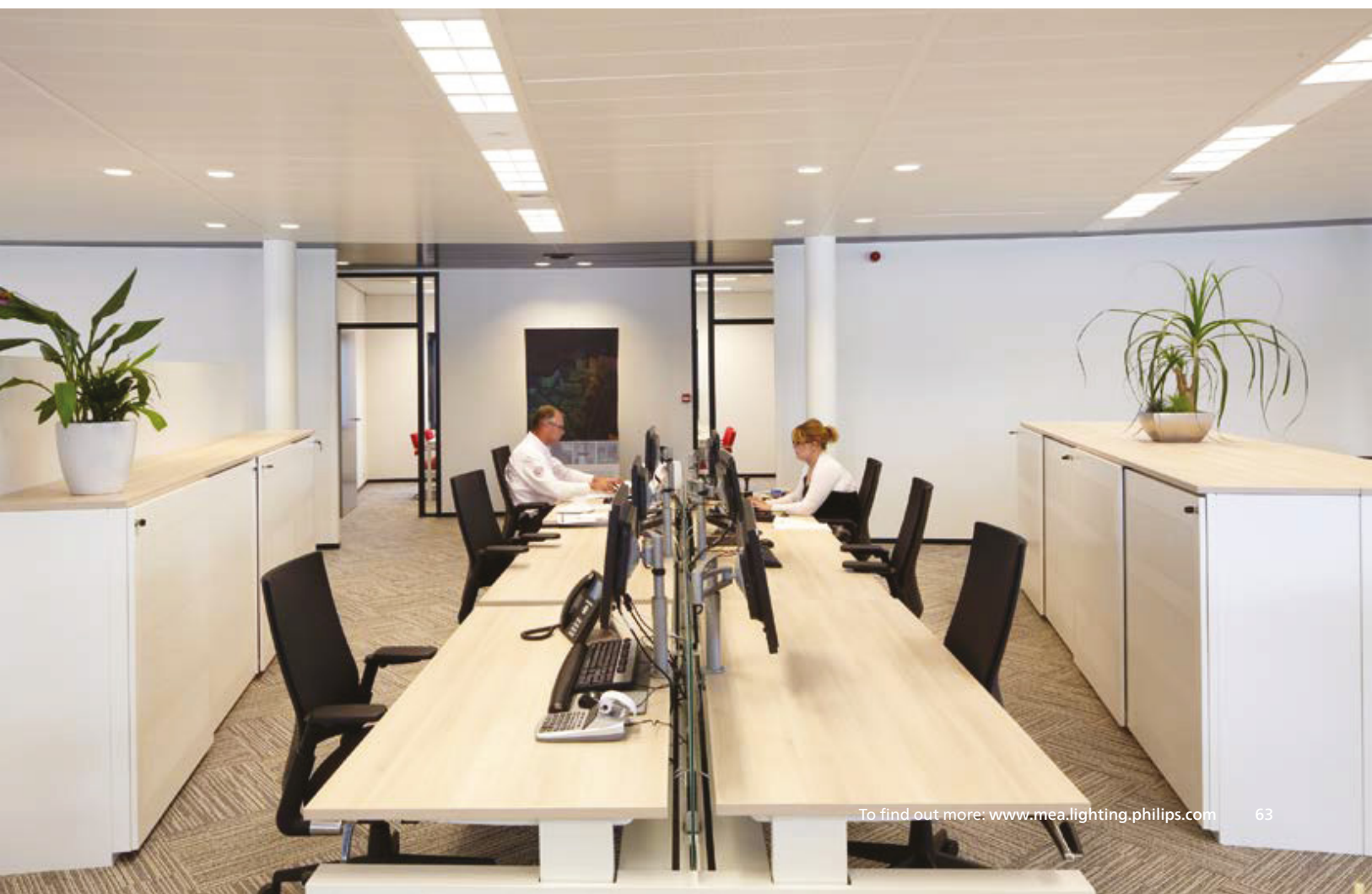
Square version 600 x 600

Dimensions in mm

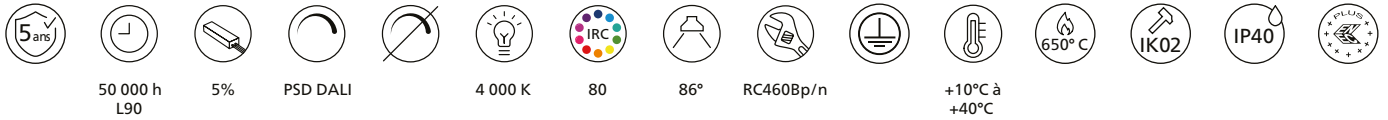
Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Eco, Square, VPC = visible rails ceiling, PIP=pushbutton, IA4/U4 = Interact					
RC360B LED34S/930 SRD W60L60 VPC U4PIPSC	3 400	28	121	3 000	86
RC360B LED34S/940 SRD W60L60 VPC U4PIPSC	3 400	26	131	4 000	86
Eco, Square, VPC = visible rails ceiling, W=wieland, IA4/U4 = Interact					
RC360B LED34S/940 SRD W60L60 VPC U4 W SC	3 400	26	131	4 000	86
Eco, Rectangular, VPC = visible rails ceiling, PIP=pushbutton, IA4/U4 = Interact					
RC360B LED34S/940 SRD W30L120VPCIA4PIPSC	3 400	26	131	4 000	86

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
High Efficiency, Square, for visible rails ceiling, PIP=pushbutton, IA4/U4 = Interact					
RC461B LED34S/930 SRD W60L60 VPC U4PIPSC	3 400	25,5	133	3 000	86
RC461B LED34S/940 SRD W60L60 VPC U4PIPSC	3 400	24	142	4 000	86
RC461B LED40S/940 SRD W60L60 VPC U4PIPSC	4 000	28	143	4 000	86
High Efficiency, Square, for visible rails ceiling, W=wieland, IA4/U4 = Interact					
RC461B LED34S/940 SRD W60L60 VPC U4 W SC	3 400	24	142	4 000	86
High Efficiency, Rectangular, for visible rails ceiling, PIP=pushbutton, IA4/U4 = Interact					
RC461B LED34S/940 SRD W30L120VPCIA4PIPSC	3 400	24	142	4 000	86
High Efficiency, Square, VPC= visible rails ceiling, PIP=pushbutton, IA4/U4 = Interact, TW9= Tunable White CRI90					
RC461B 80S/TW9 SIA W60L60 VPC U4 PIP SC	8 000	64	125	2 700 / 6 500	86
High Efficiency, rectangle, VPC= visible rails ceiling, PIP=pushbutton, IA4/U4 = Interact, TW9= Tunable White CRI90					
RC461B 80S/TW9 SIA W30L120 VPC IA4 PIPSC	8 000	64	125	2 700 / 6 500	86
High Efficiency, Square, VPC= visible rails ceiling, PIP=pushbutton, IA4/U4 = Interact, TWBU= Tunable White BioUp					
RC461B 80S/TWBU SIA W60L60 VPC U4 PIP SC	8 000	64	125	2 700 / 6 500	86
RC461B 80S/TWBU SIA W30L120 VPC IA4PIPSC	8 000	64	125	2 700 / 6 500	86
Ultra Efficiency, square recessed, IA4=Interact sensor, VPC=for visible rails ceiling, PIP=pushbutton					
RC461B 34S/840 SRD W60L60 VPC U4PIP SCUE	3 400	21	171	4 000	86
RC461B 40S/840 SRD W60L60 VPC U4PIP SCUE	4 200	24,5	171	4 000	86
Ultra Efficiency, rectangular recessed, IA4=Interact sensor, VPC=for visible rails ceiling, PIP=pushbutton					
RC461B 34S/840 SRD W30L120 VPC IA4 SC UE	3 400	21	171	4 000	86
RC461B 40S/840 SRD W30L120 VPC IA4 SC UE	4 200	24,5	171	4 000	86



PowerBalance UERC461B



Commercial

PHILIPS

interact ready.



The luminaire that combines comfort and ultra-efficiency

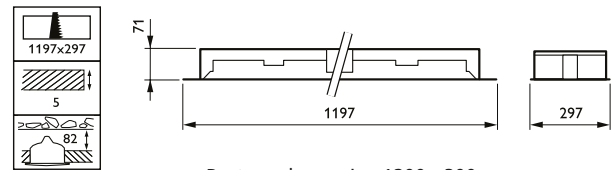
- Ultra-efficient, comfortable solution : upto 175 lm/W
- Exemplary comfort : UGR16 and L65<1, 500 cd/m2.
- Full color rendering: CRI90 (RA<50)
- Flexible solution that adapts to any type of ceiling : modular ornarrow-width, visible or concealed frame work
- Zero photobiological risk RG0
- DALI2 driver 251 Luminaire Data/ consumption 252/ Diagnostics & Maintenance 253
- Strobe effect SVM ≤ 0.4 and flicker PstLM ≤ 1
- Interact ready connected versions



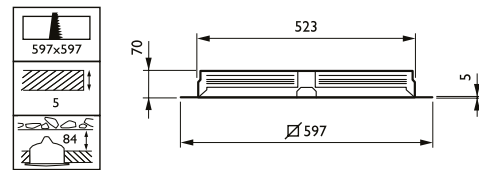
Square version
600 x 600 mm
CPC mounting



Rectangular version
1,200 x 300 mm
CPC mounting



Rectangular version 1200 x 300



Square version 600 x 600

Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Ultra Efficiency, square recessed, DALI2 PSD sensor, VPC=for visible rails ceiling, PIP=pushbutton					
RC461B 28S/840 PSD W60L60 VPC PIP SC UE	2 800	17,6	170	4 000	86
RC461B 34S/840 PSD W60L60 VPC PIP SC UE	3 400	21	171	4 000	86
RC461B 40S/840 PSD W60L60 VPC PIP SC UE	4 200	24,5	171	4 000	86
Ultra Efficiency, rectangular recessed, dimming DALI2 PSD, VPC=for visible rails ceiling, PIP=pushbutton					
RC461B 28S/840 PSD W30L120 VPC PIP SC UE	2 800	17,6	170	4 000	86
RC461B 34S/840 PSD W30L120 VPC PIP SC UE	3 400	21	171	4 000	86
RC461B 40S/840 PSD W30L120 VPC PIP SC UE	4 200	24,5	171	4 000	86
Ultra Efficiency, square recessed, IA4=Interact sensor, VPC=for visible rails ceiling, PIP=pushbutton					
RC461B 34S/840 SRD W60L60 VPC U4PIP SCUE	3 400	21	171	4 000	86
RC461B 40S/840 SRD W60L60 VPC U4PIP SCUE	4 200	24,5	171	4 000	86
Ultra Efficiency, rectangular recessed, IA4=Interact sensor, VPC=for visible rails ceiling, PIP=pushbutton					
RC461B 34S/840 SRD W30L120 VPC IA4 SC UE	3 400	21	171	4 000	86
RC461B 40S/840 SRD W30L120 VPC IA4 SC UE	4 200	24,5	171	4 000	86

PowerBalance HERC461B



PHILIPS

interact ready.

The ideal recessed LED for your office, combining performance and comfort

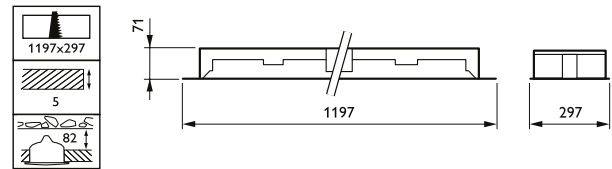
- Exemplary comfort : UGR16 and L65<1, 500cd/m²
- Full color rendering: CRI90 (RA<50)
- Flexible solution that adapts to any type of ceiling: modular or narrow-width, visible or concealed frame work
- Zero photobiological risk RG0
- DALI2 driver 251 Luminaire Data/ consumption 252/ Diagnostics and Maintenance 253
- Strobe effect SVM ≤ 0.4 and flicker PstLM ≤ 1
- Interact ready connected versions



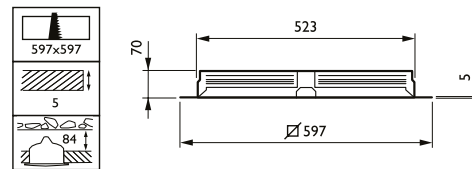
Square version
600 x 600 mm
CPC mounting



Rectangular version
1,200 x 300 mm
CPC mounting



Rectangular version 1,200 x 300



Square version 600 x 600

Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
High Efficiency, square recessed, non dimmable PSU, VPC=for visible rails ceiling, PIP=pushbutton					
RC461B LED34S/930 PSU W60L60 VPC PIP SC	3 400	25,5	133	3 000	86
RC461B LED34S/940 PSU W60L60 VPC PIP SC	3 400	24	142	4 000	86
RC461B LED40S/940 PSU W60L60 VPC PIP SC	4 000	28	143	4 000	86
High Efficiency, square recessed, dimmable DALI PSD, VPC=for visible rails ceiling, PIP=pushbutton					
RC461B LED34S/940 PSD W60L60 VPC PIP SC	3 400	24	139	4 000	86
RC461B LED40S/940 PSD W60L60 VPC PIP SC	4 000	28	143	4 000	86
High Efficiency, square recessed, dimmable DALI PSD, VPC=for visible rails ceiling, W=Wieland					
RC461B LED28S/940 PSD W60L60 VPC W SC	2 800	19	147	4 000	86
RC461B LED34S/940 PSD W60L60 VPC W SC	3 400	24	139	4 000	86
High Efficiency, rectangular recessed, dimmable DALI PSD, VPC=for visible rails ceiling, W=Wieland					
RC461B LED28S/940 PSD W30L120 VPC W SC	2 800	19	147	4 000	86
RC461B LED34S/940 PSD W30L120 VPC W SC	3 400	24	142	4 000	86
RC461B LED40S/940 PSD W30L120 VPC W SC	4 000	28	143	4 000	86

PowerBalance HE RC461B/ RC463B/ RC468B



Commercial

PHILIPS



Enhance well-being in the workplace with melanopic lighting

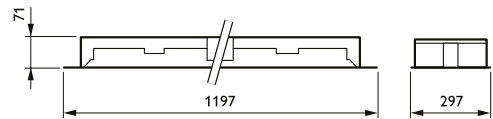
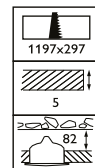
- BioUp provides 42% more cyan light than standard LEDs (MDER 0.88)
- Exemplary comfort : UGR16 and L65<1, 500cd/m2.
- Luminaire classified as zero photobiological risk RG0
- DALI2 driver 251 Luminaire Data/ consumption 252/ Diagnostics & Maintenance 253
- Strobe effect SVM ≤ 0.4 and flicker PstLM ≤ 1



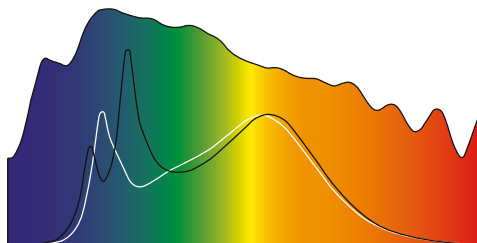
Square version
600 x 600 mm
CPC mounting



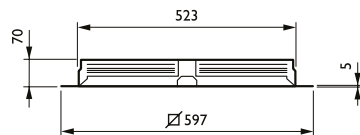
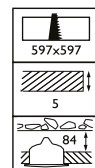
Rectangular version
1,200 x 300 mm
CPC mounting



Rectangular version 1,200 x 300



Spectrum of the standard LED (white line) and the BioUp version (black line). The peak in the cyan wavelength is clearly visible.



Square version 600 x 600

Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
BioUp, square recessed, dimmable DALI PSD, VPC=for visible rails ceiling, PIP=pushbutton					
RC461B LED28S/BU840 PSD W60L60 VPC PIPSC	2 800	23	122	4 000	120
BioUp, square recessed, dimmable DALI PSD, PCV=for plastered ceiling, W=Wieland					
RC461B LED40S/BU840 PSD W60L60 PCV W SC	4 000	33,5	119	4 000	120
BioUp, rectangular recessed, dimmable DALI PSD, PCV=for plastered ceiling, PIP=Wieland					
RC461B LED28S/BU840 PSD W30L120 PCVIPSC	2 800	23	122	4 000	120
BioUp, rectangular recessed, dimmable DALI PSD, VPC=for visible rails ceiling, PIP=pushbutton					
RC461B LED28S/BU840 PSD W30L120 VPCPIPSC	2 800	23	122	4 000	120

PowerBalance Eco RC360B



Lighting comfort in a distinctive design

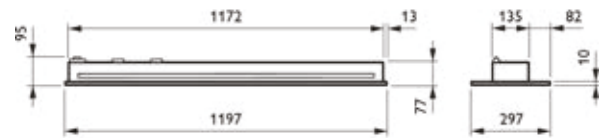
- UGR19, for optimum visual comfort
- High luminous efficacy: Up to 127lm/W
- Zero photobiological risk RG0
- CRI90 for improved color rendering
- DALI2 driver 251 Luminaire Data/ consumption 252/ Diagnostics & Maintenance 253
- Strobe effect SVM ≤ 0.4 and flicker PstLM ≤ 1



Square version
600 x 600 mm
CPC mounting



Rectangular version
1,200 x 300 mm
CPC mounting



Rectangular version 1,200 x 300



Version 600 x 600

Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Square recessed, non dimmable PSU, VPC=for visible rails ceiling, PIP=pushbutton					
RC360B LED34S/940 PSU W60L60 VPC PIP SC	3 400	26	126	4 000	86
Square recessed, dimmable DALI PSD, VPC=for visible rails ceiling, W=Wieland					
RC360B LED34S/940 PSD W60L60 VPC W	3 400	26	126	4 000	86
Rectangular recessed, dimmable DALI PSD, VPC=for visible rails ceiling, PIP=pushbutton					
RC360B LED34S/940 PSD W30L120 VPC PIP	3 400	26	126	4 000	86
Rectangular recessed, dimmable DALI PSD, VPC=for visible rails ceiling, W=Weiland					
RC360B LED34S/940 PSD W30L120 VPC W	3 400	26	126	4 000	86

SlimBlend gen2 RecessedRC330V



Commercial

PHILIPS

The comfortable luminous surface

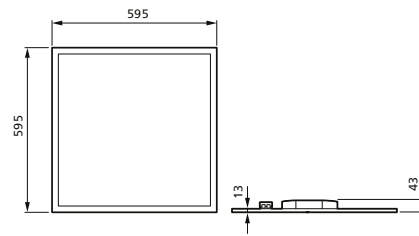
- High efficiency: up to 137lm/W
- Comfortable lighting thanks to MXO (Micro Hexagonal) optics that limit glare
- Easy installation thanks to detachable quick-connect connector
- Full range of mounting accessories available as option. (Safety chain included by default)



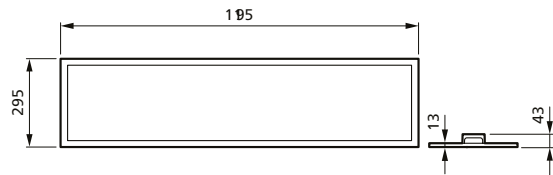
Rectangular version
1 200 x 300



Square version
600 x 600
surface mounting



Square version 600x600



Rectangular version 1,200 x 300

Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Recessed, rectangular, PSD dimmable, MXO micro Hexagonal lenses					
RC330V 365/930 PSD W30L120 MXO SC	3 600	27	128	3 000	90
Recessed, square, PSD dimmable, MXO micro Hexagonal lenses					
RC330V 365/930 PSD W60L60 MXO SC	3 600	27	126	3 000	90
Recessed, rectangular, PSD dimmable, MXO micro Hexagonal lenses					
RC330V 365/940 PSD W30L120 MXO SC	3 600	26,5	132	4 000	90
Recessed, square, PSD dimmable, MXO micro Hexagonal lenses					
RC330V 365/940 PSD W60L60 MXO SC	3 600	27	133	4 000	90
Recessed, rectangular, PSD dimmable, MXO micro Hexagonal lenses					
RC330V 425/930 PSD W30L120 MXO SC	4 200	31	129	3 000	90
RC330V 425/940 PSD W30L120 MXO SC	4 200	31	132	4 000	90
Recessed, square, PSD dimmable, MXO micro Hexagonal lenses					
RC330V 425/940 PSD W60L60 MXO SC	4 200	31,4	133	4 000	90

SlimBlend gen2 Accessories RC330Z



Designation

Surface mounting kit

RC330Z SMB W60L60

RC330Z SMB W30L120

Suspended mounting kit

RC330Z SME-3 WH

RC330Z SME-4 WH

Fixing clips for CPC ceiling

RC330Z SMB-CPC

Fixing clips for plastered ceiling

RC330Z SMB-PLC

Commercial



FlexBlend Interact ready RC340B



Commercial

PHILIPS

interact ready.



The flexible, connected recessed LED for all your spaces

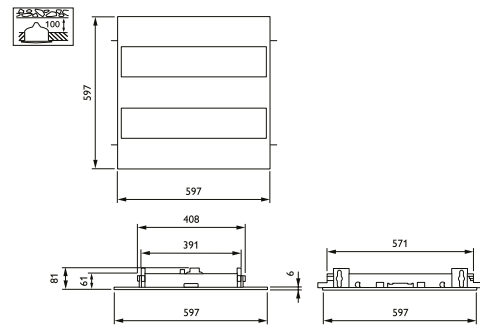
- Flexible, efficient solution: upto 144 lm/W
- Excellent color rendering: CRI90 (RA<50)
- 3 optics available Opal (IP54)/Textured PCS (IP54)/MLO(IP20)
- Compatible with a wide range of suspended ceilings : visible framing (VPC), shadow gap framing (Fine Line®), concealed framing/metal ceiling, plaster cut-out ceilings (PCV)
- Interact ready version with integrated presence/brightness multi- sensor
- Strobe effect SVM ≤ 0.4 and flicker PstLM ≤ 1



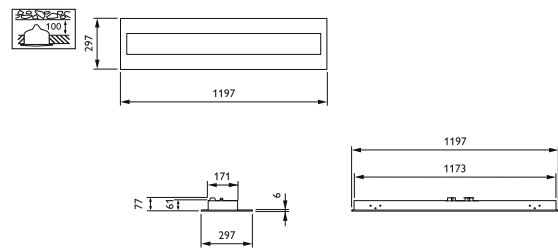
Multisensor Wired presence and motion



Wireless presence and motion



Square version 600 x 600



Rectangular version 1,200 x 300

Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Square recessed, Interact dimmable, VPC = for exposed rails, PCS optics = Textured, U4=presence and motion sensor					
RC340B LED365/930 SRD W60L60 VPC PCS U4	3 600	26,5	136	3 000	81 x 85
RC340B LED365/940 SRD W60L60 VPC PCS U4	3 600	25,5	141	4 000	81 x 85
Square recessed, Interact dimmable, VPC = for exposed rails, MLO optics = micro-lenses, U4=presence and motion sensor					
RC340B LED365/940 SRD W60L60 VPC MLO U4	3 600	37	98	4 000	81 x 85
RC340B LED365/930 SRD W60L60 VPC MLO U4	3 600	38,5	94	3 000	81 x 85

FlexBlend Recessed RC340B



The flexible recessed LED for all types of ceilings

- Flexible, efficient solution: upto 144lm/W
- Excellent color rendering: CRI90 (RA<50)
- 3 optics available Opal(IP54)/Textured PCS (IP54)/MLO(IP20)
- Compatible with a wide range of suspended ceilings: visible framing (VPC), shadow gap framing (Fine Line®), concealed framing/metal ceiling, plaster cut-out ceilings (PCV)
- Driver DALI2 251/252/253 Luminaire Data/Energy reporting/Diagnostics Maintenance
- Strobe effect SVM ≤ 0.4 and flicker PstLM ≤ 1

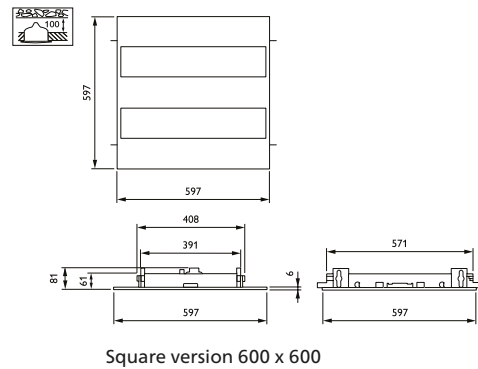
Commercial



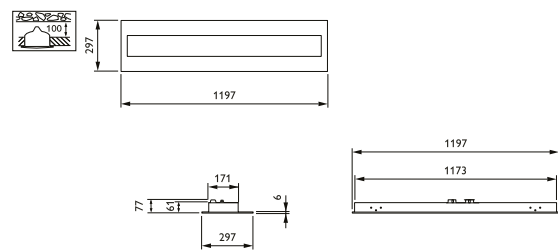
Square version
600 x 600 mm
CPC mounting



Rectangular version
1,200 x 300 mm



Square version 600 x 600



Rectangular version 1,200 x 300

Dimensions in mm

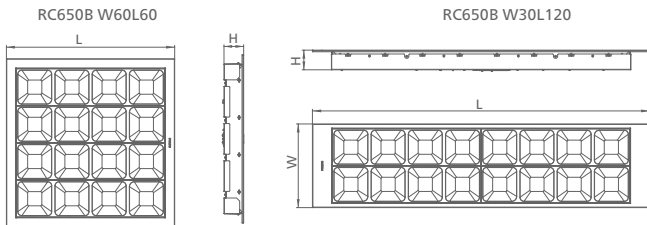
Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Square recessed, DALI PSD dimming, MLO optics = Micro-Lens, PIP=Pushbutton					
RC340B LED36S/940 PSD W60L60 VPC MLO PIP	3 600	37	98	4 000	81 x 85
Square recessed, DALI PSD dimming, PCS optics = Textured, PIP=Pushbutton					
RC340B LED36S/940 PSD W60L60 VPC PCS PIP	3 600	25	144	4 000	82 x 85
Square recessed, DALI PSD dimming, Optics O = Opal, PIP=Pushbutton					
RC340B LED36S/940 PSD W60L60 VPC O PIP S	3 600	29	124	4 000	115

PowerBalance G4 RC650B

Commercial

PHILIPS
interact
ready.



High Comfort LED Light Panel (The New Generation)

PowerBalance G4 RC650B luminaire panel adopts professional optical design with excellent light and color consistency (SDCM<3). Its system efficiency is as high as 140 lm/W with no video flash. The light is pure and soft, and the glare index is as low as UGR<16 which meets the needs of office environment. With high color rendering index CRI>90 the lamp panel can restore natural color, creating eye protection lighting environment with 2700K-6500K adjustable color temperature, the luminaire panel can respond to WELL standard and protect the health of employees, creating high grade office space. It can also be equipped with a variety of intelligent systems to achieve intelligent lighting.

Product features

Energy Efficient

The system efficiency is upgraded to 140lm/W

Visual Comfort

Glare index is as low as UGR<16 with soft light, and it is suitable for high end office with excellent light and color consistency SDCM≤3

True Color Performance

High color rendering index CRI>90, creating a "true" color office environment

Adjustable Color Temperature

2700K-6500K adjustable color temperature, meeting the requirements of WELL certification

System Connectivity Options

It can be equipped with a variety of intelligent systems

Long Life and High Efficiency

Up to 50,000 hours of life (L70)

Model	L(mm)	W(mm)	H(mm)
RC650B W60L60	597	597	70
RC650B W30L120	1197	297	70

Main Applications

- Office lighting
- Commercial Buildings
- Educational Institutes
- Indoor General Area Lighting

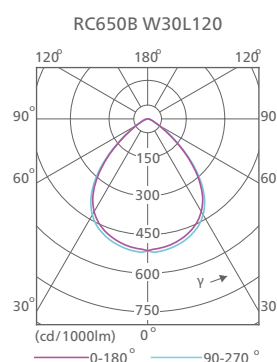
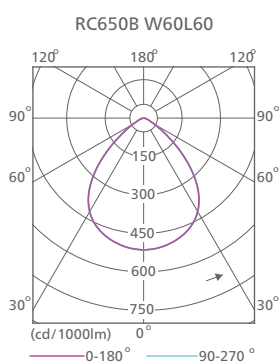


Commercial

Technical Parameters

Product Model	RC650B
Lumen Output (±10%)	4100lm
System Power (±10%)	29W (Other options on request)
System Efficiency	140lm/W
Luminaire Light Distribution	Wide Light Distribution
Glare Index	16
Color Temperature	4000K/6500K/TW Adjustable Temperature
Color Rendering Index	CRI80, CRI90
Light And Color Consistency	SDCM<3
Stroboscopic Value	<4%
Operating Temperature	-20°C~+35°C (Ta 25°C)
Control Mode	PSU/PSD/WIA/PoE/TWH
IP Grade	IP20
Electrical Protection Level	Class I
Dimension (WxL)	597x597mm / 297x1197mm
Installation Method	Recessed Installation
Lifetime	50,000 hrs @L70 B50

Light Distribution Curve



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Commercial

Product Model	Power	Lumen Output	Color Temperature	Lamp Length	Lamp Width	Color Rendering	Drive
RC650B LED40S865 PSU W60L60	29W	4100lm	6500K	597mm	597mm	80	Fixed Output
RC650B LED40S865 PSD W60L60	29W	4100lm	6500K	597mm	597mm	80	DALI Dimming
RC650B LED40S840 PSU W60L60	29W	4100lm	4000K	597mm	597mm	80	Fixed Output
RC650B LED40S840 PSD W60L60	29W	4100lm	4000K	597mm	597mm	80	DALI Dimming
RC650B LED40S865 PSU W30L120	29W	4100lm	6500K	1197mm	297mm	80	Fixed Output
RC650B LED40S865 PSD W30L120	29W	4100lm	6500K	1197mm	297mm	80	DALI Dimming
RC650B LED40S840 PSU W30L120	29W	4100lm	4000K	1197mm	297mm	80	Fixed Output
RC650B LED40S840 PSD W30L120	29W	4100lm	4000K	1197mm	297mm	80	DALI Dimming
RC650B LED40S940 PSU W30L120	29W	4000lm	4000K	1197mm	297mm	90	Fixed Output
RC650B LED40S940 PSU W60L60	29W	4000lm	4000K	597mm	597mm	90	Fixed Output
RC650B LED40S940 PSD W30L120	29W	4000lm	4000K	1197mm	297mm	90	DALI Dimming
RC650B LED40S940 PSD W60L60	29W	4000lm	4000K	597mm	597mm	90	DALI Dimming
RC650B LED40S865 IAO W60L60	29W	4100lm	6500K	597mm	597mm	80	InterAct Office
RC650B LED40S840 IAO W60L60	29W	4100lm	4000K	597mm	597mm	80	InterAct Office
RC650B LED40S865 IAO W30L120	29W	4100lm	6500K	1197mm	297mm	80	InterAct Office
RC650B LED40S840 IAO W30L120	29W	4100lm	4000K	1197mm	297mm	80	InterAct Office
RC650B LED40S940 IAO W30L120	29W	4000lm	4000K	1197mm	297mm	90	InterAct Office
RC650B LED40S940 IAO W60L60	29W	4000lm	4000K	597mm	597mm	90	InterAct Office
RC650B LED40S8 TWH W60L60	29W	4100lm	2700K-6500K	597mm	597mm	80	Adjustable Color Temperature
RC650B LED40S8 TWH W30L120	29W	4100lm	2700K-6500K	1197mm	297mm	80	Adjustable Color Temperature
RC650B LED40S9 TWH W60L60	29W	4000lm	2700K-6500K	597mm	597mm	90	Adjustable Color Temperature
RC650B LED40S9 TWH W30L120	29W	4000lm	2700K-6500K	1197mm	297mm	90	Adjustable Color Temperature
RC650B LED40S965 PSU W60L60	29W	4000lm	6500K	597mm	597mm	90	Fixed Output
RC650B LED40S965 PSD W60L60	29W	4000lm	6500K	597mm	597mm	90	DALI Dimming
RC650B LED40S965 IAO W60L60	29W	4000lm	6500K	597mm	597mm	90	InterAct Office
RC650B LED40S965 PSU W30L120	29W	4000lm	6500K	1197mm	297mm	90	Fixed Output
RC650B LED40S965 PSD W30L120	29W	4000lm	6500K	1197mm	297mm	90	DALI Dimming
RC650B LED40S965 IAO W30L120	29W	4000lm	6500K	1197mm	297mm	90	InterAct Office
RC650X LED48/840 W60L60 WIA	37W	4800lm	4000K	597mm	597mm	80	WIA
RC650X LED48/840 W30L120 WIA	37W	4800lm	4000K	597mm	597mm	80	WIA

Accessory Model	Lamp Length	Lamp Width	
RC650Z PCV ACC W60L60	647mm	647mm	Installation Accessories
RC650Z PCV ACC W30L120	1254mm	347mm	Installation Accessories

Coreview RC420V G4

PHILIPS
interact
ready.



Classic Indirect Light Luminaire Comfortable and Energy Saving

RC420 G4 inherits the elegant and classic indirect lighting design of the previous generation, further improving the system efficiency and slimmer appearance. RC420V G4 provides CRI 90 and supports adjustable white light to enhance the comfort of the employee's office environment. The products provided by ETO include an air duct option that provides quick and easy support for projects requiring office lighting with air outlets.

Product features

Energy Efficient

The system efficiency is up to 110lm/W

True Color Performance

CRI 90 Available

Indirect Lighting

Use 100% full indirect lighting design The PCB board is located in the middle, and the light is reflected by the arched shell after being projected upward, ensuring a comfortable light environment.

Slim Profile Design

Through excellent mechanical design, the shell height is reduced to 90mm, which facilitates installation on the ceiling in certain key areas. Multi sizes for various applications.

Customization Option With Ventilation Slot

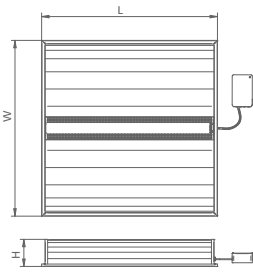
Air slots are integrated in the panel to make the entire office environment simpler.

Systems Connectivity Options

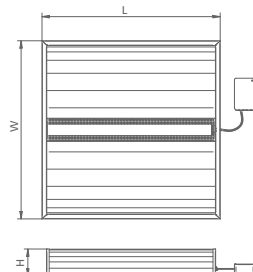
Dali and Interact Office/Pro are offered on system options to provide more convenience for lighting control in the office.



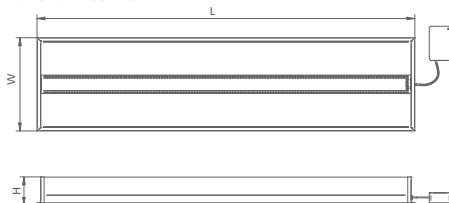
RC420V G4 W60L60



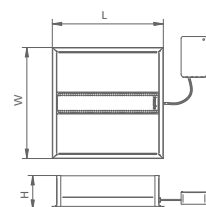
RC420V G4 W603L603



RC420V G4 W30L120



RC420V G4 W30L30



Model	L(mm)	W(mm)	H(mm)
RC420V G4 W30L30	295	295	90
RC420V G4 W60L60	595	595	90
RC420V G4 W603L603	603	603	90
RC420V G4 W30L120	1195	295	90

Commercial

Main Applications

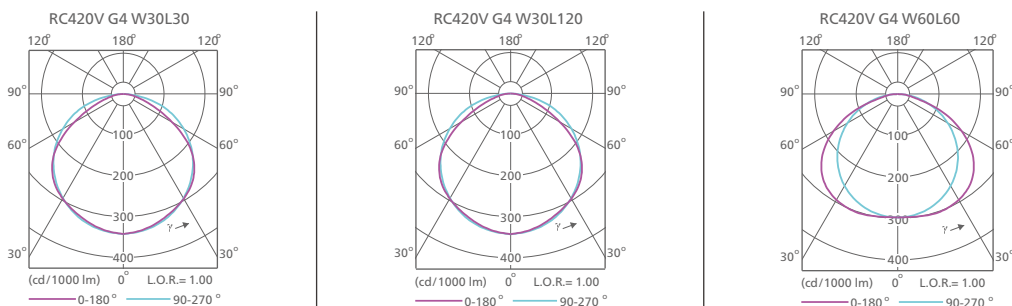
- Office Space
- Office Meeting Room
- Commercial Spaces



Technical Parameters

Product Model	RC420V G4
Lumen Output (±10%)	1800lm (300x300mm) 3800lm (600x600mm/300x1200mm)
System Power (±10%)	19W (300x300mm) 36W (600x600mm/300x1200mm)
System Efficiency	110lm/W
Luminaire Light Distribution	Wide Light Distribution
Color Temperature	4000K/6500K/TW Adjustable Temperature
Color Rendering Index	CRI80, CRI90
Light and Color Consistency	SDCM<4
Stroboscopic Value	<4%
Operating Temperature	0°C~+40°C (Ta 25°C)
Control Mode	PSU/PSD/WIA/TWH
IP Grade	IP20
Electrical Protection Level	Class I
Dimension (WxL)	295x295mm; 595x595mm; 295x1195mm; 595x1195mm
Installation Method	Recessed Installation
Lifetime	50,000 hrs@L70 B50

Light Distribution Curve



Note: Please refer to the product manual for specific light distribution

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Color Rendering	Control interface
RC420V G4 LED18/840 W30L30 PSU	19W	1800lm	4000K	>80	-
RC420V G4 LED18/850 W30L30 PSU	19W	1800lm	5000K	>80	-
RC420V G4 LED16/940 W30L30 PSU	19W	1710lm	4000K	>90	-
RC420V G4 LED16/950 W30L30 PSU	19W	1710lm	5000K	>90	-
RC420V G4 LED15/840 W30L30 PSD	19W	1800lm	4000K	>80	DALI
RC420V G4 LED15/850 W30L30 PSD	19W	1800lm	5000K	>80	DALI
RC420V G4 LED16/940 W30L30 PSD	19W	1710lm	4000K	>90	DALI
RC420V G4 LED16/950 W30L30 PSD	19W	1710lm	5000K	>90	DALI
RC420V G4 LED38/840 W30L120 PSU	36W	4000lm	4000K	>80	-
RC420V G4 LED38/850 W30L120 PSU	36W	4000lm	5000K	>80	-
RC420V G4 LED35/940 W30L120 PSU	36W	3780lm	4000K	>90	-
RC420V G4 LED35/950 W30L120 PSU	36W	3780lm	5000K	>90	-
RC420V G4 LED38/840 W30L120 PSD	36W	4000lm	4000K	>80	DALI
RC420V G4 LED38/850 W30L120 PSD	36W	4000lm	5000K	>80	DALI
RC420V G4 LED35/940 W30L120 PSD	36W	3780lm	4000K	>90	DALI
RC420V G4 LED35/950 W30L120 PSD	36W	3780lm	5000K	>90	DALI
RC420V G4 LED38/8TW W30L120	37W	3900lm	2700K-6500K	>80	DALI
RC420V G4 LED38/9TW W30L120	37W	3680lm	2700K-6500K	>90	DALI
RC420V G4 LED38/840 W60L60 PSU	36W	4000lm	4000K	>80	-
RC420V G4 LED38/850 W60L60 PSU	36W	4000lm	5000K	>80	-
RC420V G4 LED35/940 W60L60 PSU	36W	3630lm	4000K	>90	-
RC420V G4 LED35/950 W60L60 PSU	36W	3630lm	5000K	>90	-
RC420V G4 LED38/840 W60L60 PSD	36W	4000lm	4000K	>80	DALI
RC420V G4 LED38/850 W60L60 PSD	36W	4000lm	5000K	>80	DALI
RC420V G4 LED35/940 W60L60 PSD	36W	3630lm	4000K	>90	DALI
RC420V G4 LED35/950 W60L60 PSD	36W	3630lm	5000K	>90	DALI
RC420V G4 LED38/8TW W60L60	39W	3750lm	2700K-6500K	>80	DALI
RC420V G4 LED38/9TW W60L60	39W	3540lm	2700K-6500K	>90	DALI
RC420V G4 LED38/840 W603L603 PSU	36W	3850lm	4000K	>80	-
RC420V G4 LED38/850 W603L603 PSU	36W	3850lm	5000K	>80	-
RC420V G4 LED35/940 W603L603 PSU	36W	3630lm	4000K	>90	-
RC420V G4 LED35/950 W603L603 PSU	36W	3630lm	5000K	>90	-
RC420V G4 LED38/840 W603L603 PSD	36W	3850lm	4000K	>80	DALI
RC420V G4 LED38/850 W603L603 PSD	36W	3850lm	5000K	>80	DALI
RC420V G4 LED35/940 W603L603 PSD	36W	3630lm	4000K	>90	DALI
RC420V G4 LED35/950 W603L603 PSD	36W	3630lm	5000K	>90	DALI
RC420X G4 LED37/840 W60L60 WIA	35W	3700lm	4000K	>80	WIA
RC420X G4 LED37/840 W30L120 WIA	35W	3700lm	4000K	>80	WIA

CoreLine Recessed gen3 RC136B



Commercial

PHILIPS

interact ready.



Square Version (RC136B W60L60)



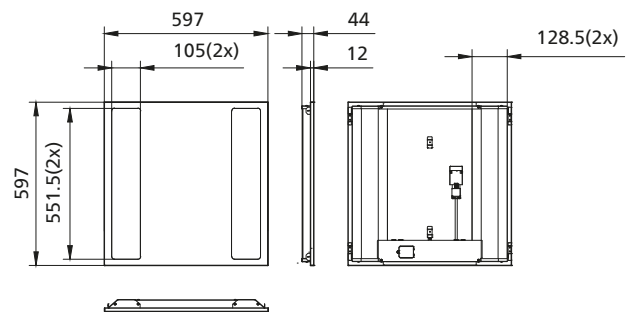
Rectangular version (RC136B W30L120)



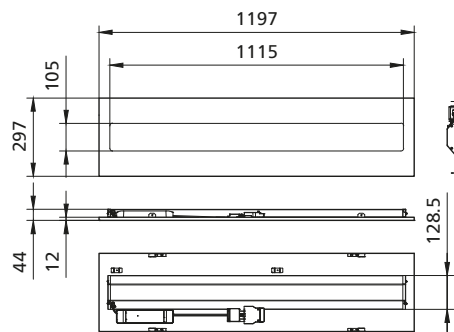
Clip-on connector for fast, tool-free installation

The efficient, comfortable recessed LED for work areas

- Guaranteed energy savings thanks to high luminous efficacy: up to 140 lm/W
- 3-in-1 Multi-lumen luminaire for increased flexibility: selection of the luminous flux best suited to the application directly on the luminaire via switch
- Quick and easy to install: snap-on connector for tool-free installation
- Excellent lighting comfort thanks to microprismatic diffusers and flicker-free, high-quality drivers
- Luminaire classified as photobiological risk group zero(RG0)
- Optional accessories: kit for ceiling/pendant/cut-out ceiling mounting
- Available in an Interact ready connected version for enhanced optimization of consumption, thanks to easy adaptation of luminous flux levels to actual building requirements



Square version (RC136B W60L60)



Rectangular version (RC136B W30L120)

Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Square recessed, Interact ready (WIA), UGR19 (OC)					
RC136B 40S/830 WIA W60L60 OC	4 000	31	135	3 000	84
RC136B 43S/840 WIA W60L60 OC	4 300	31	140	4 000	84
RC136B 43S/840 WIA W30L120 OC	4 300	31	140	4 000	84
Square recessed, Multi Lumen, non-dimmable (PSU) or with DALI 2 dimming (PSD)					
RC136B 31S_37S_43S/840 PSU W60L60 OC	3100-3700-4300	22-26-31	141-142-139	4000	84
RC136B 28S_34S_40S/830 PSD W60L60 OC	2800-3400-4000	22-26-31	127-131-129	3000	84
RC136B 31S_37S_43S/840 PSD W60L60 OC	3100-3700-4300	22-26-31	141-142-139	4000	84
Rectangular recessed, Multi Lumen, with DALI 2 dimming (PSD)					
RC136B 31S_37S_43S/840 PSD W30L120 OC	3100-3700-4300	22-26-31	141-142-139	4000	84
RC136B 28S_34S_40S/830 PSD W30L120 OC	2800-3400-4000	22-26-31	127-131-129	3000	84

Accessoires

Ceiling mounting frame for square version RC136B W60L60

RC132Z SMB W60L60

Suspension kit for non-dimmable versions (PSU) and Interact ready versions (WIA)

RC132Z SME-3 WH

Suspension kit for versions with DALI dimming (PSD)

RC132Z SME-4 WH

False ceiling clips with cut-out for square and rectangular versions

RC132Z SMB-PLC

GreenPerform Panel RC160V/SP160P

Commercial

PHILIPS
interact
ready.

Ultra-Thin LED Flat Panel Lamp Pure and Bright

Philips GreenPerform Panel RC160V/ SP160P is an office LED lighting product that uses side emitting technology to achieve a large degree of energy saving and CO2 emission reduction. Its slim design is not only suitable for recessed installation, but also in line with the miniaturization market trend of lifting applications, and its efficient and bright optical performance creates a comfortable office environment for you.

Product features

Energy Efficient

High efficacy slim profile office luminaire with efficiency $\geq 110\text{lm/W}$

Ultra Thin Design

Height only 8.3mm

Excellent Glare Rating

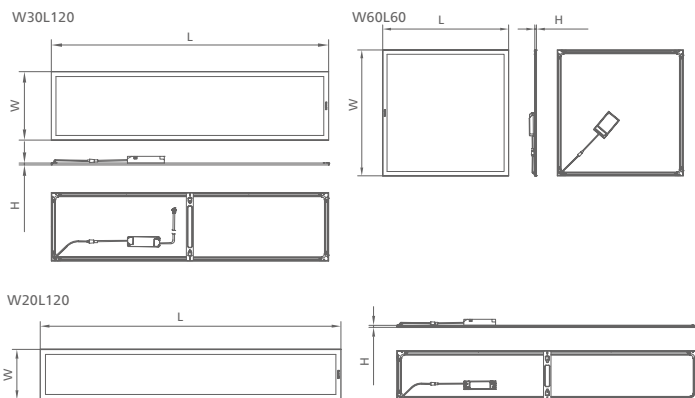
CRI >80 , SDCM <4 , no video flash Glare as low as 16, soft and comfortable

Long Service Lifetime

Up to 50,000 hours of lifetime

Smart Connectivity and Control Options

Multiple intelligent interconnection solutions available: IAP, IAO, PoE, TW,WIA



Model	L(mm)	W(mm)	H(mm)
W30L120 PSU	295	1195	8.3
W30L120 UVG	295	1195	8.3
W60L60 PSD	595	595	8.3
W60L60 PSU PCV	597	597	11.5
W60L60 PSU UVG	595	595	8.3
W60L60 PSU	595	595	8.3
W20L120 PSU	200	1195	8.3
W20L120 UVG	200	1195	8.3

Main Applications

- Office Areas
- General Area
- Lighting of Commercial Buildings
- Educational Institutes
- Public Buildings



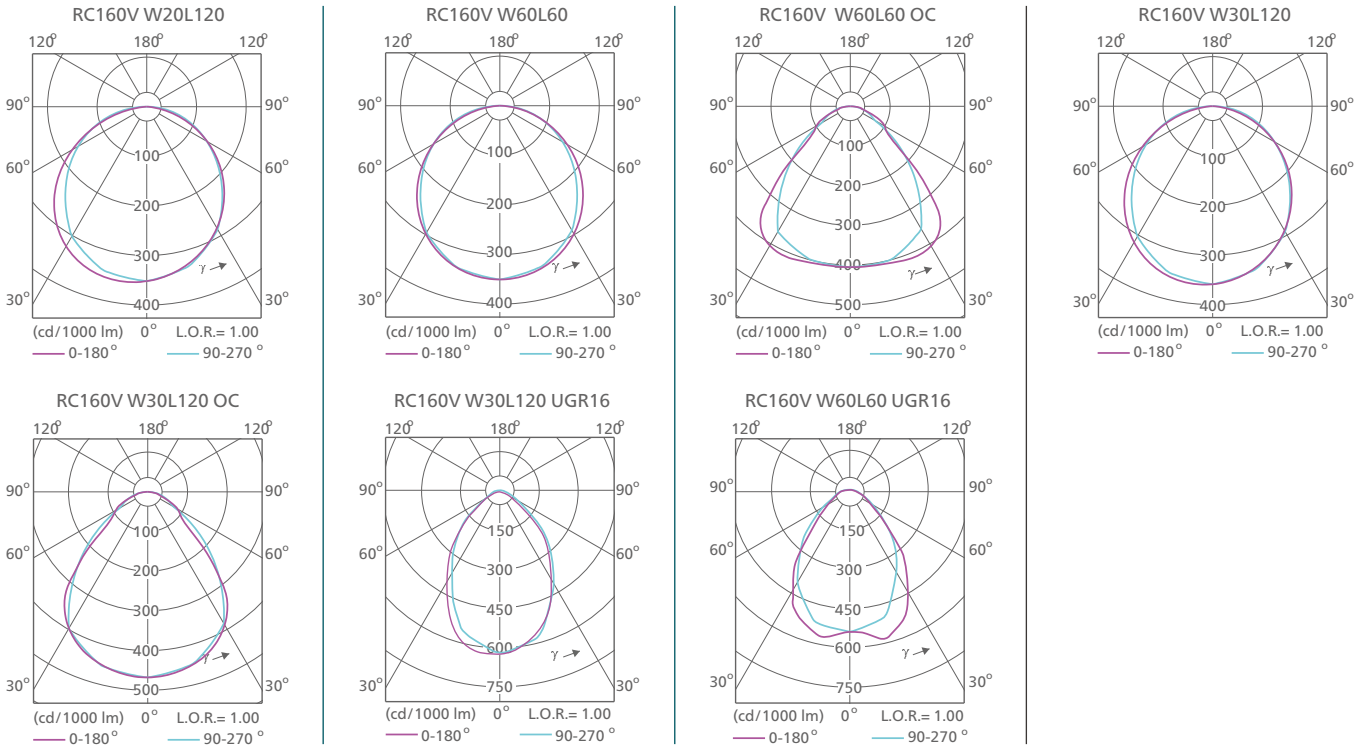
Commercial

Technical Parameters

Product Model	GreenPerform Panel RC160V/SP160P
Lumen Output (±10%)	2000lm/3000lm/4000lm/6000lm
System Power (±10%)	20W/28W/36W/55W
System Efficiency (±10%)	≥110 lm/W
Luminaire Light Distribution	Wide light distribution/light up and down (suspension)
Glare Index	16/19/22
Color Temperature	4000K/6500K/TW Adjustable Color Temperature
Color Rendering Index	80
Light and Color Consistency	SDCM<4
Stroboscopic Value	<4%
Operating Temperature	-20°C~+45°C (Ta 25°C)
Control Mode	PSU/PSD/WIA
IP Grade	IP20/IP44 (Front)
Electrical Protection Level	Class II(PSU), Class I (PSD WIA)
Dimension (WxP)	VPC: 595x595mm; 1195x295mm, 1195x200mm, 1195x595mm CPC: 600x600mm PCV: 595x595mm SP: 597x597mm; 1197x297mm, 1195x595mm, 1197x202mm
Installation Method	Recessed Installation (T-shaped Keel/Integrated Ceiling/Gypsum Board) Suspension Installation
Lifetime	50,000 Hours @L70 B50

Light Distribution Curve

Commercial



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

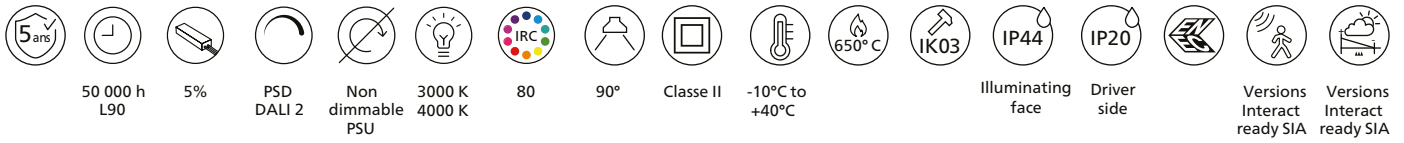
Product Model	Power	Lumen Output	Color Temperature	Size	Installation Method
RC160V LED40S 865 W60L60 PSD	36W	4000lm	6500K	595x595x8.3mm	Recessed
RC160V LED40S 840 W60L60 PSD	36W	4000lm	4000K	595x595x8.3mm	Recessed
RC160V LED40S 840 W60L60 PCV	36W	4000lm	4000K	597x597x10.5mm	Recessed
RC160V LED40S 840 W30L120 PSU	36W	4000lm	4000K	1195x295x8.3mm	Recessed
RC160V LED40S 865 W60L60 PSU	36W	4000lm	6500K	595x595x8.3mm	Recessed
RC160V LED40S 840 W60L60 PSU	36W	4000lm	4000K	595x595x8.3mm	Recessed
RC160V LED30S 865 W60L60 PSU	28W	3000lm	6500K	595x595x8.3mm	Recessed
RC160V LED30S 840 W60L60 PSU	28W	3000lm	4000K	595x595x8.3mm	Recessed
RC160V LED20S 840 W20L120 PSU	20W	2000lm	4000K	1195x200x8.3mm	Recessed
RC160V LED29S 840 W30L120 PSU UGR16	28W	2900lm	4000K	1197x297x11.5mm	Recessed
RC160V LED29S 840 W60L60 PSU UGR16	28W	2900lm	4000K	595x595x8.3mm	Recessed
RC160V LED40S 840 W60L60 CPC	36W	4000lm	4000K	600x600x20mm	Recessed
RC160V LED60S 840 W60L120 PSU	55W	6000lm	4000K	1195x595x10mm	Recessed
SP160P LED20S 840 W20L120 PSU CD	20W	2000lm	4000K	1197x202x11.5mm	Suspension
SP160P LED60S 840 W60L120 PSU	55W	6000lm	4000K	1195x595x10mm	Suspension
SP160P LED40S 840 W30L120 PSU	36W	4000lm	4000K	1197x297x11.5mm	Suspension
SP160P LED20S 840 W20L120 PSU	20W	2000lm	4000K	1197x202x11.5mm	Suspension
SP160P LED40S 840 W60L60 PSU	36W	4000lm	4000K	597x597x11.5mm	Suspension

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Color Temperature	Drive	Installation Method
RC160X LED40S 840 W60L60 IAO	4000K	IAO	Recessed
RC160X LED40S 840 W60L60 OC IAO	4000K	IAO	Recessed
RC160X LED40S 840 W30L120 IAO	4000K	IAO	Recessed
RC160X LED40S 840 W30L120 OC IAO	4000K	IAO	Recessed
RC160X LED40S 865 W30L120 OC IAO	6500K	IAO	Recessed
RC160X LED40S 840 W60L60 POE SL OC IP44	4000K	PoE	Recessed
RC160X LED40S 840 W60L60 POE MA	4000K	PoE	Recessed
RC160X LED40S 840 W60L60 POE SL	4000K	PoE	Recessed
RC160X LED40S 840 W60L60 POE MA OC	4000K	PoE	Recessed
RC160X LED40S 840 W60L60 POE SL OC	4000K	PoE	Recessed
RC160X LED40S 840 W60L60 SW	4000K	SW	Recessed
RC160X LED40S 840 W60L60 OC SW	4000K	SW	Recessed
RC160X LED40S 840 W30L120 OC SW	4000K	SW	Recessed
RC160X LED40S 840 W30L120 SW	4000K	SW	Recessed
RC160X LED40S TW W60L60 PSD	Adjustable Color Temperature	PSD	Recessed
RC160X LED40S TW W60L60 PSD OC IP44	Adjustable Color Temperature	PSD	Recessed
SP160X LED20S TW W20L120 PSD CD	Adjustable Color Temperature	PSD	Suspension
SP160P LED40S 840 W60L60 PSU SI	4000K	PSU	Suspension
SP160P LED40S 840 W30L120 PSU SI	4000K	PSU	Suspension
SP160P LED20S 840 W20L120 PSU CI	4000K	PSU	Suspension
RC160X LED40/840 W60L60 WIA	4000K	WIA	Recessed
RC160X LED40/840 W30L120 WIA	4000K	WIA	Recessed
RC160X LED40/840 W60L120 WIA	4000K	WIA	Recessed
RC160X LED40/840 W60L60 WIA OC	4000K	WIA	Recessed
RC160X LED40/840 W30L120 WIA OC	4000K	WIA	Recessed
RC160X LED40/840 W60L120 WIA OC	4000K	WIA	Recessed

CoreLine Panel gen5 RC132V G5



Commercial

PHILIPS

interact ready.



High-performance, easy-to-install panel, ideal for workspaces

- Low operating costs thanks to low power consumption and long life, reducing maintenance costs
- Excellent lighting comfort : zero photo biological risk, flicker-free, microprismatic diffuser on UGR19 (OC) versions, ideal for offices
- Easy installation thanks to detachable quick-connect connector with default spacing
- Available in a Multi lumen 3-in-1 version (with the option of changing the light flow by means of a switch) and an Interact ready connected version, with and without integrated presence/luminosity multi-sensor, for maximum energy savings
- Full range of optional mounting accessories (safety film included by default)



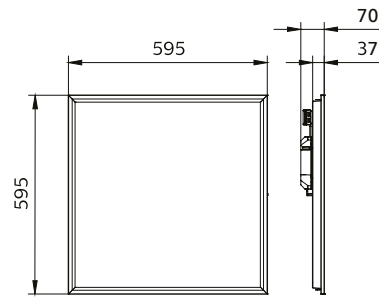
Rectangular version



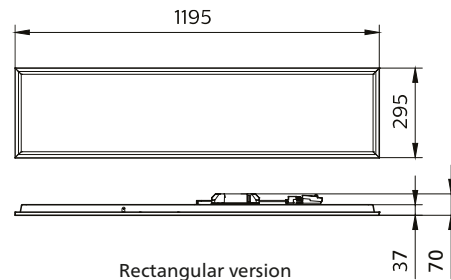
Clip-on connector equipped for fast, tool-free installation



CoreLine Panel gen5 Interact ready with integrated multisensor



Square version



Rectangular version

Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Interact ready version					
Interact ready version with integrated presence / brightness multi-sensor (IA4), UGR19(OC)					
RC132V G5 40S/830 SIA W60L60 OC IA4	4 000	36	111	3 000	90
RC132V G5 43S/840 SIA W60L60 OC IA4	4 300	36	119	4 000	90
Interact ready square panel without integrated sensor (WIA), UGR19 (OC) or UGR22 (NOC)					
RC132V G5 34S/830 WIA W60L60 OC	3 400	28,5	119	3 000	90
RC132V G5 36S/840 WIA W60L60 OC	3 600	28,5	126	4 000	90
RC132V G5 43S/840 WIA W60L60 OC	4 300	34,5	125	4 000	90
RC132V G5 34S/830 WIA W60L60 NOC	3 400	28,5	119	3 000	90
RC132V G5 36S/840 WIA W60L60 NOC	3 600	28,5	126	4 000	90
Interact ready rectangular panel without integrated sensor (WIA), UGR19 (OC) or UGR22 (NOC)					
RC132V G5 36S/840 WIA W30L120 OC	3 600	28,5	126	4 000	90
RC132V G5 36S/840 WIA W30L120 NOC	3 600	28,5	126	4 000	90
Non-dimmable & DALI 2 dimmable versions					
Square panel, non-dimmable (PSU), UGR19 (OC)					
RC132V G5 34S/830 PSU W60L60 OC	3 400	28,5	119	3 000	90
RC132V G5 36S/840 PSU W60L60 OC	3 600	28,5	126	4 000	90
Square panel, multi-lumen, non-dimmable (PSU), UGR19 (OC)					
RC132V G5 29_34_40S/830 PSU W60L60 OC	4 000	24,5 - 28,5 - 34,5	119	3 000	90
RC132V G5 31_36_43S/840 PSU W60L60 OC	4 300	24,5 - 28,5 - 34,5	126	4 000	90
Square panel, dimmable DALI 2 (PSD), Touch&Dim operation, UGR19 (OC)					
RC132V G5 34S/830 PSD W60L60 OC	3 400	28,5	119	3 000	90
RC132V G5 36S/840 PSD W60L60 OC	3 600	28,5	126	4 000	90
RC132V G5 48S/840 PSD W60L60 OC	4 800	40	120	4 000	90
Square panel, Multi-lumen, dimmable DALI 2 (PSD), Touch&Dim operation, UGR19 (OC)					
RC132V G5 31_36_43S/840 PSD W60L60 OC	4 300	24,5 - 28,5 - 34,5	126	4 000	90
Rectangular panel, non-dimmable (PSU), UGR19 (OC)					
RC132V G5 36S/840 PSU W30L120 OC	3 600	28,5	126	4 000	90
Rectangular panel, dimmable DALI 2 (PSD), Touch&Dim operation, UGR19 (OC)					
RC132V G5 34S/830 PSD W30L120 OC	3 400	28,5	119	3 000	90
RC132V G5 36S/840 PSD W30L120 OC	3 600	28,5	126	4 000	90
Accessoires					
Ceiling surface mounting frame for square version					
RC132Z G5 SMB W60L60					
Ceiling surface mounting frame for rectangular version					
RC132Z G5 SMB W30L120					
Suspension kit for non-dimmable (PSU) and Interact ready (WIA/WIA) versions					
RC132Z G5 SME-3 WH					
Suspension kit for versions with DALI dimming (PSD)					
RC132Z G5 SME-4 WH					

GreenPerform Troffer RC100C

Commercial

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interact
ready.



LED Office Solution Energy Saving

GreenPerform Troffer RC 100 is a cost effective and energy efficient LED lamp. The efficiency is increased to 125 lm/W which can be equipped with all Philips intelligent systems and to provide various intelligent lighting solutions. The slim integrated design takes up little space is suitable for various indoor occasions, and can achieve one to one replacement with traditional lamps.

Product features

Energy Saving and High Efficiency

It can be equipped with all Philips intelligent systems with increased efficiency of 125 lm/w

Slim Design

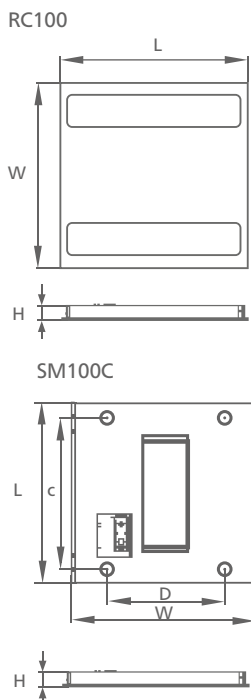
Slim integrated design, small footprint, height less than 46mm

Excellent Glare Rating

Uniform light surface without dark area CRI>80, SDCM<4, no flickering

Reliable Quality

UGR19 version available with up to 50,000 hours of life (L70)



Model	L(mm)	W(mm)	H(mm)	C(mm)	D(mm)
RC100W60L60	597	597	46	-	-
RC100W30L120	1197	297	46	-	-
RC100W60L120	1197	597	46	-	-
SM100CW60L60	597	597	56	492	382
SM100CW30L120	1197	297	56	190	943
SM100CW60L120	1197	597	56	190	943

Main Applications

- Public Area
- Open Office
- Conference Room
- Training Room

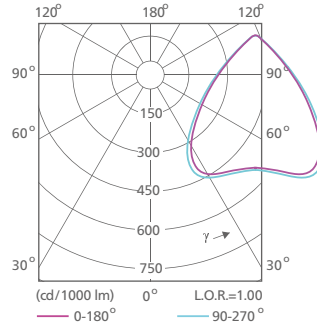
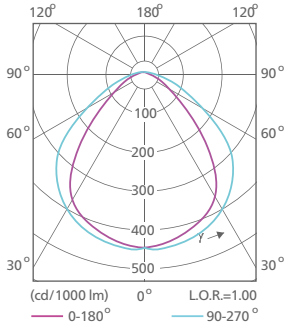


Commercial

Technical Parameters

Product Model	GreenPerform Troffer RC100B
Lumen Output ($\pm 10\%$)	2700lm/3700lm/5400lm
System Power ($\pm 10\%$)	23W/32W/44W
System Efficiency ($\pm 10\%$)	120lm/W
Luminaire Light Distribution	Wide Light Distribution
Glare Index	19/22
Color Temperature	4000K/6500K
Color Rendering Index	80
Light And Color Consistency	SDCM<4
Stroboscopic Value	<4%
Operating Temperature	-20°C~+45°C (Ta 25°C)
Control Mode	PSU/PSD/WIA
IP Grade	IP20/IP40 (Light source area)
Electrical Protection Level	Class I
Dimension (WxL)	597x597mm 297x1197mm 597x1197mm
Installation Method	Recessed Installation Ceiling Installation
Lifetime	50,000 hours @L70 B50

Light Distribution Curve



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Lumen Output	Color Temperature	Color Rendering	Size
RC100B LED27S 840 W60L60 PSU G3	2700lm	4000K	≥80	597x597x46mm
RC100B LED27S 865 W60L60 PSU G3	2700lm	6500K	≥80	597x597x46mm
RC100B LED27S 840 W60L60 PSU OC G3	2880lm	4000K	≥80	597x597x46mm
RC100B LED37S 840 W60L60 PSU G3	3700lm	4000K	≥80	597x597x46mm
RC100B LED37S 865 W60L60 PSU G3	3700lm	6500K	≥80	597x597x46mm
RC100B LED37S 840 W60L60 PSD G3	3700lm	4000K	≥80	597x597x46mm
RC100B LED37S 865 W60L60 PSD G3	3700lm	6500K	≥80	597x597x46mm
RC100B LED37S 840 W60L60 PSD OC G3	3880lm	4000K	≥80	597x597x46mm
RC100X LED37S 840 W60L60 SW G3	3700lm	4000K	≥80	597x597x46mm
RC100X LED37S 840 W60L60 IAO G3	3700lm	4000K	≥80	597x597x46mm
RC100X LED37S 865 W60L60 IAO G3	3700lm	6500K	≥80	597x597x46mm
RC100X LED37S 840 W60L60 IAR G3	3700lm	4000K	≥80	597x597x46mm
RC100X LED37S 840 W60L60 POE SL G3	3700lm	4000K	≥80	597x597x46mm
RC100X LED37S 865 W60L60 POE SL G3	3700lm	6500K	≥80	597x597x46mm
RC100X LED37S 840 W60L60 POE MA G3	3700lm	4000K	≥80	597x597x46mm
RC100B LED37S 840 W30L120 PSU G3	3700lm	4000K	≥80	1197x597x46mm
RC100B LED37S 840 W30L120 PSD G3	3700lm	4000K	≥80	1197x597x46mm
RC100B LED37S 840 W30L120 PSD OC G3	3880lm	4000K	≥80	1197x597x46mm
RC100X LED37S 840 W30L120 IAO G3	3700lm	4000K	≥80	1197x597x46mm
RC100X LED37S 840 W30L120 POE SL G3	3700lm	4000K	≥80	1197x597x46mm
RC100X LED37S 840 W30L120 POE MA G3	3700lm	4000K	≥80	1197x597x46mm
RC100B LED54S 840 W60L120 PSU G3	5400lm	4000K	≥80	1197x597x46mm
SM100C LED27S 840 W60L60 PSU G3	2700lm	4000K	≥80	597x597x56mm
SM100C LED27S 865 W60L60 PSU G3	2700lm	6500K	≥80	597x597x56mm
SM100C LED37S 840 W60L60 PSU G3	3700lm	4000K	≥80	597x597x56mm
SM100C LED37S 865 W60L60 PSU G3	3700lm	6500K	≥80	597x597x56mm
SM100C LED37S 840 W60L60 PSD G3	3700lm	4000K	≥80	597x597x56mm
SM100C LED37S 840 W30L120 PSU G3	3700lm	4000K	≥80	1197x597x56mm
SM100C LED37S 840 W30L120 PSD G3	3700lm	4000K	≥80	1197x597x56mm
SM100C LED54S 840 W60L120 PSU G3	5400lm	4000K	≥80	1197x597x56mm
SM100C LED54S 840 W60L120 PSD G3	5400lm	4000K	≥80	1197x597x56mm
RC100X LED37/840 W60L60 WIA	3700lm	4000K	>80	597x597x46mm
RC100X LED37/840 W30L120 WIA	3700lm	4000K	>80	297x1197x46mm

GreenPerform Direct Panel RC099V G2

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Smart and Efficient LED Backlit Panel (Latest Generation)

Direct Panel RC099V G2 inherits the minimalist styling of the previous generation with an ultra slim design, high quality lighting performance, a full size range, ease of use, and low UGR options for office applications.

Product features

Energy Efficiency

The efficiency is as high as 110lm/W

Extensive Product Range

From 600x600mm/300x1200mm to 600x1200mm, 4000K/5000K/65000K CCT, VPC/CPC installation for office applications can be selected

Excellent Glare Rating

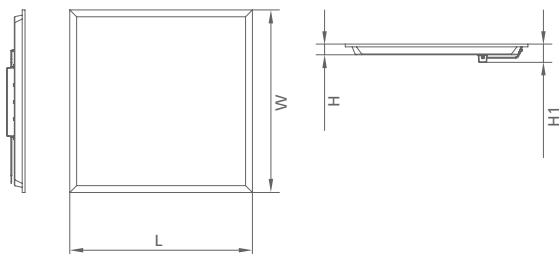
Suitable for office scenarios with low UGR requirements

Slim Profile Back-lit Technology

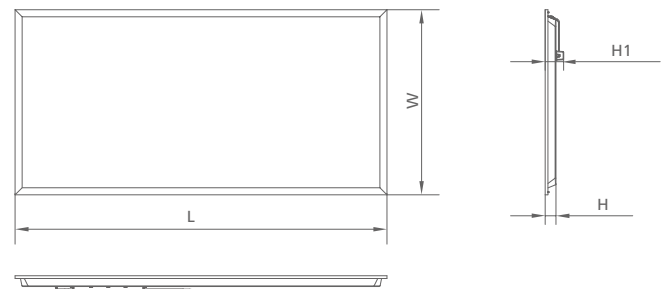
The total height is only 35mm, which is completely suitable for installation in key areas

Model	L(mm)	W(mm)	H(mm)	H1(mm)
RC099V G2 W60L60	595	595	35	59.2
RC099V G2 W60L120	1195	595	35	59.2
RC099V G2 W30L120	1195	295	35	59.2

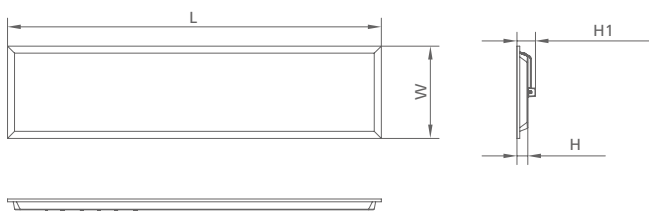
RC099V G2 W60L60



RC099V G2 W60L120



RC099V G2 W30L120



Commercial

Main Applications

- Office area
- Retail (small convenience stores)
- Medical and Healthcare Facilities
- Indoor General Area Lighting

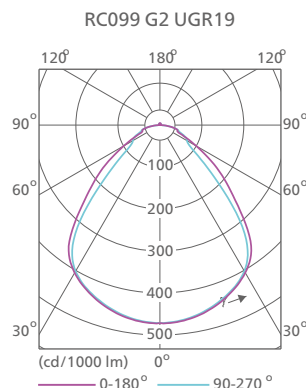
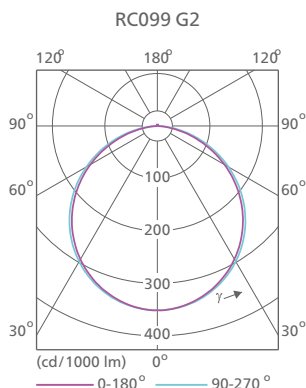


Technical Parameters

Product Model	Smart Direct Panel RC099V G2
Lumen Output	3600lm/3800lm/5400lm
System Power	35W/45W
System Efficiency	110lm/W; 100lm/W (OC Version)
Luminaire Light Distribution	Wide Light Distribution
Glare Index	19/22
Color Temperature	4000K/5000K/6500K
Color Rendering Index	80
Light And Color Consistency	SDCM<4
Stroboscopic Value	<4%
Operating Temperature	-20°C~+45°C (Ta 25°C)
Control Mode	PSU/PSD/WIA
IP Grade	IP20
Electrical Protection Level	Class I
Dimension (WxL)	597x597mm/297x1197mm/597x1197mm
Installation Method	Recessed Installation (T-Shaped Keel/Gypsum Board) Suspension Installation
Lifetime	50,000 Hours @L70 B50

*Standard Tolerance = ±10%

Light Distribution Curve



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Color Rendering
RC099V G2 LED38/840 PSU W60L60	35W	3800lm	4000K	>80
RC099V G2 LED38/850 PSU W60L60	35W	3800lm	5000K	>80
RC099V G2 LED38/865 PSU W60L60	35W	3800lm	6500K	>80
RC099V G2 LED38/840 PSU W30L120	35W	3800lm	4000K	>80
RC099V G2 LED38/850 PSU W30L120	35W	3800lm	5000K	>80
RC099V G2 LED38/865 PSU W30L120	35W	3800lm	6500K	>80
RC099V G2 LED54/840 PSU W60L120	45W	5400lm	4000K	>80
RC099V G2 LED54/850 PSU W60L120	45W	5400lm	5000K	>80
RC099V G2 LED54/865 PSU W60L120	45W	5400lm	6500K	>80
RC099V G2 LED36/840 PSU W60L60 OC	35W	3600lm	4000K	>80
RC099V G2 LED36/850 PSU W60L60 OC	35W	3600lm	5000K	>80
RC099V G2 LED36/865 PSU W60L60 OC	35W	3600lm	6500K	>80
RC099V G2 LED36/840 PSU W30L120 OC	35W	3600lm	4000K	>80
RC099V G2 LED36/850 PSU W30L120 OC	35W	3600lm	5000K	>80
RC099V G2 LED36/865 PSU W30L120 OC	35W	3600lm	6500K	>80
RC099V G2 LED50/840 PSU W60L120 OC	45W	5000lm	4000K	>80
RC099V G2 LED50/850 PSU W60L120 OC	45W	5000lm	5000K	>80
RC099V G2 LED50/865 PSU W60L120 OC	45W	5000lm	6500K	>80
RC099X G2 LED38/840 W60L60 WIA	35W	3800lm	4000K	>80
RC099X G2 LED38/840 W30L120 WIA	35W	3800lm	4000K	>80
RC099X G2 LED54/840 W60L120 WIA	45W	5400lm	4000K	>80

Commercial

Commercial

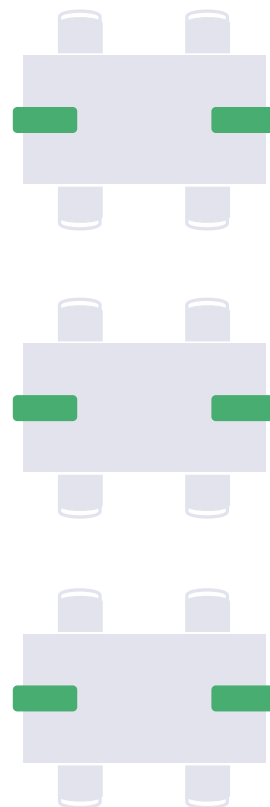


Example of installation in Open Space

SmartBalance FFS gen2 floor luminaires for offices

SmartBalance FFS gen2 floor-mounted luminaires are ideal for office spaces where there is no general lighting source, or where the general lighting level is not sufficient to work efficiently at the desk.

Ceiling height	3,2 m
Mounting height	2 m
Reflectance factors (ceiling/wall/floor)	70% / 50% / 20%
Maintenance factor	0,8
Work area - Em	730 lux
Work area - Uo	0,82
Surroundings - Em	450 lux
Surroundings - Uo	0,45
SmartBalance FFS	FS485F 1x125S/940 125S



SmartBalance FFS gen2 FS485F/ FS486F



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FS486F - right-angle edges - Gray



U-shaped foot - Gray

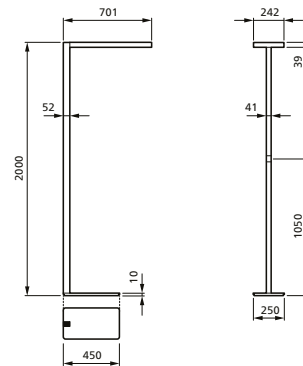
Rectangular foot - Gray

Push button

Comprehensive selection of product codes available, contact Signify Middle East.

The floor lamp that combines performance and intelligent design

- Flexible solution for your office
- Excellent visual comfort to enhance well-being at work
- Homogeneous, direct and indirect lighting with high light output : up to 15,000 lm
- Equipped with an ActiLume management system and a push- button for lighting customization
- 3 finishes available : white, black and gray
- 2 head formats: right angles or rounded edges
- 2 foot formats: rectangular or U-shaped



Dimensions in mm

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Indirect/direct lighting, FS485F = Head with rounded edges, ACL = ActiLume (with sensor), push-button dimming, REC = Rectangular base, WH = White					
FS485F 125S/940 PSD-T ACL REC WH	12 500	90	139	4 000	102
FS485F 150S/940 PSD-T ACL REC WH	15 000	110	136	4 000	102
Indirect/direct lighting, FS485F = Head with rounded edges, ACL = ActiLume (with sensor), push-button dimming, U = U-shaped foot, BK = Black WH = White SI=Grey					
FS485F 125S/940 PSD-T ACL U BK	12 500	90	139	4 000	102
FS485F 125S/940 PSD-T ACL U SI	12 500	90	139	4 000	102
FS485F 150S/930 PSD-T ACL U WH	15 000	118	127	3 000	102
FS485F 150S/940 PSD-T ACL U BK	15 000	110	136	4 000	102
FS485F 150S/940 PSD-T ACL U SI	15 000	110	136	4 000	102
FS485F 150S/940 PSD-T ACL U WH	15 000	110	136	4 000	102
Indirect/direct lighting, FS485F = Head with rounded edges, BSWD = Switch, REC = Rectangular foot, WH= White					
FS485F 125S/930 PSD-T BSWD REC WH	12 500	97	129	3 000	102
FS485F 125S/940 PSD-T BSWD REC WH	12 500	90	139	4 000	102
Indirect/direct lighting, FS485F = Head with rounded edges, BSWD = Switch, U = U-shaped foot, WH = White					
FS485F 150S/940 PSD-T BSWD U WH	15 000	110	136	4 000	102
Indirect/direct lighting, FS486F = Head with rounded edges, ACL = ActiLume (with sensor), push-button dimming, U = U-shaped foot, BK = Black WH = White SI = Grey					
FS486F 125S/940 PSD-T ACL U BK	12 500	90	139	4 000	102
FS486F 150S/940 PSD-T ACL U BK	15 000	110	136	4 000	102
FS486F 150S/940 PSD-T ACL U SI	15 000	110	136	4 000	102
FS486F 150S/940 PSD-T ACL U WH	15 000	110	136	4 000	102
Indirect/direct lighting, FS486F = Head with right angles, BSWD = Switch, REC = Rectangular foot, WH = White					
FS486F 125S/940 PSD-T BSWD REC WH	12 500	90	139	4 000	102
Indirect/direct lighting, FS486F = Head with right angles, BSWD = Switch, U = U-shaped foot, WH = White					
FS486F 125S/940 PSD-T BSWD U WH	12 500	90	139	4 000	102

Linear Ceiling and Suspension Luminaires

Compare the features of our selection of linear, ceiling lights and suspensions to choose the version best suited to your needs.



Portfolio Summary

Linear

TrueLine Linear Ceiling/ Suspension/ Recessed SP53XP/SM53XC



- Bright, slim and elegant line designed for architectural indoor and office spaces
- Can be placed in line
- 3 finish colors available: white, black or aluminum
- Visual comfort: UGR 19
- Excellent color rendering CRI 90
- Direct/indirect lighting options

KeyLine Linear Ceiling/ Suspension SM350C



- Bright, slim and elegant line
- Visual comfort: UGR 19
- 3 finish colors available: white, black or aluminum
- EU origin version available

SlimBalance G3 (SP570P) Linear Ceiling/Suspension/ Recessed SP570P/SP571P/ SM570C/RC570B



- Flexible platform in one family (Recessed, suspension, continuous mounting, up and downlight, surface-mount) with multiple width/length/height combinations.
- Functional linear offer providing good enough light performance (with UGR<19 option)
- Full System offers available (DALI/TNWW/Interact)
- Geometric shape options (L/T/X/Y joint connectors) for classic and modern office interiors

Ceiling Lights & Suspension

FlexBlend Ceiling light/ Suspension SP34XP/SM34XG



- Comfortable light with different optics (Opal/Textured/MLO patented)
- 3 finish colors available: white, black or aluminum
- Visual comfort: UGR < 19
- Direct/ Indirect light options
- EU origin version available

Coreline Ceiling gen3 SM136V



- Multilumen 3-in-1 luminaire with the option of choosing between 3 flux levels via a switch on the back of the luminaire

Continuous Line RC700B



- Simple and elegant appearance
- Full range product selection Interact Pro, Dali control optional.
- High efficacy 115 lm /w
- High CRI > 80/90. SDCM < 4 and no stroboscopic.
- It can be installed independently or continuously. Continuous installation without dark area design. Two end cover designs blend with interiors

Lighting direct / indirect possible	Eff. Lum.	Service life	Visual comfort	CRI	Luminance	Flicker	Photobio. risk	Dimensions	Connectivity	Warranty
Yes	Upto 152 lm/W	50 000 h L90	CRI 90	CRI 90	<3000 cd/m ²	Strobe effect SVM ≤ 0.4 Without Flicker PstLM ≤ 1	RG0	570 1130/1170 1410/1450 2250/2290 2810/2850	Interact Ready Versions Only Without Integrated Sensors	5 years
Yes	Upto 142 lm/W	50 000 h L90	CRI 16	CRI 90	<3000 cd/m ²	Strobe effect SVM ≤ 0.4 Without Flicker PstLM ≤ 1	RG0	1 200 1 500 1600(Version SM530C) 563 1124 1403 600x600	Interact Ready Versions Only Without Integrated Sensors	5 years
Yes	Upto 130lm/W	50,000 hours@ 70B50	UGR ≤19 UGR <22	CRI>80	N/A	Without Flicker	RG0	L: 600/ 1200/1500 W: 35/ 60/90/120	Interact Ready Versions Only Without Integrated Sensors	5 years
Yes	Upto 144 lm/W	50 000h L80	UGR 19 UGR 22	CRI 90	<3000 cd/m ²	Strobe effect SVM ≤ 0.4 Without Flicker PstLM ≤ 1	RG0	200x1200 200x1470 1200 1500	Interact Ready Versions Only Without Integrated Sensors	5 years
Yes	Upto 142 lm/W	50 000 h L85	UGR 19 UGR 22	CRI 90	<3000 cd/m ²	Without Flicker	RG0	200x1200 200x1500	Interact Ready Versions Only Without Integrated Sensors	5 years
No	Upto 108lm/W	50,000 hours@ L70 B50	UGR 19/22	CRI>80/ 90	-	Without Flicker	RG0	1200mm/ 900m/600mm x 120mm x 84mm L corner 420x120x84mm	Interact Ready Versions Only Without Integrated Sensors	5 years

Linear Ceiling and Suspension Luminaires

Compare the features of our selection of linear, ceiling lights and suspensions to choose the version best suited to your needs.



Portfolio Summary

GreenSpace Grill Luminaire RS386B/SM386C



- Multiple module combinations for flexible lumen output
- Available in two body colors
- Provided with three different beam angles to facilitate lighting designers
- Available in surface and recessed installations
- Available with Dali/110V control system interface

GreenUp Linear Luminaire White Series SM308C/SP308P



- Compact size and slim appearance versatile offering, available in multiple powers, beam angles, and color temperature
- Excellent glare control UGR<19
- Available in surface and suspension installation

GreenUp Linear Flex Linear Luminaire Black Series SP309P/RS309B



- Multiple Combinations of Linear Luminaires to Decorate Stylish Space
- variety of product combinations of floodlight and grid light
- The suspension version is provided with updown light source
- Flexible installation, available in recessed and suspension installation
- Compatible with multiple systems PSU and 110V control modes available

Lighting direct / indirect possible	Eff. Lum.	Service life	Visual comfort	CRI	Luminance	Flicker	Photobio. risk	Dimensions	Connectivity	Warranty
No	65lm/W	50,000 hours	<19	UGR 19	-	Without Flicker	RG0	RS386B: L45mm to 413mm; W45mm SM386C: L136mm to 402mm; W 35mm	No	5 years
No	Upto 98lm/W	25000 hours@ L70B50 (50K hrs ETO)	<19	80	-	Without Flicker	RG0	L765 to 1736 x W30 x H60mm	No	5years (ETO versions)
No	Upto 90lm/W	25000 hours@ L70B50 (50K hrs ETO)	<23	80	-	Without Flicker	RG0	SP309P: L1188 x W38 x H66 SP309P: L1175 x W46 x H85 RS309B: L1200 x W53 x H 38 to 62	No	5years (ETO versions)

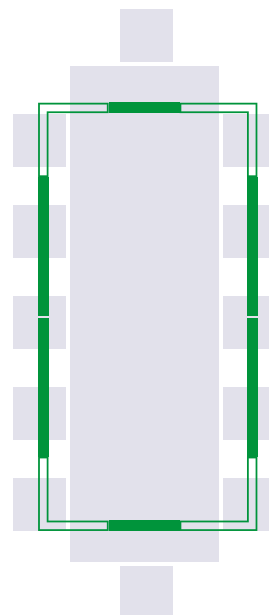


Example of meeting room installation

TrueLine suspension, the ideal solution for large meeting rooms

In meeting rooms, the emphasis needs to be placed in working area maintaining the general room ambiance and visual comfort. By combining a general lighting installation with direct light, we can create scenes where both the space and the screen are perfectly illuminated.

Ceiling height	3,5 m
Mounting height	2,4 m
Reflectance factors (ceiling/wall/floor)	70% / 50% / 20%
Maintenance factor	0,8
Work area - Em	801 lux
Work area - Uo	0,79
Surroundings - Em	525 lux
Surroundings - Uo	0,48
TrueLine Suspension	SP532P LED21S/940 PSD



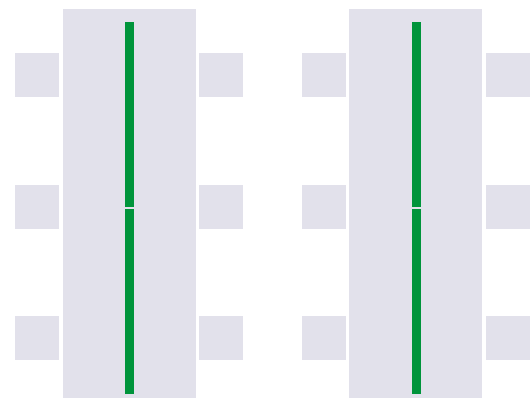


Example of installation in Open Space

TrueLine suspension, a line of light for workspaces

The use of TrueLine luminaires creates a more coherent space through subtle lines of light. A combination of direct and indirect light can create an atmosphere in which the emphasis is on office islands, while creating a bright, open space.

Ceiling height	3,5 m
Mounting height	2,5 m
Reflectance factors (ceiling/wall/floor)	70% / 50% / 20%
Maintenance factor	0,8
Work area - Em	715 lux
Work area - Uo	0,60
Surroundings - Em	400 lux
Surroundings - Uo	0,40
TrueLine Suspension	SP532P LED47S/940 PSD



TrueLine Suspension Interact ready



Commercial

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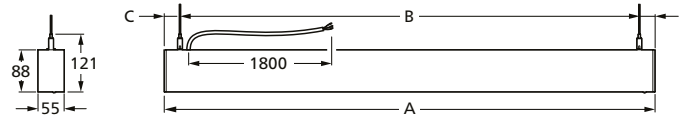
interact ready.



White ceiling version with Interact ready sensor

An elegant and connected lighting line for all commercial spaces

- Interact ready version with integrated presence/brightness multi- sensor
- Slim and elegant linear: 55mm wide
- Available with asymmetrical optics
- Efficient, comfortable solution : upto 150lm/W and UGR<19
- Luminaire classified as zero photobiological risk RG0
- CRI 90 for improved color rendering
- DALI2 driver 251 Luminaire Data/consumption 252/Diagnostics & Maintenance 253
- Strobe effect SVM ≤ 0.4 and flicker PstLM ≤ 1



Dimensions in mm	A	B
L1170	1170	1104
L1450	1449	1384
L2290	2 294	2 228
L2850	2 854	2 788

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Standalone suspension, DIRECT/INDIRECT, UGR19, U4=Interact, PI=pushbutton					
SP532P LED66S/940 SRD U4 PI3 SM2L1450ALU	6 600	47,5	139	4 000	80
Standalone suspension, UGR19, U4=Interact, PI=pushbutton					
SM530C LED34S/930 SRD U4 PI3 L1170 ALU	3 400	25	136	3 000	80
SM530C LED40S/940 SRD U4 PI3 L1170 ALU	4 000	28,5	140	4 000	80
SM530C LED43S/940 SRD U4 PI3 L1450 ALU	4 300	28,5	151	4 000	80
SM530C LED31S/940 SRD U4 PI3 L1450 ALU	3 100	21,5	144	4 000	80
SM530C LED43S/940 SRD U4 PI3 L1450 ALU	4 300	30,5	141	4 000	80
SM530C LED50S/940 SRD U4 PI3 L2290 BK	5 000	35,5	141	4 000	80
SM530C LED86S/940 SRD U4LF1 PI3 L2850ALU	8 600	61	141	4 000	80
Standalone suspension, DIRECT, UGR19, U4=Interact, PI=pushbutton					
SP530P LED40S/940 SRD U4 PI3 SM2L1170ALU	4 000	28	143	4 000	80
SP530P LED50S/940 SRD U4 PI5 SM2L2290 BK	5 000	36	139	4 000	80
SP530P LED62S/940 SDR U4 PI5 SM2L2850 BK	6 200	44	141	4 000	80
Standalone suspension, DIRECT/INDIRECT, UGR19, U4=Interact, PI=pushbutton					
SP532P LED47S/940 SRD U4 PI3 SM2L1450ALU	4 700	34	138	4 000	80
SP532P LED66S/940 SRD U4 PI3 SM2L1450ALU	6 600	47,5	139	4 000	80
SP532P LED98S/940 SRD U4 PI5 SM2L2290 BK	9 800	71	138	4 000	80



TrueLine Suspension Interact Ready



Commercial

PHILIPS

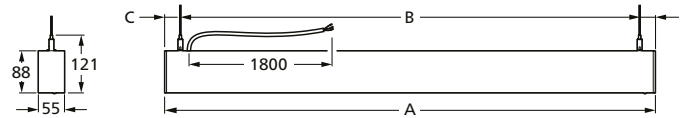


An elegant and connected lighting line for all commercial spaces

- Philips Tunable White technology is designed to help you maximize the influence of lighting on your daily life by adjusting color temperature and brightness levels
- Available with asymmetrical optics
- Slim and elegant lighting line : 55mm wide
- Continuous line-up possible
- Efficient, comfortable solution: up to 150 lm/W and UGR <19
- Luminaire classified as zero photobiological risk RG0
- CRI90 for improved color rendering
- DALI2 driver 251 Luminaire Data/consumption 252/ Diagnostics & Maintenance 253
- Strobe effect SVM ≤ 0.4 and flicker PstLM ≤ 1



White ceiling version



Dimensions in mm	A	B
L1130	1130	1064
L1170	1170	1104
LL1410	1409	1344
L1450	1449	1384
LL2250	2 253	2 187
L2290	2 294	2 228
LL2810	2 814	2 748
L2850	2 854	2 788

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Autonomous Ceiling Light, UGR19 TW, DALI2, PI5=push-button connector, BK=black/ WH=white/ ALU					
SM530C LED34S/TW9 DIA PI5 L1130 BK	3 400	27,5	124	27006 500	80
SM530C LED40S/TW9 DIA PI5 L1130 ALU	4 000	33	121	27006 500	80
Pendant Line, Direct/indirect, UGR19 TW, DALI2, PI5=push-button connector, BK=black/ WH=white/ ALU					
SP532P LED36S/TW9 DIA LF1 PI5 L1130 ALU	3 600	29	124	27006 500	80
Autonomous Ceiling Light, UGR19 TW, DALI2, PI5=push-button connector, BK=black/ WH=white/ ALU					
SM530C LED43S/TW9 SIA U4 L1450 ALU	4 300	35,5	121	27006 500	80
Autonomous Pendant, Direct, UGR19 TW, U4=Interact, PI5=push-button connector, BK=black/ WH=white/ ALU					
SP530P LED50S/TW9 SIA SM2 U4 L2290 ALU	5 000	40	125	27006 500	80
SP530P LED86S/TW9 SIA SM2 U4 L2850 ALU	8 600	71	121	27006 500	80
Autonomous Pendant, Direct/Indirect, UGR19 TW, U4=Interact, PI5=push-button connector, BK=black/ WH=white/ ALU					
SP532P LED66S/TW9 SIA PI3 U4 L1450 BK	6 600	57	116	27006 500	80

TrueLine Suspension SP530P / SP532P

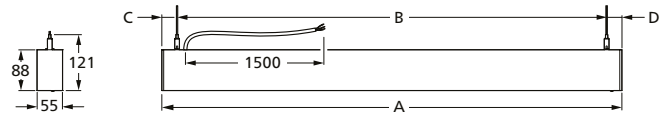


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A luminous and elegant line for all commercial spaces

- Slim and elegant lighting line : 55 mm wide
- Very comfortable solution:UGR 18 + direct and indirect lighting UGR 16
- Excellent color rendering:CRI90 (RA<50)
- Dimensions of the luminaire designed in collaboration with recognized architects
- Efficient solution:upto141lm/W



Dimensions in mm	A	B
L1130	1130	1064
L1170	1170	1104
L1410	1409	1344
L1450	1449	1384
L2250	2 253	2 187
L2290	2 294	2 228
L2810	2 814	2 748
L2850	2 854	2 788

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Autonomous, DIRECT, UGR19, DALI dimmer PSD, PI5 = Push-in 5 poles, SM2 = hook pendant					
SP530P LED34S/940 PSD PI5 SM2 L1130 BK	3 400	24,5	139	4 000	80
Autonomous, DIRECT, UGR19, DALI dimmer PSD, PI5 = Push-in 5 poles, SM2 = hook pendant					
SP530P LED43S/940 PSD PI5 SM2 L1410 ALU	4 300	30,5	141	4 000	80
Autonomous, Pendant, DIRECT/INDIRECT, UGR<19, DALI dimmer PSD, PI5 = Push-in 5 poles, SM2 = hook pendant					
SP532P LED29S/940 PSD PI5 SM2 L1410 ALU	2 900	21	138	4 000	80
Pendant for start or end of line (LE1), DIRECT/INDIRECT, UGR<19, DALI dimmer PSD, PI5 = Push-in 5 poles, SM2 = hook pendant					
SP532P LED47S/940 PSD LE1 PI5SM2L1410ALU	4 700	34	138	4 000	80
Pendant, DIRECT/INDIRECT, UGR<19, DALI dimmer PSD, PI5 = Push-in 5 poles, SM2 = hook pendant					
SP532P LED47S/940 PSD PI5 SM2 L1410 ALU	4 700	34	138	4 000	80
SP532P LED47S/940 PSD PI5 SM2 L1410 BK	4 700	34	138	4 000	80
SP532P LED49S/930 PSD PI5 SM2 L1130 ALU	4 950	38,5	129	3 000	80
SP532P LED49S/940 PSD PI5 SM2 L1130 ALU	4 950	36,5	136	4 000	80
SP532P LED58S/940 PSD PI5 SM2 L1130 ALU	5 850	44	133	4 000	80
SP532P LED66S/940 PSD PI5 SM2 L1410 ALU	6 600	48	138	4 000	80
SP532P LED72S/940 PSD PI5 SM2 L2250 ALU	7 200	52	138	4 000	80
SP532P LED77S/930 PSD PI5 SM2 L1410 ALU	7 700	60	128	3 000	80
Pendant, DIRECT/INDIRECT, UGR<19, DALI dimmer PSD, PI5 = Push-in 5 poles, SM2 = hook pendant					
SP532P LED77S/940 PSD PI5 SM2 L1410 ALU	7 700	57	135	4 000	80
Pendant, DIRECT/INDIRECT, UGR22, DALI dimmer PSD, PI5 = Push-in 5 poles, SM2 = hook pendant					
SP533P LED33S/930 PSD PI5 SM2 L1410 ALU	3 300	29,5	112	3 000	108
Pendant, DIRECT/INDIRECT, UGR>22, DALI dimmer PSD, PI5 = Push-in 5 poles, SM2 = hook pendant					
SP533P LED48S/940 PSD PI5 SM2 L2250 ALU	4 800	39,5	122	4 000	108
Pendant for line connection (LF1), DIRECT/INDIRECT, UGR>22,DALI dimmer PSD, PI5= Push-in 5 poles					
SP533P LED66S/930 PSD LF1 PI5 L2810 ALU	6 600	58	114	3 000	108

Linear

Commercial



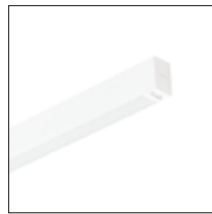
TrueLine Ceiling Light SM530C / SM534C



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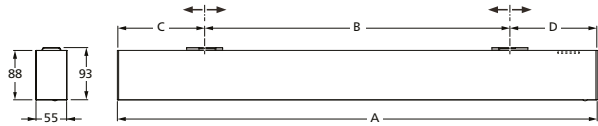
Version black



Version white

A luminous and elegant line for all commercial spaces

- Slim and elegant lighting line : 55 mm wide
- Efficient, comfortable solution : upto 151lm/W and UGR<19
- Excellent color rendering: CRI90 (RA<50)
- Dimensions of the luminaire designed in collaboration with recognized architects



Dimensions in mm	A	B
L1130	1130	929
L1170	1170	969
L1410	1409	1208
L1450	1449	1248
L2250	2253	2052
L2290	2294	2093
L2810	2814	2613
L2850	2854	2653

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Ceiling Light DIRECT UGR19, DALI dimmer PSD, PI=push-button					
SM530C LED34S/940 PSD PI5 L1130 ALU	3 400	23,5	145	4 000	100
Ceiling Light DIRECT UGR19, DALI dimmer PSD, PI=push-button					
SM530C LED40S/940 PSD PI5 L1130 ALU	4 000	28	143	4 000	100
SM530C LED43S/940 PSD PI5 L1410 ALU	4 300	28,5	152	4 000	100
Ceiling Light DIRECT UGR19, DALI dimmer PSD, PI=push-button					
SM530C LED50S/930 PSD PI5 L2250 ALU	5 000	37,5	133	3 000	80
SM530C LED62S/930 PSD PI5 L2810 ALU	6 200	46	135	3 000	80
SM530C LED62S/940 PSD PI5 L2810 BK	6 200	44	141	4 000	80
SM530C LED43S/930 PSD PI5 L1410 WH	4 300	28,5	151	3 000	80
Ceiling light DIRECT UGR19, DALI dimmer PSD, LE1 = start/end of line plug, PI=push-button					
SM530C LED50S/940 PSD LE1 PI5 L1410 WH	5 000	36	139	4 000	80
Ceiling Light DIRECT UGR19, DALI dimmer PSD, LF1=line body, PI=push-button					
SM530C LED50S/940 PSD LF1 PI5 L1410 WH	5 000	36	139	4 000	80
Ceiling Light DIRECT UGR22, DALI dimmer PSD, PI=push-button					
SM531C LED19S/940 PSD PI5 L1410 ALU	1 900	18,4	103	4 000	160
Ceiling Light, assymetrical, DALI dimmer PSD, PI=push-button					
SM534C LED40S/940 PSD PI5 L1130 ALU	4 000	34	118	4 000	90
SM534C LED50S/940 PSD PI5 L1410 ALU	5 000	41	122	4 000	90

KeyLine Surface Mount and Suspension Interact ready SM350C/ SM350X



Commercial

PHILIPS

interact ready.



The connected solution for creating lines of light in suspension and ceiling fixtures

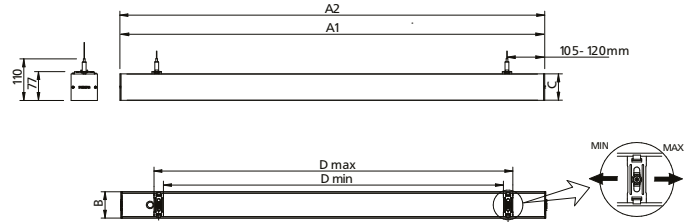
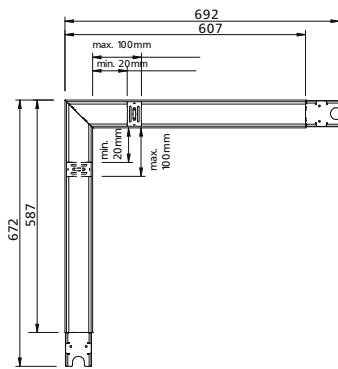
- Slim, minimalist design
- Stand-alone line-mounting, pendant or ceiling version
- High luminous efficiency : upto 142 lm/W
- Wide choice of lengths, colors (white, black and aluminum) and wattages
- Interact ready connected version for enhanced optimization of consumption, thanks to easy adaptation of luminous flux levels to actual building requirements



Black version



Aluminum version



Dimensions in mm	A1/A2	B
SM350C L1200	1122/1128	70
SM350C L1500	1402/1408	70

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Ceiling Light, UGR19, WIA = Interact ready, BK = Black					
SM350C 27S/840 WIA PCS L1200 BK	2 700	20	135	4 000	74 x 74
SM350C 40S/840 WIA PCS L1200 BK	4 000	30	133	4 000	74 x 74
Ceiling Light, UGR19, WIA = Interact ready, WH = White					
SM350C 27S/840 WIA PCS L1200 WH	2 700	20	135	4 000	74 x 74
SM350C 40S/840 WIA PCS L1200 WH	4 000	30	133	4 000	74 x 74
Ceiling Light, UGR19, WIA = Interact ready, ALU = Aluminum					
SM350C 27S/840 WIA PCS L1200 ALU	2 700	20	135	4 000	74 x 74
SM350C 40S/840 WIA PCS L1200 ALU	4 000	30	133	4 000	74 x 74



KeyLine Surface Mount and Suspension SM350C/SM350X



Commercial

PHILIPS



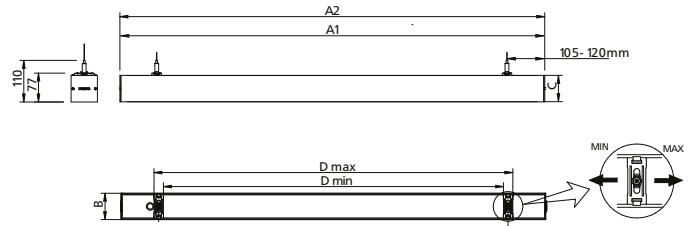
Suspended version
L1500 Black



Suspended version
L1500 Aluminum

The solution for creating lines of light in suspended and surface mounted installations

- Slim, minimalist design
- Stand-alone line-mounting, pendant or ceiling version
- High luminous efficiency : upto 142 lm/W
- Wide choice of lengths, colors (white, black and aluminum) and wattages



Dimensions in mm	A1/A2	B
SM350C L600	562/568	70
SM350C L1200	1122/1128	70
SM350C L1500	1402/1408	70

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Length = 1200mm, DALI dimmer PSD, White (WH), Gray (ALU) or Black (BK)					
SM350C 275/830 PSD PCS L1200 ALU	2 600	20	130	3 000	74 x 74
SM350C 275/840 PSD PCS L1200 ALU	2 700	20	135	4 000	74 x 74
SM350C 275/840 PSD PCS L1200 BK	2 700	20	135	4 000	74 x 74
SM350C 405/830 PSD PCS L1200 ALU	3 800	30	127	3 000	74 x 74
SM350C 405/840 PSD PCS L1200 ALU	4 000	30	133	4 000	74 x 74
SM350C 405/840 PSD PCS L1200 BK	4 000	30	133	4 000	74 x 74
Length = 1200mm, non-dimmable PSU, White (WH), Gray (ALU) or Black (BK)					
SM350C 405/830 PSU PCS L1200 ALU	3 800	30	127	3 000	74 x 74
SM350C 405/840 PSU PCS L1200 ALU	4 000	30	133	4 000	74 x 74
SM350C 405/840 PSU PCS L1200 BK	4 000	30	133	4 000	74 x 74
SM350C 405/840 PSU PCS L1200 WH	4 000	30	133	4 000	74 x 74
Length = 1500mm, DALI dimmer PSD, White (WH), Gray (ALU) or Black (BK)					
SM350C 505/840 PSD PCS L1500 ALU	5 000	37,5	133	4 000	74 x 74
SM350C 505/840 PSD PCS L1500 BK	5 000	37,5	133	4 000	74 x 74
SM350C 505/840 PSD PCS L1500 WH	5 000	37,5	133	4 000	74 x 74
Length = 1500mm, non-dimmable PSU, White (WH), Gray (ALU) or Black (BK)					
SM350C 505/840 PSU PCS L1500 ALU	5 000	37	135	4 000	74 x 74
SM350C 505/840 PSU PCS L1500 BK	5 000	37	135	4 000	74 x 74
SM350C 505/840 PSU PCS L1500 WH	5 000	37	135	4 000	74 x 74
L-angle, DALI dimmer PSD, White (WH), Gray (ALU) or Black (BK)					
SM350X 275/840 PSD L60L60 PCS ALU	2 700	20	135	4 000	74 x 74
SM350X 275/840 PSD L60L60 PCS BK	2 700	20	135	4 000	74 x 74
SM350X 275/840 PSD L60L60 PCS WH	2 700	20	135	4 000	74 x 74

KeyLine Ceiling Light and Suspension Accessories

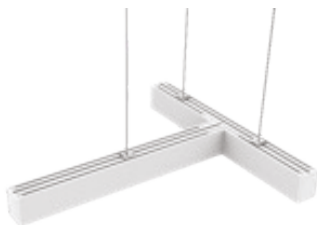


Designation	Designation
Power cable, silvered, 3 poles, 1.7m	
SP350Z C1700P3 SI	624139 00
Power cable, silvered, 5 poles, 1.7m	
SP350Z C1700P5 SI	624146 00
Supports for direct mount to ceiling (2 pieces)	
SP350Z CMB	624092 00
Coupling part	
SP350Z CP	624085 00
Caps, set of 2 including screws, white (WH), grey (SI) or black (BK)	
SP350Z EP BK	624061 00
SP350Z EP SI	624078 00
SP350Z EP WH	624054 00
Pendant kit, 2 pendant cables, 2 ceiling plugs, ceiling cover, white (WH) or gray (SI)	
SP350Z SM2 SI	624115 00
SP350Z SM2 WH	624108 00
Pendant kit, 2 pendant cables, 2 ceiling plugs	
SP350Z SW2	624122 00

SlimBalance G3 SP570P/SP571P/SM570C/RC570B

Commercial

PHILIPS
interact
ready.



Linear LED Luminaire Elegant and Slim

SP570 is a simple and elegant linear lighting fixture that provides the perfect cost effective lighting solution for office lighting. It is available in four widths (35/60/90/120mm) and three lengths (600/1200/1500mm), which can be installed individually or continuously. The longest continuous installation length is 12 m, creating a uniform light band without gaps and dark areas and bringing simple and comfortable perfect lighting to your office environment.

Product features

Elegant and Slim Design

Simple and elegant appearance. The 35mm width version creates a slim light band effect.

Extensive Range

Flexible combinations for multiple installations (recessed, surface mount and suspension) with individual or continuous options.

L/X/T/Y/Hexagon

Energy Saving and Power Saving

The efficiency of the system reaches 130lm/W

High color rendering means CRI > 80/90

SDCM < 4 and no stroboscopic

Integrated with interiors

It can be installed independently or continuously.

Continuous installation without dark area design.

Two end cover designs meet the design requirements.

Main Applications

- Open Office Spaces
- Reception Areas
- Conference Rooms
- Public Areas



Product Specifications (35mm width)

Product Model	SP570P/SM570C/RC570B	
Size	Width: 35mm, Length: 600/1200/1500mm	
System lumen output (key runners at CRI80)	UGR>22 (diffuser) <ul style="list-style-type: none"> • Length 600mm: max 1200/1800lm • Length 1200mm: max 3700/2500lm • Length 1500mm: max 4700/3100lm 	UGR19 (grid design) <ul style="list-style-type: none"> • Length 600mm: max 1700lm • Length 1200mm: max 3400lm • Length 1500mm: max 4300lm
Voltage	220-240V 50/60Hz	
Efficacy	Max: 120lm/w	
Power factor	0.9	
LED driver	PSU/PSD built-in	
SDCM	<=4	
CRI	80/90	
Color temperature	4000K / 3000K / 5000K / 6500K / Tunable white (diffuser version only)	
UGR	OC<=19 grid design, NoC >22 diffuser	
Materials and finishing	Housing: Extruded Aluminum	
Lifetime	50,000 hours (70% lumen maintenance @ Ta = 25°C)	
Operating Temperature	-20°C < Ta < 40°C	
IP	20	
Mounting types	Suspended single/continuous Recessed single/continuous Surface mounted single/continuous	
Light direction	Down; Up/downwards	
Connectors	L-shape (diffuser version only)	

* Refer to MI document for dimensions

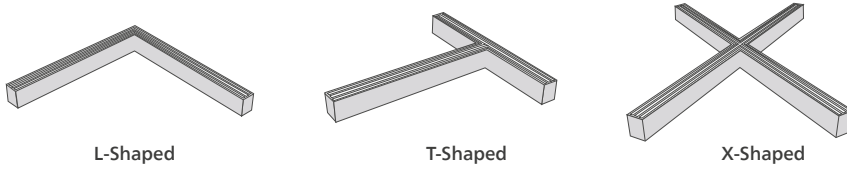
Product Specifications (Width 60/90/120mm)

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	SP570P/SM570C/RC570B		
Size	Key Runner Width: 60/90/120mm (ETO width is available) Length: 600/1200/1500mm		
System lumen output	UGR>22 (diffuser) CRI80 • Length 600mm: max 1250/2000lm • Length 1200mm: max 2600/4400lm • Length 1500mm: max 3200/5300lm	UGR19 (diffuser) CRI90 • Length 600mm: max 1900 m • Length 1200mm: max 4100lm • Length 1500mm: max 4500lm	UGR19 (lens) • Length 600mm: max 1200 lm • Length 1200mm: max 2400lm • Length 1500mm: max 3000lm
Voltage	220-240V 50/60Hz		
Efficacy	Max: 130lm/w; Ultra Efficient lm/w is available(~160lm/w)		
Power factor	0.9		
LED driver	PSU/PSD Tunable White Interact EcoSet		
SDCM	<=4		
CRI	80/90		
Color temperature	4000K / 3000K / 5000K / 6500K / Tunable white / BioUp		
UGR	OC<=19 (through ETO) / NoC >22		
Materials and finishing	Housing: Extruded Aluminum		
Lifetime	50,000 hours (70% lumen maintenance @ Ta = 25°C)		
Operating Temperature	-20°C < Ta < 40°C		
IP	20		
Mounting types	Suspended single/continuous Recessed single/continuous Surface mounted single/continuous		
Light direction	Down (100% downlight); Up/downwards (30% uplight/70% downlight)		
Connectors	L-shape, X-shape, T-shape & Hexagon shape		

* Refer to MI document for dimensions

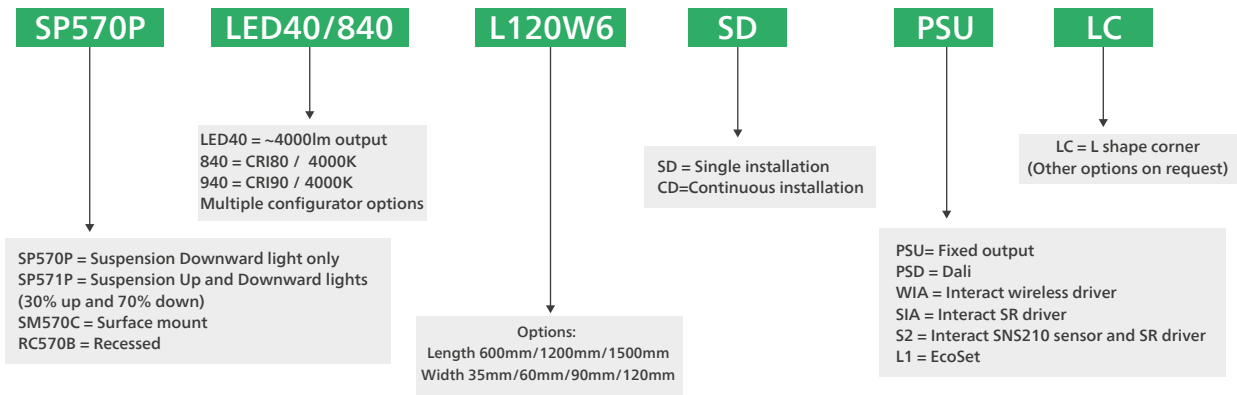
L, T and X shaped fittings with 60mm width available



* Other customized shapes by ETO

Product ordering guide

Comprehensive selection of product codes available, contact Signify Middle East.



How to order – Continuous installation (Suspension/Surface mount)

Comprehensive selection of product codes available, contact Signify Middle East.



End caps

Each end cap 12nc contains 2pcs of end caps.

- When the length of continuous installation is <6m, please use the end cap of L60 type
- When the length of continuous installation is 6-12m, please use the end cap of L80 type

• Product Description

- SP570P End Cap W12 L60 PSD
- SP570P End Cap W12 L60 PSU
- SP570P End Cap W9 L60 PSD
- SP570P End Cap W9 L60 PSU
- SP570P End Cap W6 L60 PSD
- SP570P End Cap W6 L60 PSU
- SP570P End Cap W12 L80 PSD
- SP570P End Cap W12 L80 PSU
- SP570P End Cap W9 L80 PSD
- SP570P End Cap W9 L80 PSU
- SP570P End Cap W6 L80 PSD
- SP570P End Cap W6 L80 PSU

Place order for continuous installation version (CD)

- The length of one continuous diffuser is 40m
- Product Description:
SP570P W120 Diffuser_Continuous L40
SP570P W90 Diffuser Continuous L40
SP570P W60 Diffuser Continuous L40

FlexBlend Ceiling Light and Suspension Interact ready



Commercial

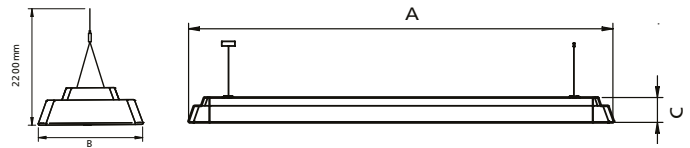
PHILIPS

interact ready.



The flexible, connected ceiling or pendant luminaire for all your spaces

- Interact ready version with integrated multisensor for presence and luminosity
- Flexible, efficient solution: up to 144 lm/W
- Excellent color rendering: CRI90 (RA<50)
- 3 optics available : Opal/Textured PCS/MLO
- 2 mounts, 1 luminaire. Pendant or ceiling
- Up to 40 luminaires online according to the switching



Dimensions in mm	A	B	C
Flexblend SM / SP independent	1200	200	73
Flexblend SM / SP independent	1470	200	73
Flexblend SM / SP in line	1081	200	73
Flexblend SM / SP in line	1352	200	73

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Pendant, Direct, L1200mm, optic MLO, White (WH)					
SP340P 36S/940 SRD MLO U4 SMT L120 WH	3 600	32,5	111	4 000	120
SP340P 40S/940 SRD MLO U4 SMT L120 WH	4 000	39,5	101	4 000	120
Pendant, Direct, L1200mm, optic PCS, White (WH)					
SP340P 36S/940 SRD PCS U4 SMT L120 WH	3 600	27	133	4 000	120
Pendant, Direct, L1200mm, Optic PCS, White (WH)					
SP340P 42S/930 SRD PCS U4 SMT L120 WH	4 200	31,5	133	3 000	120
SP340P 42S/940 SRD PCS U4 SMT L120 WH	4 200	31,5	133	4 000	120
Pendant, Direct/Indirect, L1500mm, Optic MLO, White (WH)					
SP342P 45S/930 SRD MLO U4 SMT L150 WH	4 500	48	94	3 000	120
SP342P 45S/940 SRD MLO U4 SMT L150 WH	4 500	42,5	106	4 000	120
Pendant, Direct/Indirect, L1500mm, Optic PCS, White (WH)					
SP342P 45S/940 SRD PCS U4 SMT L150 WH	4 500	35	129	4 000	120
SP342P 60S/940 SRD PCS U4 SMT L150 WH	6 000	46,5	129	4 000	120
Ceiling Light, Direct, L1200mm, Optic PCS, White (WH)					
SM340C 36S/940 SRD PCS U4 L120 WH	3 600	31	116	4 000	120
SM340C 42S/940 SRD PCS U4 L120 WH	4 200	35,5	118	4 000	120
Ceiling Light, Direct, L1500mm, Optic MLO, White (WH)					
SM340C 45S/940 SRD MLO U4 L150 WH	4 500	38	118	4 000	120
Ceiling Light, Direct, L1500mm, Optic PCS, White (WH)					
SM340C 35S/940 SRD PCS U4 L150 WH	3 500	24,5	143	4 000	120
SM340C 45S/940 SRD PCS U4 L150 WH	4 500	36	125	4 000	120
SM340C 52S/940 SRD PCS U4 L150 WH	5 200	43	121	4 000	120

FlexBlend Ceiling Light and Suspension SM340C/SP340P



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The flexible LED ceiling or pendant luminaire for all your spaces

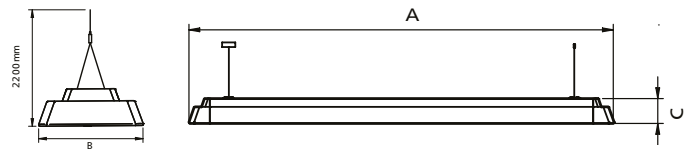
- Flexible, efficient solution : upto 150 lm/W
- Excellent color rendering: CRI90 (RA<50)
- 3 optics available : Opal/ Textured PCS/MLO
- 2 mounts, 1 luminaire. Pendant or ceiling
- Upto 40 luminaires online according to the switching



Black version



Gray version



Dimensions in mm	A	B	C
Flexblend SM / SP independent	1200	200	73
Flexblend SM / SP independent	1470	200	73
Flexblend SM / SP in line	1081	200	73
Flexblend SM / SP in line	1352	200	73

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)	
Ceiling Light 1200mm, DALI dimmer PSD, MLO = Micro-lens, PCS = Textured optic						
SM340C 36S/940 PSD PCS L120 WH	3 600	26,5	136	4 000	120	103955 00
SM340C 36S/940 PSD MLO L120 WH	3 600	35	103	4 000	120	103979 00
Ceiling Light 1500mm, DALI dimmer PSD, MLO = Micro-lens, PCS = Textured optic, O = Opal						
SM340C 35S/940 PSD PCS L150 BK	3 500	25	140	4 000	120	103634 00
SM340C 35S/940 PSD PCS L150 SI	3 500	25	140	4 000	120	103627 00
SM340C 35S/940 PSD PCS L150 WH	3 500	25	140	4 000	120	103610 00
Pendant 1200mm, DALI dimmer PSD, MLO = Micro-lens, PCS = Textured optic						
SP340P 36S/940 PSD MLO SMT L120 WH	3 600	35	103	4 000	120	103894 00
SP340P 36S/940 PSD PCS SMT L120 WH	3 600	26,5	136	4 000	120	103870 00
Pendant Direct/Indirect 1200mm, DALI dimmer PSD, MLO = Micro-lens, PCS = Textured optic, O = Opal						
SP342P 48S/940 PSD MLO SMT L120 WH	4 800	44,5	108	4 000	120	103931 00
SP342P 48S/940 PSD PCS SMT L120 WH	4 800	36	133	4 000	120	103917 00
Pendant Direct/Indirect 1500mm, DALI dimmer PSD, MLO = Micro-lens, PCS = Textured optic, O = Opal						
SP342P 45S/940 PSD O SMT L150 WH	4 500	37,5	120	4 000	120	103788 00
SP342P 45S/940 PSD PCS SMT L150 BK	4 500	35	129	4 000	120	103672 00
SP342P 45S/940 PSD PCS SMT L150 SI	4 500	35	129	4 000	120	103665 00
SP342P 45S/940 PSD PCS SMT L150 WH	4 500	35	129	4 000	120	103658 00

FlexBlend Ceiling Light and Suspension Accessories



Designation	Code
Plug without sensor (WH=White, SI=Gray, BK=Black)	
SP340Z EP WH	106949 00
SP340Z EP SI	106956 00
SP340Z EP BK	106963 00
Plug with place for free sensor, WH=White	
SP340Z EPESS WH	106987 00



Coupling part without sensor (WH=White, SI=Gray, BK=Black)	
SP340Z CP WH	106024 00
SP340Z CP SI	106031 00
SP340Z CP BK	106048 00



Coupling part with free place for sensor (WH=White)	
SP340Z CPESS WH	106055 00



Pendant kit with 3 or 5 wire cable (WH=White, SI=Gray, BK=Black)	
SP340Z SMTE-3 L1500 WH	106147 00
SP340Z SMTE-3 L1500 SI	106154 00
SP340Z SMTE-5 L1500 WH	106161 00
SP340Z SMTE-5 L1500 SI	106178 00



Pendant kit without cable (WH=White, SI=Silver)	
SP340Z SMT L1500 WH	106185 00
SP340Z SMT L1500 SI	106192 00



Pendant kit with T clamps, 3 or 5 wire cable (WH=White, SI=Silver, BK=Black)	
SP340Z SMTTE -3 L1500 WH	106475 00
SP340Z SMTTE -3 L1500 SI	106482 00
SP340Z SMTTE -5 L1500 WH	106499 00
SP340Z SMTTE -5 L1500 SI	106901 00



Pendant kit without cable, with T clamps	
SP340Z SMTT L1500	106918 00



Steel wire without power cable (claw pendant kit with 2 wires + ceiling brackets)	
SP340Z SW2T L1500	106925 00



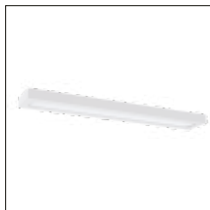
Steel wire without power cable (2-wire claw pendant kit + connector cover + ceiling brackets)	
SP340Z SW2T CONCL1500	106932 00

CoreLine Surface Mount gen3 Interact ready SM136V



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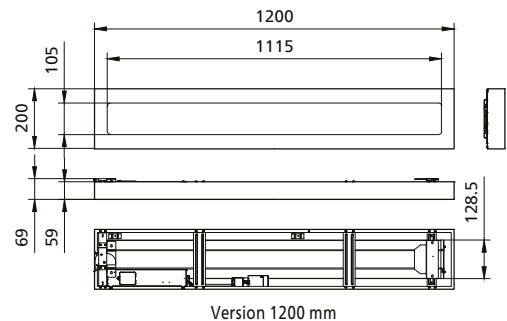
interact ready.



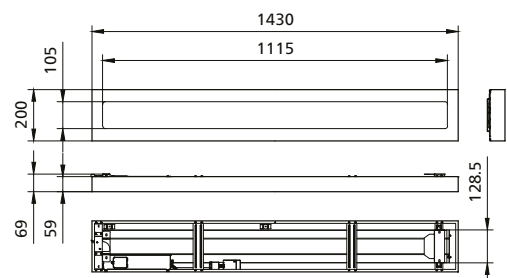
Version SM136V W20L120

The efficient, comfortable and connected LED surface mount

- Available in 200x1200 mm and 200x1500 mm versions for a 1:1 replacement of conventional ceiling luminaires in terms of dimensions
- Guaranteed energy saving thanks to excellent luminous efficiency and compatibility with the Interact Pro management system, which makes it quick and easy to adapt luminaire flux to actual lighting requirements
- Quick and easy to install : clip-on connector for tool-free installation, re-linking possible by default, wireless parameterization of Interact ready versions via the intuitive
- Interact Pro Smartphone application
- Excellent lighting comfort thanks to micro-prismatic diffusers and top-quality flicker-free drivers



Version 1200 mm



Version 1500 mm

Dimension in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Surface Mount 200x1200mm Interact ready, UGR19 (OC)					
SM136V 40S/830 WIA W20L120 OC	4 000	31	135	3 000	84
SM136V 43S/840 WIA W20L120 OC	4 300	31	140	4 000	84
Surface Mount 200x1500mm Interact ready, UGR19 (OC)					
SM136V 40S/830 WIA W20L150 OC	4 000	31	135	3 000	84
SM136V 43S/840 WIA W20L150 OC	4 300	31	140	4 000	84

Continuous Line RC700B

Commercial

PHILIPS



Led Continuous Light Strip (New Generation)

RC700B LED continuous light strip perfectly reflects the contemporary design trend of simplicity and fashion, making the lamp and office ceiling more concise. At the same time, the high efficiency LED technology can save 50% energy compared with the traditional lighting technology.

Product features

Slim and Elegant

Simple and elegant appearance The 30mm width version creates a slim light band effect.

Extensive Range

Full range product selection Interact Pro, Dali control optional.

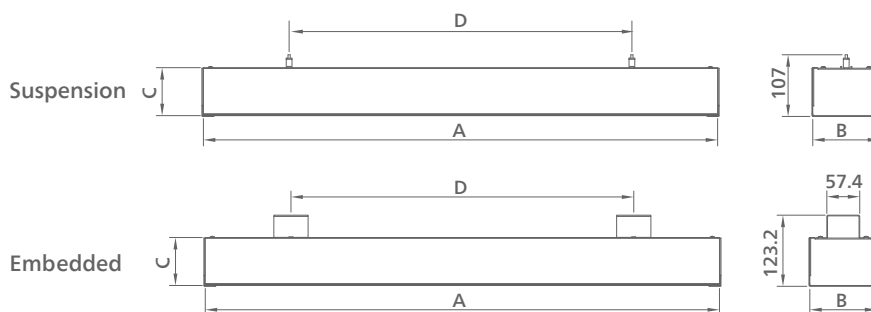
Energy Saving and Power Saving

The efficiency of the system reaches 115 lm /w. High color rendering means CRI > 80/90 (ETO). SDCM < 4 and no stroboscopic.

Blend with Interiors

It can be installed independently or continuously. Continuous installation without dark area design. Two end cover designs meet the design requirements.

Model	A(mm)	B(mm)	C(mm)	D(mm)
W12L120	1200	120	84	600
W12L90	900	120	84	600
W12L60	600	120	84	400



Main Applications

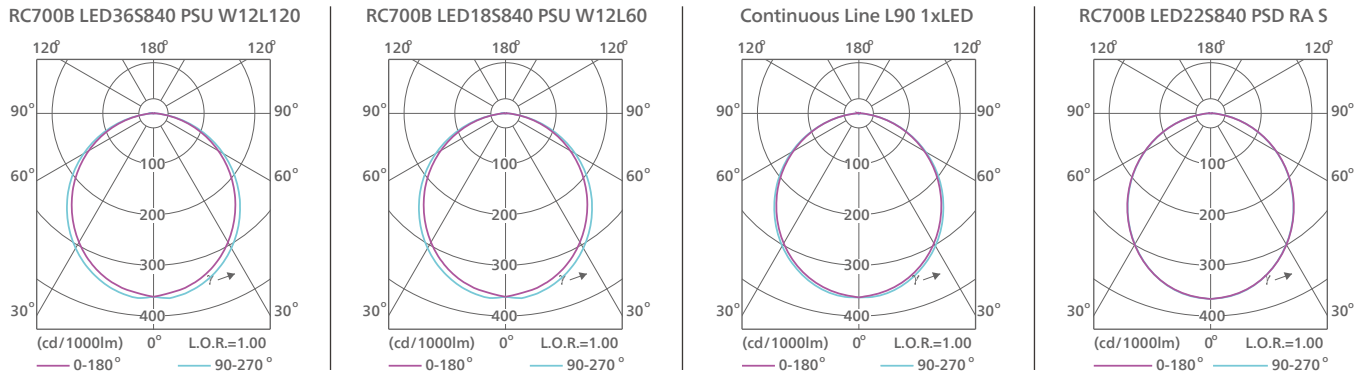
- Office Area
- Small Meeting Rooms
- Public Area
- Conference Room



Technical Parameters

Product Model	Continuous Line RC700B
Lumen Output (±10%)	3600lm (L1200mm)/3000lm(L900mm)/1800lm(L600mm)/2300lm(300mm L corner)
System Power (±10%)	35W (L1200mm)/27W(L900mm)/18W (600mm)/22W (300mm L corner)
System Efficiency (±10%)	108lm/W
Lamp Light Distribution	Wide Light Distribution
Glare Index	19/22
Color Temperature	4000K
Color Rendering Index	80
Light and Color Consistency	SDCM<4
Stroboscopic Value	<4%
Operating Temperature	-20°C~+45°C (Ta 25°C)
Control Mode	PSU/PSD/WIA
IP Grade	IP20
Electrical Protection Level	Class I
Dimension (LxWxH)	1200mm/900mm/600mmx120mmx84mm L corner 420x120x84mm
Installation Method	Suspension/Recessed (Without flanging)
Lifetime	50,000 hours @L70 B50

Light Distribution Curve



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Color Rendering	Installation Method	Drive
RC700B LED22S/840 PSD RA S	22W	2200lm	4000K	85	Suspension	DALI
RC700B LED18S/840 PSD W12L60 S	18W	1800lm	4000K	85	Suspension	DALI
RC700B LED27S/840 PSD W12L90 S	27W	3000lm	4000K	85	Suspension	DALI
RC700B LED36S/840 PSD W12L120 S	36W	3800lm	4000K	85	Suspension	DALI
RC700B LED22S/840 PSU RA S	22W	2200lm	4000K	85	Suspension	Fixed Output
RC700B LED18S/840 PSU W12L60 S	18W	1800lm	4000K	85	Suspension	Fixed Output
RC700B LED27S/840 PSU W12L90 S	27W	3000lm	4000K	85	Suspension	Fixed Output
RC700B LED36S/840 PSU W12L120 S	36W	3800lm	4000K	85	Suspension	Fixed Output
RC700B LED22S/840 PSD RA	22W	2200lm	4000K	85	Embedded	DALI
RC700B LED18S/840 PSD W12L60	18W	1800lm	4000K	85	Embedded	DALI
RC700B LED27S/840 PSD W12L90	27W	3000lm	4000K	85	Embedded	DALI
RC700B LED36S/840 PSD W12L120	36W	3800lm	4000K	85	Embedded	DALI
RC700B LED22S/840 PSU RA	22W	2200lm	4000K	85	Embedded	Fixed Output
RC700B LED18S/840 PSU W12L60	18W	1800lm	4000K	85	Embedded	Fixed Output
RC700B LED27S/840 PSU W12L90	27W	3000lm	4000K	85	Embedded	Fixed Output
RC700B LED36S/840 PSU W12L120	36W	3800lm	4000K	85	Embedded	Fixed Output



GreenSpace Grill Luminaire RS386B/SM386C

Commercial

PHILIPS



EyeComfort High color Rendering Narrow-Bezel Grill Luminaire

GreenSpace linear luminaire is a new series provided with multiple module options, designed for different indoor scenarios such as office, retail store, and hotel, and is suitable for diverse applications. This series is available in both surface and recessed installations, with a high color rendering index of CRI90 and three different beam angles, greatly satisfying the lighting requirements of indoor applications. Dali and 1-10V control interfaces are equipped for future system connection.

Product features

Versatile Offering

Available in multiple module combinations for flexible lumen output

High color rendering performance

Restore true colors with a high color rendering index of CRI 90

Multiple beam angles

Provided with three different beam angles to facilitate lighting designers to adapt to extensive lighting applications

Flexible installation

Available in surface and recessed installations

Compatible with multiple systems

Available with Dali/1-10V control system interface



Model	L(mm)	W(mm)	H(mm)	Hole-cutting size(mm)
SM386C S5	136	35	85	
SM386C S10	270	35	85	
SM386C S15	402	35	85	
RS386B S1	45	45	43	(36-39)x(36-39)
RS386B S2	75	45	43	(66-69)x(36-39)
RS386B S5	146	45	48	(137-140)x(35-38)
RS386B S10	280	45	48	(270-273)x(35-38)
RS386B S15	413	45	48	(403-406)x(35-38)

Main Applications

- Office
- Retail industry
- Hotels and hospitality segment
- Conference room



Model Selection Guide CRI ≥ 90 R9 ≥ 40

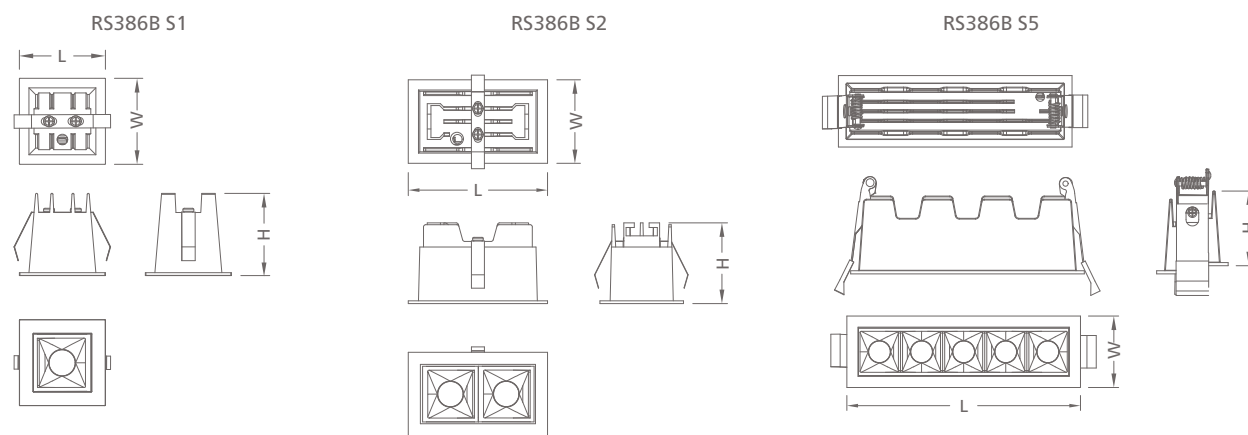
Model	Power	Color temperature	Beam angle	Body color
RS386 recessed 5-head 	 10W	 3000K  3500K  4000K	 15°  30°  45°	 Black  White
RS386 recessed 10-head 	 20W	 3000K  3500K  4000K	 15°  30°  45°	 Black  White
SM368 surface mount 5-head 	 10W	 3000K  3500K  4000K	 15°  30°  45°	 Black  White
SM368 surface mount 10-head 	 20W	 3000K  3500K  4000K	 15°  30°  45°	 Black  White

Technical parameters

Product model	RS386 recessed type	SM386 ceiling type
System power	10W, 20W ETO: 2W, 4W, 30W	
Lumen output	575lm, 1150lm ETO: 120lm, 255lm, 1750lm	
Input voltage	220-240V 50/60Hz	
Luminous efficacy	65lm/W	
Power factor	Maximum 0.9	
Glare index (UGR)	<19	
Cut-off angle	30°	
Control mode	Fixed output (PSU)/PSD/1-10V	
Color tolerance	SDCM ≤ 3	
Color rendering index (CRI)	Ra ≥ 90; R9 ≥ 40	
Beam angle	15° NB / 30° MB / 45° WB	
Color temperature	3000K/3500K/4000K	
Body material and color	Body: Matte white or matte black die casting aluminum	Body: Matte white or matte black 6063 Al
Life	50,000 hours (70% luminous flux maintenance rate @Ta=25°C)	
Operating temperature	-20°C < Ta < 40°C	
Installation method	Recessed	Surface installation
IP grade	IP20	
IK grade	03	
Safety class	Class II	

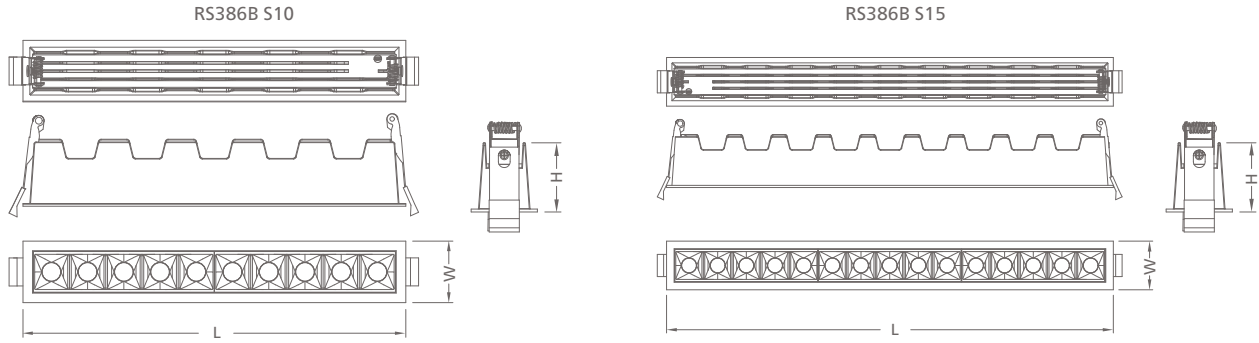
Dimensional Drawing

Recessed

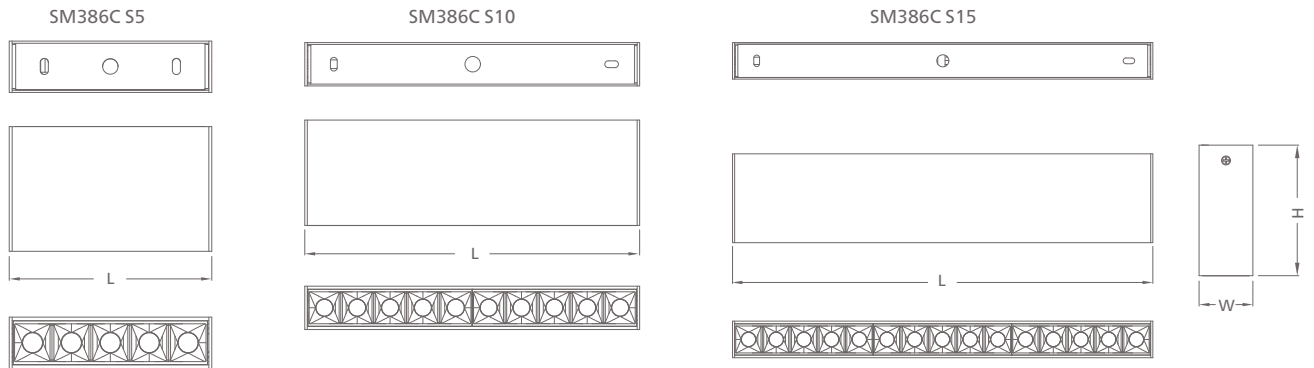


Dimensional Drawing

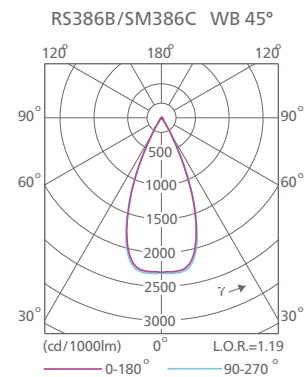
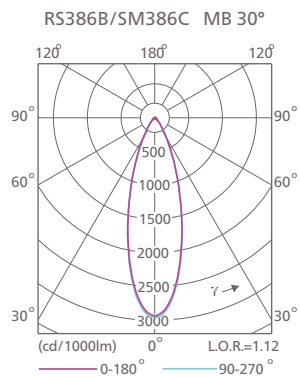
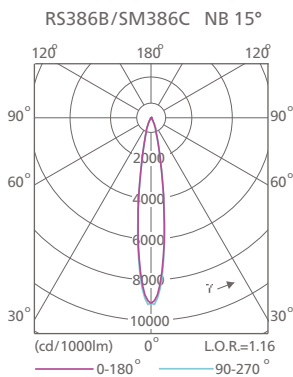
Recessed



Surface mount



Light distribution curve



Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Color	Installation method	Control mode	Number of head	Color rendering	Beam angle
RS386B S5 P10 930 PSU-E NB WH	10W	3000K	White	Recessed	Fixed	5	90	15°
RS386B S5 P10 930 PSU-E MB WH	10W	3000K	White	Recessed	Fixed	5	90	30°
RS386B S5 P10 930 PSU-E WB WH	10W	3000K	White	Recessed	Fixed	5	90	45°
RS386B S5 P10 935 PSU-E NB WH	10W	3500K	White	Recessed	Fixed	5	90	15°
RS386B S5 P10 935 PSU-E MB WH	10W	3500K	White	Recessed	Fixed	5	90	30°
RS386B S5 P10 935 PSU-E WB WH	10W	3500K	White	Recessed	Fixed	5	90	45°
RS386B S5 P10 940 PSU-E WB WH	10W	4000K	White	Recessed	Fixed	5	90	45°
RS386B S5 P10 930 PSU-E NB BK	10W	3000K	Black	Recessed	Fixed	5	90	15°
RS386B S5 P10 930 PSU-E MB BK	10W	3000K	Black	Recessed	Fixed	5	90	30°
RS386B S5 P10 930 PSU-E WB BK	10W	3000K	Black	Recessed	Fixed	5	90	45°
RS386B S5 P10 935 PSU-E NB BK	10W	3500K	Black	Recessed	Fixed	5	90	15°
RS386B S5 P10 935 PSU-E MB BK	10W	3500K	Black	Recessed	Fixed	5	90	30°
RS386B S5 P10 935 PSU-E WB BK	10W	3500K	Black	Recessed	Fixed	5	90	45°
RS386B S5 P10 940 PSU-E WB BK	10W	4000K	Black	Recessed	Fixed	5	90	45°
RS386B S10 P20 930 PSU-E NB WH	20W	3000K	White	Recessed	Fixed	10	90	15°
RS386B S10 P20 930 PSU-E MB WH	20W	3000K	White	Recessed	Fixed	10	90	30°
RS386B S10 P20 930 PSU-E WB WH	20W	3000K	White	Recessed	Fixed	10	90	45°
RS386B S10 P20 935 PSU-E NB WH	20W	3500K	White	Recessed	Fixed	10	90	15°
RS386B S10 P20 935 PSU-E MB WH	20W	3500K	White	Recessed	Fixed	10	90	30°
RS386B S10 P20 935 PSU-E WB WH	20W	3500K	White	Recessed	Fixed	10	90	45°
RS386B S10 P20 940 PSU-E WB WH	20W	4000K	White	Recessed	Fixed	10	90	45°
RS386B S10 P20 930 PSU-E NB BK	20W	3000K	Black	Recessed	Fixed	10	90	15°
RS386B S10 P20 930 PSU-E MB BK	20W	3000K	Black	Recessed	Fixed	10	90	30°
RS386B S10 P20 930 PSU-E WB BK	20W	3000K	Black	Recessed	Fixed	10	90	45°
RS386B S10 P20 935 PSU-E NB BK	20W	3500K	Black	Recessed	Fixed	10	90	15°
RS386B S10 P20 935 PSU-E MB BK	20W	3500K	Black	Recessed	Fixed	10	90	30°
RS386B S10 P20 935 PSU-E WB BK	20W	3500K	Black	Recessed	Fixed	10	90	45°
RS386B S10 P20 940 PSU-E WB BK	20W	4000K	Black	Recessed	Fixed	10	90	45°
RS386B S5 P10 930 PSR-E NB WH	10W	3000K	White	Recessed	0-10V	5	90	15°
RS386B S5 P10 930 PSR-E MB WH	10W	3000K	White	Recessed	0-10V	5	90	30°
RS386B S5 P10 930 PSR-E WB WH	10W	3000K	White	Recessed	0-10V	5	90	45°
RS386B S5 P10 935 PSR-E NB WH	10W	3500K	White	Recessed	0-10V	5	90	15°
RS386B S5 P10 935 PSR-E MB WH	10W	3500K	White	Recessed	0-10V	5	90	30°
RS386B S5 P10 935 PSR-E WB WH	10W	3500K	White	Recessed	0-10V	5	90	45°
RS386B S5 P10 940 PSR-E WB WH	10W	4000K	White	Recessed	0-10V	5	90	45°
RS386B S5 P10 930 PSR-E NB BK	10W	3000K	Black	Recessed	0-10V	5	90	15°
RS386B S5 P10 930 PSR-E MB BK	10W	3000K	Black	Recessed	0-10V	5	90	30°
RS386B S5 P10 930 PSR-E WB BK	10W	3000K	Black	Recessed	0-10V	5	90	45°
RS386B S5 P10 935 PSR-E NB BK	10W	3500K	Black	Recessed	0-10V	5	90	15°
RS386B S5 P10 935 PSR-E MB BK	10W	3500K	Black	Recessed	0-10V	5	90	30°
RS386B S5 P10 935 PSR-E WB BK	10W	3500K	Black	Recessed	0-10V	5	90	45°
RS386B S5 P10 940 PSR-E WB BK	10W	4000K	Black	Recessed	0-10V	5	90	45°
RS386B S10 P20 930 PSR-E NB WH	20W	3000K	White	Recessed	0-10V	10	90	15°

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Color	Installation method	Control mode	Number of head	Color rendering	Beam angle
RS386B S10 P20 930 PSR-E MB WH	20W	3000K	White	Recessed	0-10V	10	90	30°
RS386B S10 P20 930 PSR-E WB WH	20W	3000K	White	Recessed	0-10V	10	90	45°
RS386B S10 P20 935 PSR-E NB WH	20W	3500K	White	Recessed	0-10V	10	90	15°
RS386B S10 P20 935 PSR-E MB WH	20W	3500K	White	Recessed	0-10V	10	90	30°
RS386B S10 P20 935 PSR-E WB WH	20W	3500K	White	Recessed	0-10V	10	90	45°
RS386B S10 P20 940 PSR-E WB WH	20W	4000K	White	Recessed	0-10V	10	90	45°
RS386B S10 P20 930 PSR-E NB BK	20W	3000K	Black	Recessed	0-10V	10	90	15°
RS386B S10 P20 930 PSR-E MB BK	20W	3000K	Black	Recessed	0-10V	10	90	30°
RS386B S10 P20 930 PSR-E WB BK	20W	3000K	Black	Recessed	0-10V	10	90	45°
RS386B S10 P20 935 PSR-E NB BK	20W	3500K	Black	Recessed	0-10V	10	90	15°
RS386B S10 P20 935 PSR-E MB BK	20W	3500K	Black	Recessed	0-10V	10	90	30°
RS386B S10 P20 935 PSR-E WB BK	20W	3500K	Black	Recessed	0-10V	10	90	45°
RS386B S10 P20 940 PSR-E WB BK	20W	4000K	Black	Recessed	0-10V	10	90	45°
SM386C S5 P10 930 PSU NB WH	10W	3000K	White	Surface	Fixed	5	90	15°
SM386C S5 P10 930 PSU MB WH	10W	3000K	White	Surface	Fixed	5	90	30°
SM386C S5 P10 930 PSU WB WH	10W	3000K	White	Surface	Fixed	5	90	45°
SM386C S5 P10 935 PSU NB WH	10W	3500K	White	Surface	Fixed	5	90	15°
SM386C S5 P10 935 PSU MB WH	10W	3500K	White	Surface	Fixed	5	90	30°
SM386C S5 P10 935 PSU WB WH	10W	3500K	White	Surface	Fixed	5	90	45°
SM386C S5 P10 940 PSU WB WH	10W	4000K	White	Surface	Fixed	5	90	45°
SM386C S5 P10 930 PSU NB BK	10W	3000K	Black	Surface	Fixed	5	90	15°
SM386C S5 P10 930 PSU MB BK	10W	3000K	Black	Surface	Fixed	5	90	30°
SM386C S5 P10 930 PSU WB BK	10W	3000K	Black	Surface	Fixed	5	90	45°
SM386C S5 P10 935 PSU NB BK	10W	3500K	Black	Surface	Fixed	5	90	15°
SM386C S5 P10 935 PSU MB BK	10W	3500K	Black	Surface	Fixed	5	90	30°
SM386C S5 P10 935 PSU WB BK	10W	3500K	Black	Surface	Fixed	5	90	45°
SM386C S5 P10 940 PSU WB BK	10W	4000K	Black	Surface	Fixed	5	90	45°
SM386C S10 P20 930 PSU NB WH	20W	3000K	White	Surface	Fixed	10	90	15°
SM386C S10 P20 930 PSU MB WH	20W	3000K	White	Surface	Fixed	10	90	30°
SM386C S10 P20 930 PSU WB WH	20W	3000K	White	Surface	Fixed	10	90	45°
SM386C S10 P20 935 PSU NB WH	20W	3500K	White	Surface	Fixed	10	90	15°
SM386C S10 P20 935 PSU MB WH	20W	3500K	White	Surface	Fixed	10	90	30°
SM386C S10 P20 935 PSU WB WH	20W	3500K	White	Surface	Fixed	10	90	45°
SM386C S10 P20 940 PSU WB WH	20W	4000K	White	Surface	Fixed	10	90	45°
SM386C S10 P20 930 PSU NB BK	20W	3000K	Black	Surface	Fixed	10	90	15°
SM386C S10 P20 930 PSU MB BK	20W	3000K	Black	Surface	Fixed	10	90	30°
SM386C S10 P20 930 PSU WB BK	20W	3000K	Black	Surface	Fixed	10	90	45°
SM386C S10 P20 935 PSU NB BK	20W	3500K	Black	Surface	Fixed	10	90	15°
SM386C S10 P20 935 PSU MB BK	20W	3500K	Black	Surface	Fixed	10	90	30°
SM386C S10 P20 935 PSU WB BK	20W	3500K	Black	Surface	Fixed	10	90	45°
SM386C S10 P20 940 PSU WB BK	20W	4000K	Black	Surface	Fixed	10	90	45°
SM386C S5 P10 930 PSR NB WH	10W	3000K	White	Surface	0-10V	5	90	15°
SM386C S5 P10 930 PSR MB WH	10W	3000K	White	Surface	0-10V	5	90	30°

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Color	Installation method	Control mode	Number of head	Color rendering	Beam angle
SM386C S5 P10 930 PSR WB WH	10W	3000K	White	Surface	0-10V	5	90	45°
SM386C S5 P10 935 PSR NB WH	10W	3500K	White	Surface	0-10V	5	90	15°
SM386C S5 P10 935 PSR MB WH	10W	3500K	White	Surface	0-10V	5	90	30°
SM386C S5 P10 935 PSR WB WH	10W	3500K	White	Surface	0-10V	5	90	45°
SM386C S5 P10 940 PSR WB WH	10W	4000K	White	Surface	0-10V	5	90	45°
SM386C S5 P10 930 PSR NB BK	10W	3000K	Black	Surface	0-10V	5	90	15°
SM386C S5 P10 930 PSR MB BK	10W	3000K	Black	Surface	0-10V	5	90	30°
SM386C S5 P10 930 PSR WB BK	10W	3000K	Black	Surface	0-10V	5	90	45°
SM386C S5 P10 935 PSR NB BK	10W	3500K	Black	Surface	0-10V	5	90	15°
SM386C S5 P10 935 PSR MB BK	10W	3500K	Black	Surface	0-10V	5	90	30°
SM386C S5 P10 935 PSR WB BK	10W	3500K	Black	Surface	0-10V	5	90	45°
SM386C S5 P10 940 PSR WB BK	10W	4000K	Black	Surface	0-10V	5	90	45°
SM386C S10 P20 930 PSR NB WH	20W	3000K	White	Surface	0-10V	10	90	15°
SM386C S10 P20 930 PSR MB WH	20W	3000K	White	Surface	0-10V	10	90	30°
SM386C S10 P20 930 PSR WB WH	20W	3000K	White	Surface	0-10V	10	90	45°
SM386C S10 P20 935 PSR NB WH	20W	3500K	White	Surface	0-10V	10	90	15°
SM386C S10 P20 935 PSR MB WH	20W	3500K	White	Surface	0-10V	10	90	30°
SM386C S10 P20 935 PSR WB WH	20W	3500K	White	Surface	0-10V	10	90	45°
SM386C S10 P20 940 PSR WB WH	20W	4000K	White	Surface	0-10V	10	90	45°
SM386C S10 P20 930 PSR NB BK	20W	3000K	Black	Surface	0-10V	10	90	15°
SM386C S10 P20 930 PSR MB BK	20W	3000K	Black	Surface	0-10V	10	90	30°
SM386C S10 P20 930 PSR WB BK	20W	3000K	Black	Surface	0-10V	10	90	45°
SM386C S10 P20 935 PSR NB BK	20W	3500K	Black	Surface	0-10V	10	90	15°
SM386C S10 P20 935 PSR MB BK	20W	3500K	Black	Surface	0-10V	10	90	30°
SM386C S10 P20 935 PSR WB BK	20W	3500K	Black	Surface	0-10V	10	90	45°
SM386C S10 P20 940 PSR WB BK	20W	4000K	Black	Surface	0-10V	10	90	45°
RS386B S5 P10 930 PSD-E NB WH	10W	3000K	White	Recessed	DALI	5	90	15°
RS386B S5 P10 930 PSD-E MB WH	10W	3000K	White	Recessed	DALI	5	90	30°
RS386B S5 P10 930 PSD-E WB WH	10W	3000K	White	Recessed	DALI	5	90	45°
RS386B S5 P10 935 PSD-E NB WH	10W	3500K	White	Recessed	DALI	5	90	15°
RS386B S5 P10 935 PSD-E MB WH	10W	3500K	White	Recessed	DALI	5	90	30°
RS386B S5 P10 935 PSD-E WB WH	10W	3500K	White	Recessed	DALI	5	90	45°
RS386B S5 P10 940 PSD-E WB WH	10W	4000K	White	Recessed	DALI	5	90	45°
RS386B S5 P10 930 PSD-E NB BK	10W	3000K	Black	Recessed	DALI	5	90	15°
RS386B S5 P10 930 PSD-E MB BK	10W	3000K	Black	Recessed	DALI	5	90	30°
RS386B S5 P10 930 PSD-E WB BK	10W	3000K	Black	Recessed	DALI	5	90	45°
RS386B S5 P10 935 PSD-E NB BK	10W	3500K	Black	Recessed	DALI	5	90	15°
RS386B S5 P10 935 PSD-E MB BK	10W	3500K	Black	Recessed	DALI	5	90	30°
RS386B S5 P10 935 PSD-E WB BK	10W	3500K	Black	Recessed	DALI	5	90	45°
RS386B S5 P10 940 PSD-E WB BK	10W	4000K	Black	Recessed	DALI	5	90	45°
RS386B S10 P20 930 PSD-E NB WH	20W	3000K	White	Recessed	DALI	10	90	15°
RS386B S10 P20 930 PSD-E MB WH	20W	3000K	White	Recessed	DALI	10	90	30°
RS386B S10 P20 930 PSD-E WB WH	20W	3000K	White	Recessed	DALI	10	90	45°

Product information

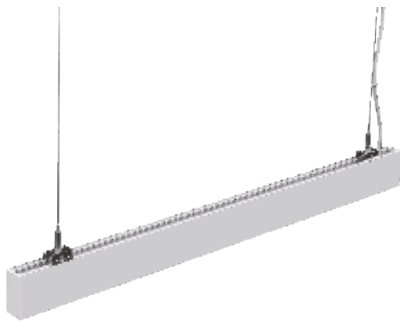
Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Color	Installation method	Control mode	Number of head	Color rendering	Beam angle
RS386B S10 P20 935 PSD-E NB WH	20W	3500K	White	Recessed	DALI	10	90	15°
RS386B S10 P20 935 PSD-E MB WH	20W	3500K	White	Recessed	DALI	10	90	30°
RS386B S10 P20 935 PSD-E WB WH	20W	3500K	White	Recessed	DALI	10	90	45°
RS386B S10 P20 940 PSD-E WB WH	20W	4000K	White	Recessed	DALI	10	90	45°
RS386B S10 P20 930 PSD-E NB BK	20W	3000K	Black	Recessed	DALI	10	90	15°
RS386B S10 P20 930 PSD-E MB BK	20W	3000K	Black	Recessed	DALI	10	90	30°
RS386B S10 P20 930 PSD-E WB BK	20W	3000K	Black	Recessed	DALI	10	90	45°
RS386B S10 P20 935 PSD-E NB BK	20W	3500K	Black	Recessed	DALI	10	90	15°
RS386B S10 P20 935 PSD-E MB BK	20W	3500K	Black	Recessed	DALI	10	90	30°
RS386B S10 P20 935 PSD-E WB BK	20W	3500K	Black	Recessed	DALI	10	90	45°
RS386B S10 P20 940 PSD-E WB BK	20W	4000K	Black	Recessed	DALI	10	90	45°
SM386C S5 P10 930 PSD NB WH	10W	3000K	White	Surface	DALI	5	90	15°
SM386C S5 P10 930 PSD MB WH	10W	3000K	White	Surface	DALI	5	90	30°
SM386C S5 P10 930 PSD WB WH	10W	3000K	White	Surface	DALI	5	90	45°
SM386C S5 P10 935 PSD NB WH	10W	3500K	White	Surface	DALI	5	90	15°
SM386C S5 P10 935 PSD MB WH	10W	3500K	White	Surface	DALI	5	90	30°
SM386C S5 P10 935 PSD WB WH	10W	3500K	White	Surface	DALI	5	90	45°
SM386C S5 P10 940 PSD WB WH	10W	4000K	White	Surface	DALI	5	90	45°
SM386C S5 P10 930 PSD NB BK	10W	3000K	Black	Surface	DALI	5	90	15°
SM386C S5 P10 930 PSD MB BK	10W	3000K	Black	Surface	DALI	5	90	30°
SM386C S5 P10 930 PSD WB BK	10W	3000K	Black	Surface	DALI	5	90	45°
SM386C S5 P10 935 PSD NB BK	10W	3500K	Black	Surface	DALI	5	90	15°
SM386C S5 P10 935 PSD MB BK	10W	3500K	Black	Surface	DALI	5	90	30°
SM386C S5 P10 935 PSD WB BK	10W	3500K	Black	Surface	DALI	5	90	45°
SM386C S5 P10 940 PSD WB BK	10W	4000K	Black	Surface	DALI	5	90	45°
SM386C S10 P20 930 PSD NB WH	20W	3000K	White	Surface	DALI	10	90	15°
SM386C S10 P20 930 PSD MB WH	20W	3000K	White	Surface	DALI	10	90	30°
SM386C S10 P20 930 PSD WB WH	20W	3000K	White	Surface	DALI	10	90	45°
SM386C S10 P20 935 PSD NB WH	20W	3500K	White	Surface	DALI	10	90	15°
SM386C S10 P20 935 PSD MB WH	20W	3500K	White	Surface	DALI	10	90	30°
SM386C S10 P20 935 PSD WB WH	20W	3500K	White	Surface	DALI	10	90	45°
SM386C S10 P20 940 PSD WB WH	20W	4000K	White	Surface	DALI	10	90	45°
SM386C S10 P20 930 PSD NB BK	20W	3000K	Black	Surface	DALI	10	90	15°
SM386C S10 P20 930 PSD MB BK	20W	3000K	Black	Surface	DALI	10	90	30°
SM386C S10 P20 930 PSD WB BK	20W	3000K	Black	Surface	DALI	10	90	45°
SM386C S10 P20 935 PSD NB BK	20W	3500K	Black	Surface	DALI	10	90	15°
SM386C S10 P20 935 PSD MB BK	20W	3500K	Black	Surface	DALI	10	90	30°
SM386C S10 P20 935 PSD WB BK	20W	3500K	Black	Surface	DALI	10	90	45°
SM386C S10 P20 940 PSD WB BK	20W	4000K	Black	Surface	DALI	10	90	45°

GreenUp Linear Luminaire White Series SM308C / SP308P

Commercial

PHILIPS



Slim and Elegant High-Brightness Linear Luminaire

GreenUp Linear white series is a simple and elegant linear lighting fixture that provides a cost-effective lighting solution for office lighting. It is available in diverse options, supports surface installation/suspension installation, and can generate a uniform light band without gaps and dark areas, bringing simple and comfortable lighting to your office environment.

Product features

Compact design, slim profile with multiple length options

Compact size and slim appearance

Versatile offering

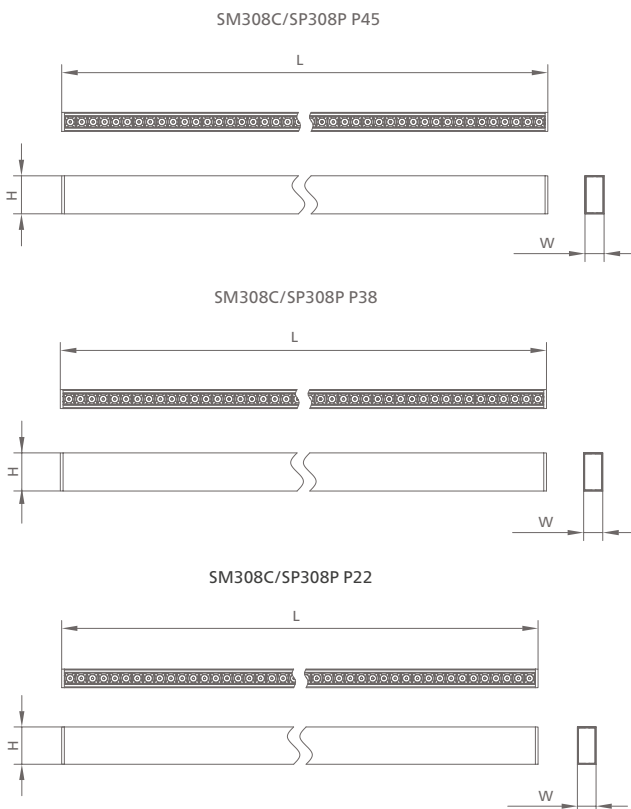
Rich product options, available in multiple powers, beam angles, and color temperature

Safety and visual comfort

Excellent glare control UGR<19

Flexible installation

Available in surface and suspension installation



Model	L	W	H
SM308C P22	765	30	60
SM308C P30	1196	30	60
SM308C P38	1412	30	60
SM308C P45	1736	30	60
SP308P P22	765	30	60
SP308P P30	1196	30	60
SP308P P38	1412	30	60
SP308P P45	1736	30	60

Main Applications

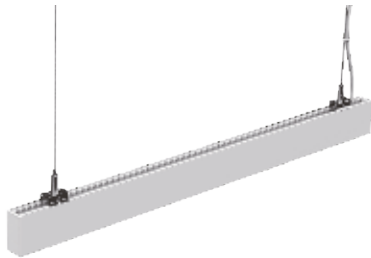
- Office
- Retail industry
- Hospitality segment
- Conference room



Commercial

Model Selection Guide

SP308P Suspension installation



L765xW30xH60mm/
L1196xW30xH60mm/
L1412xW30xH60mm/
L1736xW30xH60mm

Power

- 22W
- 30W
- 38W
- 45W

Color temperature

- 3000K
- 4000K
- 6500K

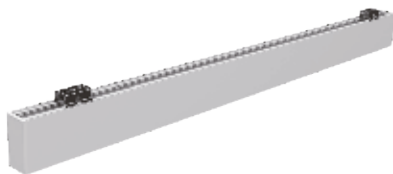
Beam angle

- 25°
- 32°

Body color

- White

SM308C



L765xW30xH60mm/
L1196xW30xH60mm/
L1412xW30xH60mm/
L1736xW30xH60mm

Power

- 22W
- 30W
- 38W
- 45W

Color temperature

- 3000K
- 4000K
- 6500K

Beam angle

- 25°
- 32°

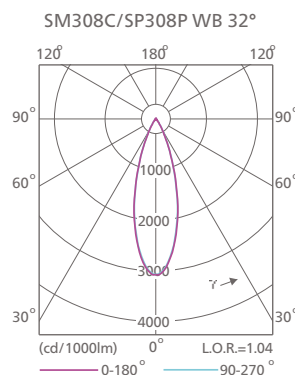
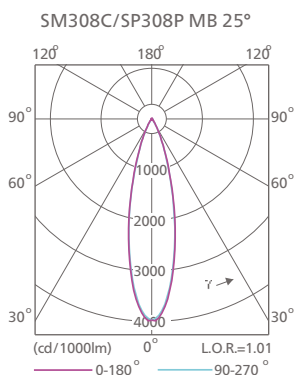
Body color

- White

Technical parameters

Product model	SM308C/SP308P P22	SM308C/SP308P P30	SM308C/SP308P P38	SM308C/SP308P P45
Luminous flux ± 10%	3000K : 2090lm	3000K : 2850lm	3000K : 3650lm	3000K : 4300lm
	4000K : 2150lm	4000K : 2950lm	4000K : 3750lm	4000K : 4410lm
	6500K : 2150lm	6500K : 2950lm	6500K : 3750lm	6500K : 4410lm
Power (PSU)±10%	22W	30W	38W	45W
Luminous efficacy (PSU)±10%	3000K : 95lm/W	3000K : 95lm/W	3000K : 95lm/W	3000K : 95lm/W
	4000K : 98lm/W	4000K : 98lm/W	4000K : 98lm/W	4000K : 98lm/W
	6500K : 98lm/W	6500K : 98lm/W	6500K : 98lm/W	6500K : 98lm/W
Size LxWxH	765x30x60mm	1196x30x60mm	1412x30x60mm	1736x30x60mm
Life	25000 hours @L70B50			
Color temperature	3000K/4000K/6500K			
Color rendering index (CRI)	≥ 80			
R9	>0			
Color tolerance	SDCM≤ 5			
Beam angle	25°/32°			
Glare index (UGR)	< 19			
Input voltage	AC: 220-240V			
Frequency	50/60Hz			
Safety class	I			
Power factor	0.9			
Control mode	PSU			
Stroboscopic effect	No stroboscopic effect			
Driver	Built-in drive			
Length of suspension chain	1m			
Installation method	Surface/suspension installation			
IP grade	IP20			
Operating temperature	-20 ~40°C			
Body material	Aluminum			
Body color	White			

Light distribution curve



Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Body color	Installation method	Dimensions (LengthxWidth)	Color rendering	Beam angle
SM308C P22/865 L75W3 PSU WB WH	22W	6500K	White	Surface mount	750x30mm	≥ 80	WB
SM308C P22/865 L75W3 PSU MB WH	22W	6500K	White	Surface mount	750x30mm	≥ 80	MB
SM308C P22/840 L75W3 PSU WB WH	22W	4000K	White	Surface mount	750x30mm	≥ 80	WB
SM308C P22/840 L75W3 PSU MB WH	22W	4000K	White	Surface mount	750x30mm	≥ 80	MB
SM308C P22/830 L75W3 PSU WB WH	22W	3000K	White	Surface mount	750x30mm	≥ 80	WB
SM308C P22/830 L75W3 PSU MB WH	22W	3000K	White	Surface mount	750x30mm	≥ 80	MB
SP308P P22/865 L75W3 PSU WB WH	22W	6500K	White	Suspension	750x30mm	≥ 80	WB
SP308P P22/865 L75W3 PSU MB WH	22W	6500K	White	Suspension	750x30mm	≥ 80	MB
SP308P P22/840 L75W3 PSU WB WH	22W	4000K	White	Suspension	750x30mm	≥ 80	WB
SP308P P22/840 L75W3 PSU MB WH	22W	4000K	White	Suspension	750x30mm	≥ 80	MB
SP308P P22/830 L75W3 PSU WB WH	22W	3000K	White	Suspension	750x30mm	≥ 80	WB
SP308P P22/830 L75W3 PSU MB WH	22W	3000K	White	Suspension	750x30mm	≥ 80	MB
SM308C P30/865 L120W3 PSU WB WH	30W	6500K	White	Surface mount	1200x30mm	≥ 80	WB
SM308C P30/865 L120W3 PSU MB WH	30W	6500K	White	Surface mount	1200x30mm	≥ 80	MB
SM308C P30/840 L120W3 PSU WB WH	30W	4000K	White	Surface mount	1200x30mm	≥ 80	WB
SM308C P30/840 L120W3 PSU MB WH	30W	4000K	White	Surface mount	1200x30mm	≥ 80	MB
SM308C P30/830 L120W3 PSU WB WH	30W	3000K	White	Surface mount	1200x30mm	≥ 80	WB
SM308C P30/830 L120W3 PSU MB WH	30W	3000K	White	Surface mount	1200x30mm	≥ 80	MB
SP308P P30/865 L120W3 PSU WB WH	30W	6500K	White	Suspension	1200x30mm	≥ 80	WB
SP308P P30/865 L120W3 PSU MB WH	30W	6500K	White	Suspension	1200x30mm	≥ 80	MB
SP308P P30/840 L120W3 PSU WB WH	30W	4000K	White	Suspension	1200x30mm	≥ 80	WB
SP308P P30/840 L120W3 PSU MB WH	30W	4000K	White	Suspension	1200x30mm	≥ 80	MB
SP308P P30/830 L120W3 PSU WB WH	30W	3000K	White	Suspension	1200x30mm	≥ 80	WB
SP308P P30/830 L120W3 PSU MB WH	30W	3000K	White	Suspension	1200x30mm	≥ 80	MB
SM308C P38/865 L140W3 PSU WB WH	38W	6500K	White	Surface mount	1400x30mm	≥ 80	WB
SM308C P38/865 L140W3 PSU MB WH	38W	6500K	White	Surface mount	1400x30mm	≥ 80	MB
SM308C P38/840 L140W3 PSU WB WH	38W	4000K	White	Surface mount	1400x30mm	≥ 80	WB
SM308C P38/840 L140W3 PSU MB WH	38W	4000K	White	Surface mount	1400x30mm	≥ 80	MB
SM308C P38/830 L140W3 PSU WB WH	38W	3000K	White	Surface mount	1400x30mm	≥ 80	WB
SM308C P38/830 L140W3 PSU MB WH	38W	3000K	White	Surface mount	1400x30mm	≥ 80	MB
SP308P P38/865 L140W3 PSU WB WH	38W	6500K	White	Suspension	1400x30mm	≥ 80	WB
SP308P P38/865 L140W3 PSU MB WH	38W	6500K	White	Suspension	1400x30mm	≥ 80	MB
SP308P P38/840 L140W3 PSU WB WH	38W	4000K	White	Suspension	1400x30mm	≥ 80	WB
SP308P P38/840 L140W3 PSU MB WH	38W	4000K	White	Suspension	1400x30mm	≥ 80	MB
SP308P P38/830 L140W3 PSU WB WH	38W	3000K	White	Suspension	1400x30mm	≥ 80	WB
SP308P P38/830 L140W3 PSU MB WH	38W	3000K	White	Suspension	1400x30mm	≥ 80	MB
SM308C P45/865 L170W3 PSU WB WH	45W	6500K	White	Surface mount	1700x30mm	≥ 80	WB
SM308C P45/865 L170W3 PSU MB WH	45W	6500K	White	Surface mount	1700x30mm	≥ 80	MB
SM308C P45/840 L170W3 PSU WB WH	45W	4000K	White	Surface mount	1700x30mm	≥ 80	WB
SM308C P45/840 L170W3 PSU MB WH	45W	4000K	White	Surface mount	1700x30mm	≥ 80	MB
SM308C P45/830 L170W3 PSU WB WH	45W	3000K	White	Surface mount	1700x30mm	≥ 80	WB
SM308C P45/830 L170W3 PSU MB WH	45W	3000K	White	Surface mount	1700x30mm	≥ 80	MB
SP308P P45/865 L170W3 PSU WB WH	45W	6500K	White	Suspension	1700x30mm	≥ 80	WB
SP308P P45/865 L170W3 PSU MB WH	45W	6500K	White	Suspension	1700x30mm	≥ 80	MB

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Body color	Installation method	Dimensions (LengthxWidth)	Color rendering	Beam angle
SP308P P45/840 L170W3 PSU WB WH	45W	4000K	White	Suspension	1700x30mm	≥ 80	WB
SP308P P45/840 L170W3 PSU MB WH	45W	4000K	White	Suspension	1700x30mm	≥ 80	MB
SP308P P45/830 L170W3 PSU WB WH	45W	3000K	White	Suspension	1700x30mm	≥ 80	WB
SP308P P45/830 L170W3 PSU MB WH	45W	3000K	White	Suspension	1700x30mm	≥ 80	MB

GreenUp Linear Flex Linear Luminaire Black Series SP309P/RS309B

PHILIPS



Recessed combination of floodlight and 1 grid light



Suspended combination of floodlight and 2 grid lights



Recessed combination of floodlight and 2 grid lights



Suspended combination of floodlight and 1 grid light



Suspended combination of floodlight and 4 grid lights



Suspended combination of floodlight and 2 grid lights up-down light source

Multiple Combinations of Linear Luminaires to Decorate Stylish Space

This linear luminaire black series includes multiple combinations of floodlight and spotlight, for both functional and decorative lighting. This series supports recessed and suspension installation, and the suspension version is provided with up-down light enhancing aesthetics of the interior spaces.

Product features

Versatile Offering

Available in a rich range of product combinations of floodlight and grid light

Flexible applications

The suspension version is provided with up-down light source

Flexible installation, available in recessed and suspension installation

Compatible with multiple systems

PSU and 1-10V control modes available

Model	L(mm)	W(mm)	H(mm)	Hole-cutting size(mm)
SM386C S5	136	35	85	
SM386C S10	270	35	85	
SM386C S15	402	35	85	
RS386B S1	45	45	43	(36-39)x(36-39)
RS386B S2	75	45	43	(66-69)x(36-39)
RS386B S5	146	45	48	(137-140)x(35-38)
RS386B S10	280	45	48	(270-273)x(35-38)
RS386B S15	413	45	48	(403-406)x(35-38)

Commercial

Main Applications

- Office
- Retail industry
- Hospitality segment
- Conference room



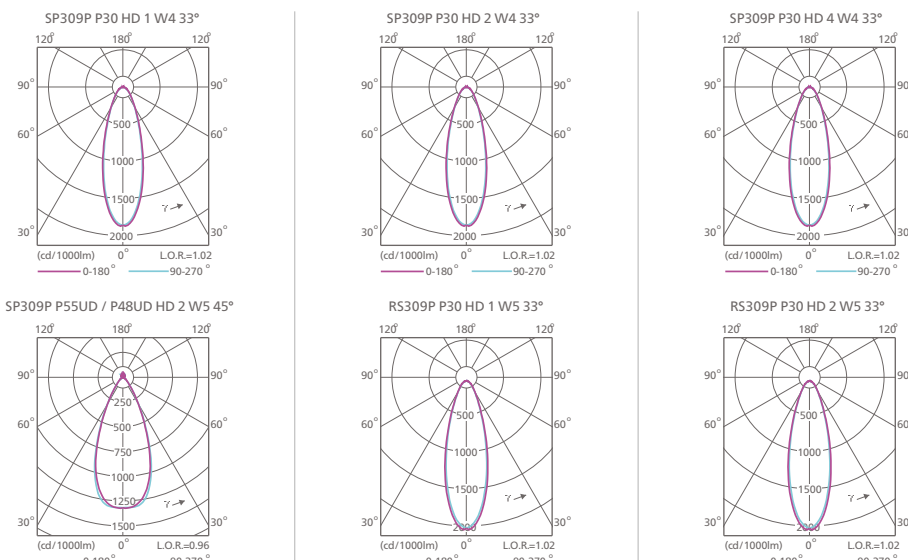
Model Selection Guide

<p>SP309P P30 HD 1 W4 suspended combination of floodlight and 1 grid light</p> <p>SP309P P30 HD 2 W4 suspended combination of floodlight and 2 grid lights</p> <p>SP309P P30 HD 4 W4 suspended combination of floodlight and 4 grid lights</p>		<p>Power</p> 30W	<p>Color temperature</p> 3000K 4000K 5700K	<p>Beam angle</p> 33°
<p>RS309B P30 HD 1 W5 recessed combination of floodlight and 1 grid light</p> <p>RS309B P30 HD 2 W5 recessed combination of floodlight and 2 grid lights</p>		<p>Power</p> 30W	<p>Color temperature</p> 3000K 4000K 5700K	<p>Beam angle</p> 33°
<p>SP309P P55UD/ P48UD HD 2 W5 suspended combination of floodlight and 2 grid lights up-down light source</p>		<p>Power</p> 48W 55W	<p>Color temperature</p> 3000K 4000K 5700K	<p>Beam angle</p> 45°

Technical parameters

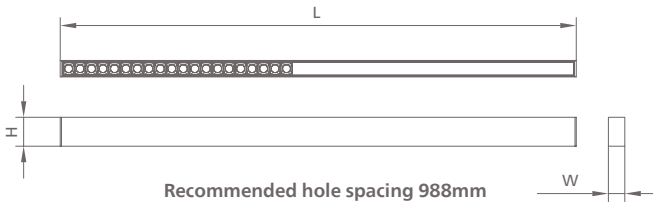
Product model	SP309P W4	RS309B W5	SP309P W5 P55UD PSU	SP309P W5 P48UD 1-10V
Light source way	Direct light		Up-down light	
Luminous flux ± 10%	3000K : 1950lm 4000K : 2100lm 5700K : 2100lm	3000K : 1950lm 4000K : 2100lm 5700K : 2100lm	PSU@3000K : 4400lm PSU@4000K : 4950lm PSU@5700K : 4950lm	1-10@3000K: 4100lm 1-10@4000K: 4500lm 1-10@5700K: 4500lm
Power (PSU)±10%	30W	30W	PSU: 55W (upper: 11.5W down: 43.5W)	1-10V 48W (upper: 11.5W down: 36.5W)
Luminous efficacy (PSU)±10%	3000K : 65lm/W 4000K : 70lm/W 5700K : 70lm/W	3000K : 65lm/W 4000K : 70lm/W 5700K : 70lm/W	PSU@3000K : 80lm/W PSU@4000K : 90lm/W PSU@5700K : 90lm/W	1-10V@3000K: 85lm/W 1-10V@4000K: 93lm/W 1-10V@5700K: 93lm/W
Life	25000 hours @L70 B50			
Color temperature	3000K/4000K/5700K			
Color rendering index (CRI)	≥ 80			
R9	>0			
Color tolerance	SDCM ≤ 5			
Beam angle	33°		45°	
Glare index (UGR)	<23			
Input voltage	AC : 220-240V			
Input frequency	50/60Hz			
Safety class	PSU : II ; 1-10V I		I	
Power factor	0.9			
Control	PSU , 1-10V		PSU	1-10V
Driver	Built-in driver	External driver	PSU	Built-in driver
Length of suspension chain	1m	NA	PSU	1m
Installation method	Suspension	Recessed	PSU	Suspension
IP grade	IP20			
Operating temperature	-20 ~40°C			
Body material	Aluminum			
Body color	Black			

Light distribution curve

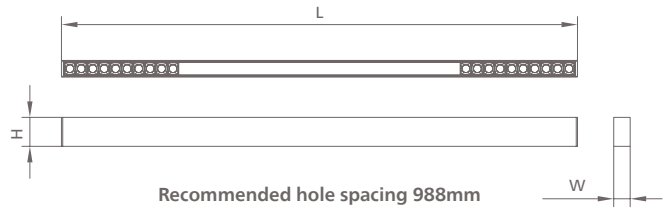


Dimensional drawing

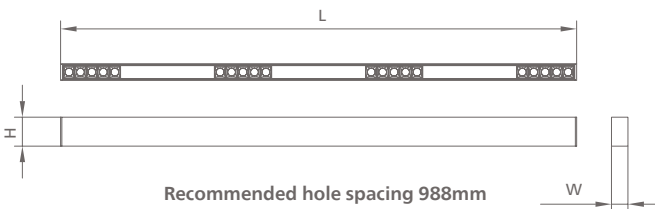
SP309P P30 HD 1 W4
combination of floodlight and 1 grid light



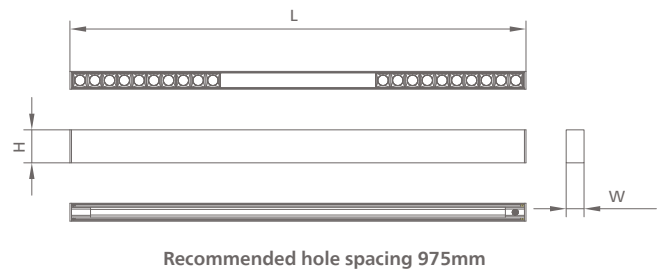
SP309P P30 HD 2 W4
combination of floodlight and 2 grid lights



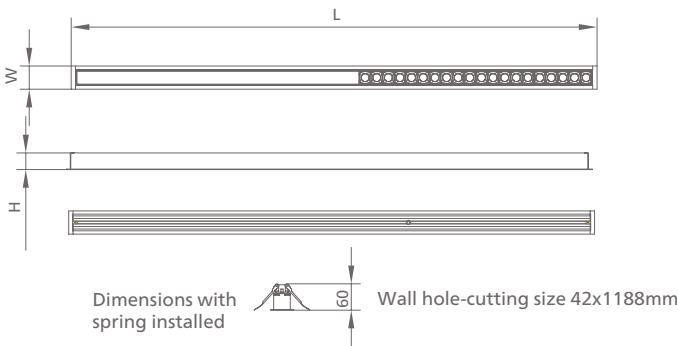
SP309P P30 HD 4 W4
combination of floodlight and 4 grid lights



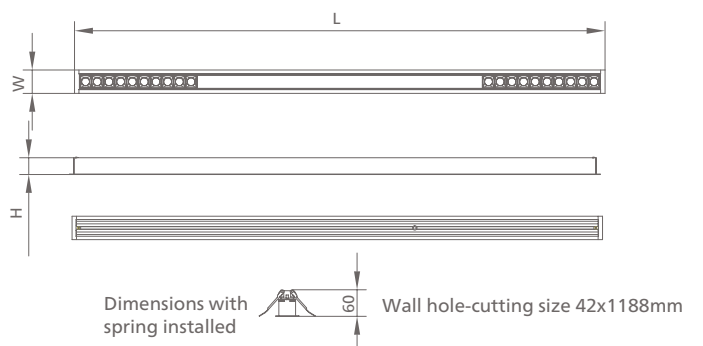
SP309P P55UD / P48UD HD 2 W5
combination of floodlight and 2 grid lights up- down light



RS309B P30 HD 1 W5 PSU
combination of floodlight and 1 grid light



RS309B P30 HD 2 W5 PSU
combination of floodlight and 2 grid lights



Model	L(mm)	W(mm)	H(mm)	Recommended hole distance (mm)
SP309P P30 L120W4 PSU HD 1	1188	38	66	988
SP309P P30 L120W4 PSU HD 2	1188	38	66	988
SP309P P30 L120W4 PSU HD4	1188	38	66	988
SP309P P30 L120W4 PSR 1-10V HD 1	1188	38	66	988
SP309P P30 L120W4 PSR 1-10V HD 2	1188	38	66	988
SP309P P30 L120W4 PSR 1-10V HD 4	1188	38	66	988
SP309P P55UD L120W5 PSU HD 2	1175	46	85	975
SP309P P48UD L120W5 PSR 1-10V HD 2	1175	46	85	975
RS309B P30 L120W5 PSU-E HD 1	1200	53	38	-
RS309B P30 L120W5 PSU-E HD 2	1200	53	38	-
RS309B P30 L120W5 PSR 1-10V HD 1	1200	53	62	-
RS309B P30 L120W5 PSR 1-10V HD 2	1200	53	62	-

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Body color	Installation method	Dimensions (LengthxWidth)	Color rendering	Beam angle
RS309B P30/857 L120W5 PSU-E HD 2 BK	30W	5700K	Black	Recessed	1200x50mm	≥ 80	33°
RS309B P30/857 L120W5 PSU-E HD 1 BK	30W	5700K	Black	Recessed	1200x50mm	≥ 80	33°
RS309B P30/857 L120W5 PSR 1-10V-E HD 2	30W	5700K	Black	Recessed	1200x50mm	≥ 80	33°
RS309B P30/857 L120W5 PSR 1-10V-E HD 1	30W	5700K	Black	Recessed	1200x50mm	≥ 80	33°
RS309B P30/840 L120W5 PSU-E HD 2 BK	30W	4000K	Black	Recessed	1200x50mm	≥ 80	33°
RS309B P30/840 L120W5 PSU-E HD 1 BK	30W	4000K	Black	Recessed	1200x50mm	≥ 80	33°
RS309B P30/840 L120W5 PSR 1-10V-E HD 2	30W	4000K	Black	Recessed	1200x50mm	≥ 80	33°
RS309B P30/840 L120W5 PSR 1-10V-E HD 1	30W	4000K	Black	Recessed	1200x50mm	≥ 80	33°
RS309B P30/830 L120W5 PSU-E HD 2 BK	30W	3000K	Black	Recessed	1200x50mm	≥ 80	33°
RS309B P30/830 L120W5 PSU-E HD 1 BK	30W	3000K	Black	Recessed	1200x50mm	≥ 80	33°
RS309B P30/830 L120W5 PSR 1-10V-E HD 2	30W	3000K	Black	Recessed	1200x50mm	≥ 80	33°
RS309B P30/830 L120W5 PSR 1-10V-E HD 1	30W	3000K	Black	Recessed	1200x50mm	≥ 80	33°
SP309P P55UD/857 L120W5 PSU HD 2 BK	55W	5700K	Black	Suspension	1200x50mm	≥ 80	45°
SP309P P55UD/840 L120W5 PSU HD 2 BK	55W	4000K	Black	Suspension	1200x50mm	≥ 80	45°
SP309P P55UD/830 L120W5 PSU HD 2 BK	55W	3000K	Black	Suspension	1200x50mm	≥ 80	45°
SP309P P48UD/857 L120W5 PSR 1-10V HD 2	48W	5700K	Black	Suspension	1200x50mm	≥ 80	45°
SP309P P48UD/840 L120W5 PSR 1-10V HD 2	48W	4000K	Black	Suspension	1200x50mm	≥ 80	45°
SP309P P48UD/830 L120W5 PSR 1-10V HD 2	48W	3000K	Black	Suspension	1200x50mm	≥ 80	45°
SP309P P30/857 L120W4 PSU HD 4 BK	30W	5700K	Black	Suspension	1200x40mm	≥ 80	33°
SP309P P30/857 L120W4 PSU HD 2 BK	30W	5700K	Black	Suspension	1200x40mm	≥ 80	33°
SP309P P30/857 L120W4 PSU HD 1 BK	30W	5700K	Black	Suspension	1200x40mm	≥ 80	33°
SP309P P30/857 L120W4 PSR 1-10V HD 4	30W	5700K	Black	Suspension	1200x40mm	≥ 80	33°
SP309P P30/857 L120W4 PSR 1-10V HD 2	30W	5700K	Black	Suspension	1200x40mm	≥ 80	33°
SP309P P30/857 L120W4 PSR 1-10V HD 1	30W	5700K	Black	Suspension	1200x40mm	≥ 80	33°
SP309P P30/840 L120W4 PSU HD 4 BK	30W	4000K	Black	Suspension	1200x40mm	≥ 80	33°
SP309P P30/840 L120W4 PSU HD 2 BK	30W	4000K	Black	Suspension	1200x40mm	≥ 80	33°
SP309P P30/840 L120W4 PSU HD 1 BK	30W	4000K	Black	Suspension	1200x40mm	≥ 80	33°
SP309P P30/840 L120W4 PSR 1-10V HD 4	30W	4000K	Black	Suspension	1200x40mm	≥ 80	33°
SP309P P30/840 L120W4 PSR 1-10V HD 2	30W	4000K	Black	Suspension	1200x40mm	≥ 80	33°
SP309P P30/840 L120W4 PSR 1-10V HD 1	30W	4000K	Black	Suspension	1200x40mm	≥ 80	33°
SP309P P30/830 L120W4 PSU HD 4 BK	30W	3000K	Black	Suspension	1200x40mm	≥ 80	33°
SP309P P30/830 L120W4 PSU HD 2 BK	30W	3000K	Black	Suspension	1200x40mm	≥ 80	33°
SP309P P30/830 L120W4 PSU HD 1 BK	30W	3000K	Black	Suspension	1200x40mm	≥ 80	33°
SP309P P30/830 L120W4 PSR 1-10V HD 4	30W	3000K	Black	Suspension	1200x40mm	≥ 80	33°
SP309P P30/830 L120W4 PSR 1-10V HD 2	30W	3000K	Black	Suspension	1200x40mm	≥ 80	33°
SP309P P30/830 L120W4 PSR 1-10V HD 1	30W	3000K	Black	Suspension	1200x40mm	≥ 80	33°

Downlights

Commercial

Compare the features of our selection of downlights to choose the version best suited to your needs.



Portfolio Summary

LuxSpace Downlight
DN560B/DN561B (Mini)
DN570B/DN571B (Compact)
DN572B (Square)



- Ideal combination of efficiency, lighting comfort and design.
- Wide choice of finishes: 3 finish colors, 4 different bezels.
- Available as ceiling mount without bezel, and in square shape.
- Available with emergency lighting
- EU origin version available

LuxSpace G4
DN588B/598B/590B/591B/
592B/593B/594B



- Extensive range , system lumen output multiple beam angle options are 30° & 60°, CRI 80 & 90
- Suitable for multiple environments
- IP20 & IP54 (front only)
- Professional optical design
- Multiple connectivity options

GreenSpace Downlight
TT TC (3D PerfectFit)
DN46XB/DN47XB (3D)



- Customized dimensions (Perfect Fit) and 3 finish colors available for adaption to any type of ceiling
- Available in Opal diffuser and emergency lighting version
- EU origin version available

Coreline Downlight gen5
DN142B



- Easy - to - Install (DC plug, patching) and comfortable lighting (UGR 19 on Aluminum Reflector Version)
- Available with emergency lighting version

GreenSpace G6
DN39X G2



- NarrowBezel Deep Recessed AntiGlare Downlight
- Free from visible stroboscopic effect, better for eye protection
- Product diversity, 6 lumen packages and 3 cut out sizes
- Excellent glare rating with aluminum reflector UGR<19

Diameter of recess (mm)	Type of reflector available	System flux	Efficiency	Service life	Visual comfort	CRI	Protection index	Connectivity	Standard Warranty
Ø150 to 200 Available in square version	4 reflectors available: C (Mirror Gloss) M (Matte) F (with Facets) WR (White)	800 to 6000 lm	Up to 150 lm/W	50,000 h L90	UGR 19 / 22	CRI >80	IP20/54	Interact ready versions	5 Years
Ø100/Ø125/ Ø150/Ø200	High-gloss Aluminum (C)	740 to 4300lm	Upto 125 lm/W	50000 Hours @ L70 @ 25°C	UGR ≤19	CRI >80/ CRI >90	IP20 / IP54 (Option with front cover)	Interact ready versions	5 Years
Ø150 to Ø280 or to measure via 3D printing (perfect fit)	High Gloss Aluminum (C)	1200 to 3000 lm	Upto 137 lm/W	50 000 h L80	UGR 19/22/ 27 (Opal Diffuser)	CRI >80	IP20/54	Interact ready versions	5 Years
Ø150 to Ø200	2 reflectors available: White (WR) Aluminum	1100 lm 2200 lm	Upto 122 lm/W	50 000 h L80	UGR 19 (Aluminium reflector) UGR25 (White color)	CRI >80	IP 20/54	Interact ready versions	5 Years
Ø100/Ø150/ Ø200	2 reflectors available: White (WH) Aluminum (AL)	670lm to 3550lm	Upto 124lm/W	50,000 hours (L80B50@ Ta=25 °C)	UGR 19 (Aluminium reflector) UGR25 (White color)	CRI >80	IP20 and IP54 (front)	Interact ready versions	5 Years

Downlights

Commercial

Compare the features of our selection of downlights to choose the version best suited to your needs.



Portfolio Summary

GreenSpace Power
DN284B/285B



- Safe and comfortable deep recessed professional optical design
- Patented heat dissipation design ensures long-lasting and reliable system performance with 50,000 hours of life
- Various sizes of power are matched to meet the demand of energy-saving transformation

Coreline Slim Downlight
gen3 DN145B
DN145C (Surface Mount)



- Ideal for renovation thanks to its extra flat design that integrates with all types of ceilings
- Surface mount version available
- Uniform diffused light source

GreenSpace Surface
Mounted
SM291C/293C/294C/295C



- Two light distribution angles are designed to meet the application requirements of different floor heights (1000/2000lm 90° ; 4000/7000lm 60°)
- Elegant and beautiful design with spatial body texture.
- Professional optical design, reduces glare, up to UGR22
- Durable, reliable and long lasting, with a life span of 50,000 hours

GreenSpace Surface
Mounted High Power
DN397C



- Excellent optical design with medium beam and wide beam selection.
- Slim and elegant design, diameter 220mm.
- High consistency-CRI >80, SDCM 3, can further improve anti-glare performance (UGR) with Honeycomb louver (ETO) option.
- IP65 Protection grade
- Surface mount and suspension installation

GreenUp Surface
Mount & Suspension/
Pendent Downlight Series
SM303C/SM304C/SP303P



- High quality downlight range with aesthetic design and versatile offerings
- Excellent color rendering performance (CRI 90, R9>50)
- Available beam angles (NB, MB, WB, VWB)
- Flexible installation options: surface mount, suspension mount
- Two designs: round and square

Diameter of recess (mm)	Type of reflector available	System flux	Efficiency	Service life	Visual comfort	CRI	Protection index	Connectivity	Standard Warranty
Ø203mm, Ø254mm	High Purity Aluminum, High Reflectivity Coating	3320lm to 4295lm	Up to 100 lm/W	50,000 Hours L70B50 @ 25 degree C	UGR ≤24	CRI >80	IP20	No	5 Years
Ø152 to Ø203	No reflector: Uniform light surface	650 lm 1100 lm 2100 lm	100 lm/W	50 000 h L70	UGR ≤28	CRI >80	IP 44	Interact ready versions	5 Years
Ø160 x H135mm, Ø160 x H170mm, Ø200 x H242mm	2 reflectors available: White (WH) Aluminum (AL)	1000lm, 2000lm, 4000lm, 6700lm	100lm/W	50,000 Hours @ L70B50, Ta25°C	UGR22	CRI >80	IP20 and IP65	No	5 Years
PSU: Ø220 x H236mm PSD: Ø220 x H361mm	No reflector: uniform light surface	12000 lm	118 lm/W	50,000 Hours	UGR<25	CRI≥80	IP65	No	5 Years
Ø65 to Ø160	-	SM303C/P : 460 lm to 760lm SM303C (Round) : 760 to 2490lm SM304C: 770 to 1170lm	Upto 91lm/W	50,000 h @L70B50	UGR <19	CRI 90	IP20	No	5 Years

LuxSpace Mini DN560B / DN561B



Commercial

PHILIPS

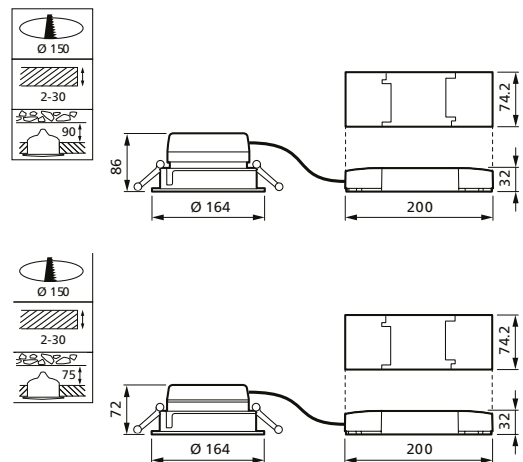
interact ready.



Version with black bezel

The mini version of the premium downlight: efficient and discreet

- Creates soft, natural, comfortable light
- Optimum efficiency : upto 150 lm/W
- Perfect integration with the ceiling, thanks to a slim, narrow bezel
- Available in bezel-less version for integration in plaster ceilings
- Various bezel colors: high-gloss metallic aluminum, white (RAL9010), grey, black (RAL9005) as standard (other RAL colors on request)
- Four reflectors: high-gloss aluminum, faceted, matte and white
- IP54 version (illuminated face) optional : PG and PGO closure
- Connector with branching
- Interact ready connected version available



Dimension in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
UGR 19, 3000K or 4000K, without dimming (PSU-E), high-gloss Alu reflector (C), White bezel (WH)					
DN561B LED12S/830 PSU-E C WH	1 350	10,6	127	3 000	80
DN561B LED12S/840 PSU-E C WH	1 350	9,8	138	4 000	80
UGR 19, 3000K or 4000K, Dali2 dimmer (DIA), high-gloss Alu reflector (C), White bezel (WH)					
DN561B LED12S/840 DIA-VLC-E C WH	1 350	9,8	138	4 000	80
UGR 22, 3000K or 4000K, without dimming (PSU-E), high-gloss Alu reflector (C), White bezel (WH)					
DN560B LED12S/830 PSU-E C WH	1 350	10,6	127	3 000	80
DN560B LED12S/840 PSU-E C WH	1 350	9,8	138	4 000	80
UGR 22, 3000K or 4000K, Dali2 dimmer (DIA), high-gloss Alu reflector (C), White bezel (WH)					
DN560B LED12S/830 DIA-VLC-E C WH	1 350	10,6	127	3 000	80
DN560B LED12S/840 DIA-VLC-E C WH	1 350	9,8	138	4 000	80
UGR 22, IP54, 3000K or 4000K, without dimming (PSU), high-gloss Alu reflector (C), protective glass (PG), White bezel (WH)					
DN560B LED12S/830 PSU-E C PG WH	1 350	10,6	127	3 000	80
DN560B LED12S/840 PSU-E C PG WH	1 350	9,8	138	4 000	80



LuxSpace Compact DN570B / DN571B



50 000 h
L90

5%

PSD
DALI 2

Non-
dimmable
PSU

3 000 K
4 000 K

80

80°

DN570Bi

+10°C to
+35°C

850°C

IK02

IP20

IP54

Driver
Side

Illuminating
face

Commercial

PHILIPS

interact
ready.



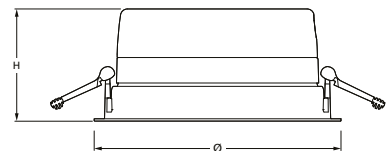
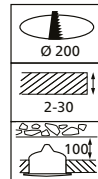
LuxSpace DN570B recessed
with matte reflector



LuxSpace DN570B recessed
with white reflector

The premium downlight : efficiency and high-end design

- Creates soft, natural, comfortable light
- Optimal efficiency upto 150 lm/W
- Upto 6000 lm for great heights
- Perfect integration with the ceiling, thanks to a slim, narrow bezel
- Available in bezel-less version for integration in plaster ceilings
- Various bezel colors: high-gloss metallic aluminum, white (RAL9010), grey, black (RAL9005) as standard (other RAL colors on request)
- Four reflectors: high-gloss aluminum, faceted, matte and white
- Multiple options : PG and PGO (illuminating face IP54), decorative pendant in glass, ceiling mount
- Connector with branching
- Interact ready connected version available



Dimensions in mm	Height	Diameter
DN570B	96,5	214
DN571B	119	214

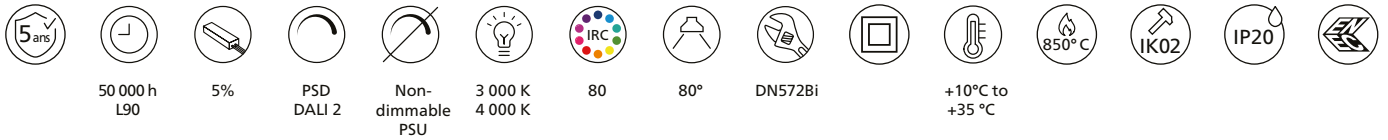
Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
UGR 19, 3000K or 4000K, without dimming (PSU-E), high-gloss Alu reflector (C), White bezel (WH)					
DN571B LED12S/830 PSU-E C WH	1 300	9,9	131	3 000	80
DN571B LED12S/840 PSU-E C WH	1 300	9,2	141	4 000	80
DN571B LED24S/830 PSU-E C WH	2 600	20	130	3 000	80
DN571B LED24S/840 PSU-E C WH	2 600	18,4	141	4 000	80
UGR 22, 3000K or 4000K, Interact ready (WIA-E), high-gloss Alu reflector (C), White bezel (WH)					
DN570B LED24S/830 WIA-E C WH	2 600	20	130	3 000	80
UGR 19, 3000K or 4000K, without dimming (PSU-E), high-gloss Alu reflector (C), White bezel (WH)					
DN571B LED40S/830 PSU-E C WH	4 400	33	133	3 000	80
UGR 22, 3000K or 4000K, Interact ready (WIA-E), high-gloss Alu reflector (C), White bezel (WH)					
DN570B LED24S/840 WIA-E C WH	2 600	20	130	4 000	80
UGR 19, 3000K or 4000K, without dimming (PSU-E), high-gloss Alu reflector (C), White bezel (WH)					
DN571B LED40S/840 PSU-E C WH	4 400	30	147	4 000	80
UGR 19, CRI90, 3000K or 4000K, without dimming (PSU-E), high-gloss Alu reflector (C), White bezel (WH)					
DN571B LED24S/940H PSU-E C WH	2 600	20	133	4 000	80
DN571B LED24S/930H PSU-E C WH	2 600	20	130	3 000	80

LuxSpace Compact DN570B / DN571B

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
UGR 19, 3000K or 4000K, Dali2 dimmer (DIA), high-gloss Alu reflector (C), White bezel (WH)					
DN571B LED12S/830 DIA-VLC-E C WH	1 300	9,9	131	3 000	80
DN571B LED12S/840 DIA-VLC-E C WH	1 300	9,2	141	4 000	80
DN571B LED24S/830 DIA-VLC-E C WH	2 600	20	130	3 000	80
DN571B LED24S/840 DIA-VLC-E C WH	2 600	18,4	141	4 000	80
DN571B LED40S/830 DIA-VLC-E C WH	4 400	33	133	3 000	80
DN571B LED40S/840 DIA-VLC-E C WH	4 400	30	147	4 000	80
UGR 22, 3000K or 4000K, without dimming (PSU-E), high-gloss Alu reflector (C), White bezel (WH)					
DN570B LED12S/840 PSU-E C WH	1 300	9,2	141	4 000	80
DN570B LED20S/840 PSU-E C WH	2 200	14,8	149	4 000	80
DN570B LED24S/830 PSU-E C WH	2 600	20	130	3 000	80
DN570B LED24S/840 PSU-E C WH	2 600	18,4	141	4 000	80
DN570B LED40S/830 PSU-E C WH	4 400	33	133	3 000	80
DN570B LED40S/840 PSU-E C WH	4 400	30	147	4 000	80
DN570B LED60S/830 PSU-E C WH	6 200	48	129	3 000	80
DN570B LED60S/840 PSU-E C WH	6 200	44	141	4 000	80
UGR 22, CRI90, 3000K or 4000K, without dimming (PSU-E), high-gloss Alu reflector (C), White bezel (WH)					
DN570B LED24S/940H PSU-E C WH	2 600	20	133	4 000	80
DN570B LED24S/930H PSU-E C WH	2 600	20	130	3 000	80
UGR 22, 3000K or 4000K, Dali2 dimmer (DIA), high-gloss Alu reflector (C), White bezel (WH)					
DN570B LED12S/830 DIA-VLC-E C WH	1 300	9,9	131	3 000	80
DN570B LED12S/840 DIA-VLC-E C WH	1 300	9,2	141	4 000	80
DN570B LED20S/840 DIA-VLC-E C WH	2 200	14,8	149	4 000	80
DN570B LED24S/830 DIA-VLC-E C WH	2 600	20	130	3 000	80
DN570B LED24S/840 DIA-VLC-E C WH	2 600	18,4	141	4 000	80
DN570B LED40S/830 DIA-VLC-E C WH	4 400	33	133	3 000	80
DN570B LED40S/840 DIA-VLC-E C WH	4 400	30	147	4 000	80
DN570B LED60S/830 DIA-VLC-E C WH	6 200	48	129	3 000	80
DN570B LED60S/840 DIA-VLC-E C WH	6 200	44	141	4 000	80
UGR 22, IP54 (PG), 3000K or 4000K, without dimming (PSU-E), high-gloss Alu reflector (C), White bezel (WH)					
DN570B LED20S/840 PSU-E C PG WH	2 200	14,8	149	4 000	80
UGR 22, IP54 (PG), 3000K ou 4000K, Dail2 dimmer (DIA), high-gloss ALu reflector (C), White bezel (WH)					
DN570B LED20S/840 DIA-VLC-E C PG WH	2 200	14,8	149	4 000	80

LuxSpace Square DN572B



Commercial

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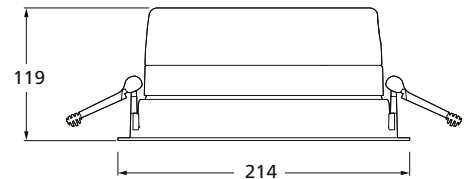
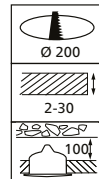
interact ready.



Putting it together

The premium downlight, square version: efficiency and high-end design

- Creates soft, natural, comfortable light
- Optimum efficiency : upto 150 lm/W
- Perfect integration with the ceiling thanks to a slim, narrow bezel
- Available in bezel-less version for integration in plaster ceilings
- Various bezel colors: high-gloss metallic aluminum, white (RAL9010), grey, black (RAL9005) as standard (other RAL colors on request)
- Four reflectors: high-gloss aluminum, faceted, matte and white
- Connector with branching
- Interact ready connected version available



Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
UGR 19, Square, 3000K or 4000K, without dimming (PSU-E), high-gloss Alu reflector (C), White bezel (WH)					
DN572B LED12S/830 PSU-E C WH	1 300	9,9	131	3 000	80
DN572B LED12S/840 PSU-E C WH	1 300	9,2	141	4 000	80
DN572B LED24S/830 PSU-E C WH	2 600	20	130	3 000	80
DN572B LED24S/840 PSU-E C WH	2 600	18,4	141	4 000	80
UGR 19, Square, 3000K or 4000K, Dali2 dimmer (DIA), high-gloss Alu reflector (C), White bezel (WH)					
DN572B LED12S/830 DIA-VLC-E C WH	1 300	9,9	131	3 000	80
DN572B LED12S/840 DIA-VLC-E C WH	1 300	9,2	141	4 000	80
DN572B LED24S/830 DIA-VLC-E C WH	2 600	20	130	3 000	80
DN572B LED24S/840 DIA-VLC-E C WH	2 600	18,4	141	4 000	80

LuxSpace G4 DN588B/589B/590B/591B/592B/593B/594B

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Professional Down Lights Green, Efficient and Energy-Saving LED

LuxSpace G4 is a professional LED Down Lights with high efficiency, low energy consumption and good performance. Its system luminous efficiency is as high as 120lm/W, which can truly reflect the purpose of green lighting and energy saving. Professional optical design and shading protection enable it to create a more comfortable lighting environment. LuxSpace G4 offers a complete product range with multiple lumen and size options, a new 30° beam angle and dimming series such as DALI, POE, Tunable white and IP54 series (front ring only). Its compact appearance and easy installation provide an ideal lighting solution for offices, shopping malls, hotels and other indoor places.

Product features

Energy Saving And High Efficiency

The system efficiency $\geq 120\text{lm/W}$

Extensive Range

Lumen output of the system covers 740lm~4300lm, 4 kinds of opening sizes meet various replacement requirements, multiple beam angle options are 30° & 60°, CRI 80 & 90, IP20 & IP54 (front ring only)

Bright And Comfortable

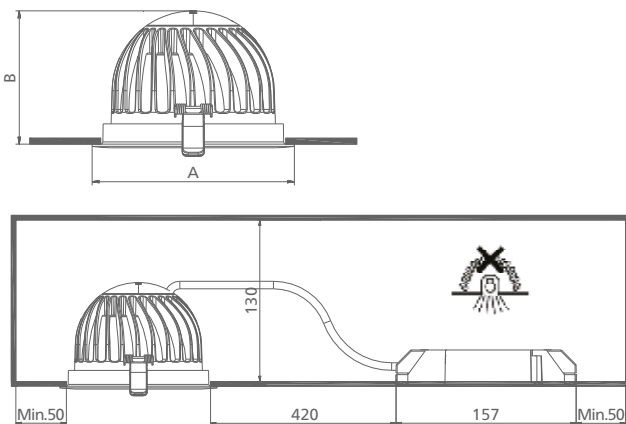
Professional optical design

Long Lasting

Life up to 50000 hours L70 Ta 25°C

Multiple System Compatibility

DALI (POE, DALI-VLC, Adjustable Color Temperature), WIA



Model	Opening Size (mm)	H(mm)	H1(mm)
DN588B	Ø100-105	112	68
DN588/DN589	Ø125-130	137	90
DN590/DN591	Ø125-130	137	90
DN589/DN590	Ø150-155	162	100
DN591/DN592	Ø150-155	162	100
DN591/DN593/DN594	Ø200-205	212	130

Commercial

Main Applications

- Office
- Hotel
- Shopping Center
- Retail Store
- Restaurant
- Airport



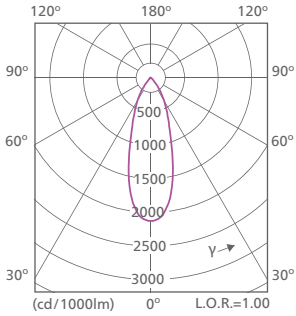
Technical Parameters

Product Model	LuxSpace G4 DN588B LED6	LuxSpace G4 DN589B LED10	LuxSpace G4 DN590B LED15	LuxSpace G4 DN591B LED20	LuxSpace G4 DN592B LED25	LuxSpace G4 DN593B LED30	LuxSpace G4 DN594B LED40
Hole-Cutting Size	Ø100/Ø125	Ø125/Ø150	Ø125/Ø150	Ø125/Ø150/Ø200	Ø150	Ø200	Ø200
System Lumens (@840)	740lm/750lm	1000lm/1050lm	1500lm/1550lm	2100lm/2150lm/2150lm	2600lm	3400lm	4300lm
System Power (±10%)	6.6W	9.3W/8.4W	13.5W	19.3W/19.3W/17.5W	22.6W	32.5W	39.7W
System Efficiency(±10%)	111 lm/W 114 lm/W	110 lm/W 125 lm/W	112 lm/W 115 lm/W	114 lm/W,113 lm/W 125 lm/W	117 lm/W	110 lm/W	113 lm/W
Color Temperature	3000K / 4000K						
Color Rendering Index	CRI 80 R9≥0 / CRI 90 R9≥50 (R9>=0), (R9>=50)						
Color Tolerance	SDCM≤3						
Lifetime	50000 Hours @L70 @ 25°C						
Operating Temperature	-20°C~40°C						
Ip Grade	IP20 / IP54 (Option with front cover)						
Beam Angle	MB: 32~36 / WB: 60~65						
Glare Value	≤19						
Shading Angle	38						
Voltage	220V~240Vac, 50/60Hz						
Control	Fixed Output (PSU)/DALI Dimming/POE/WIA						

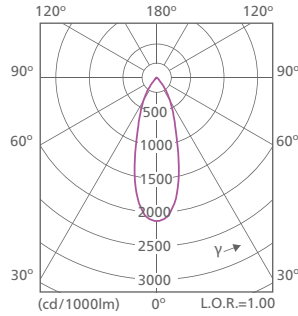
* The allowable range of lumen fluctuation is-10%~+15%. The above parameter information is based on the test parameters of 840 non-adjustable standard products

Light Distribution Curve

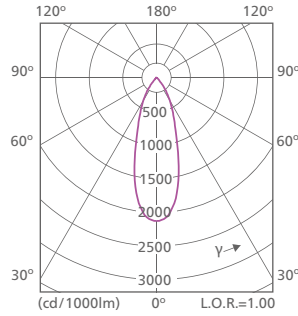
DN589B LED10 CRI 830/840 C
D125 1xLED PSU WH MB GC
DN589B LED10 CRI 930/940 C
D125 1xLED PSU WH MB GC



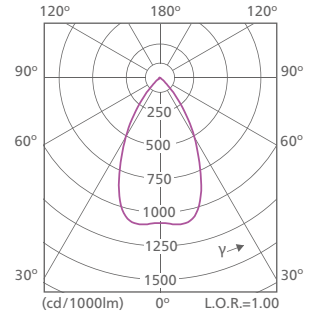
DN590B LED15 CRI 830/840 C
D125 1xLED PSU WH MB GC
DN590B LED15 CRI 930/940 C
D125 1xLED PSU WH MB GC



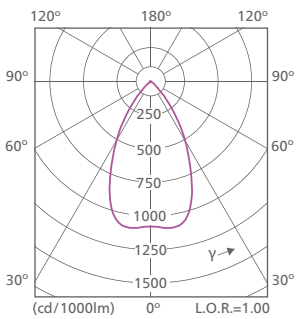
DN591B LED20 CRI 830/840 C
D125 1xLED PSU WH MB GC
DN591B LED20 CRI 930/940 C
D125 1xLED PSU WH MB GC



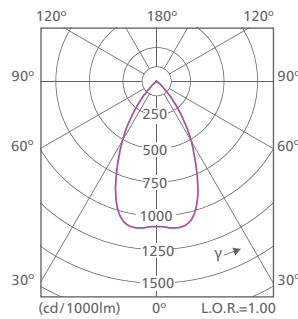
DN589B LED10 CRI 830 C
D150 1xLED PSU WH WB
DN589B LED10 CRI 840 C
D150 1xLED PSU WH W



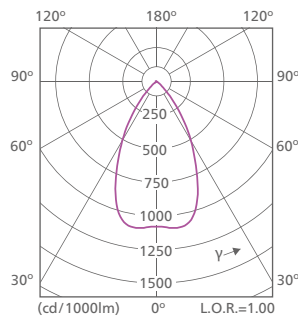
DN590B LED15 CRI 830 C
D150 1xLED PSU WH WB
DN590B LED15 CRI 840 C
D150 1xLED PSU WH WB



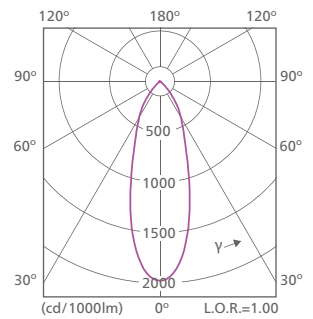
DN591B LED20 CRI 830/840 C
D150 1xLED PSU WH WB
DN591B LED20 CRI 930/940 C
D150 1xLED PSU WH WB GC



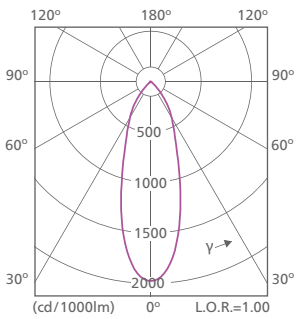
DN592B LED25 CRI 830/840 C
D150 1xLED PSU WH WB GC
DN592B LED25 CRI 930/940 C
D150 1xLED PSU WH WB GC



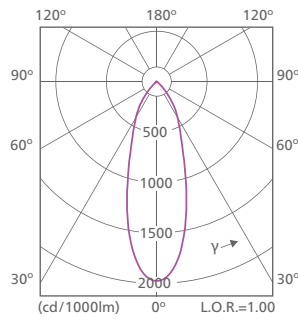
DN591B LED20 CRI 830/840 C
D150 1xLED WH MB GC
DN591B LED20 CRI 930/940 C
D150 1xLED WH MB GC



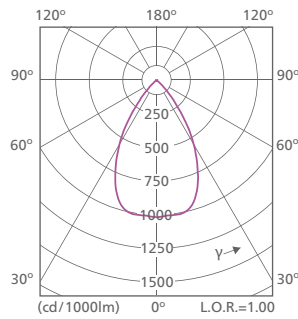
DN591B LED25 CRI 830/840 C
D150 1xLED WH MB GC
DN591B LED25 CRI 930/940 C
D150 1xLED WH MB GC



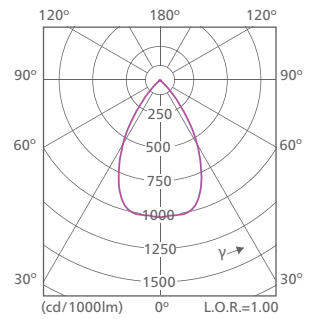
DN591B LED25 CRI 830/840 C
D150 1xLED WH MB GC
DN591B LED25 CRI 930/940 C
D150 1xLED WH MB GC



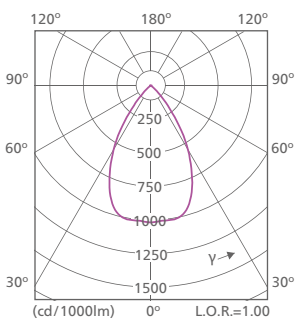
DN591B LED20 CRI 830 C
D200 1xLED PSU WH WB
DN591B LED20 CRI 840 C
D200 1xLED PSU WH WB



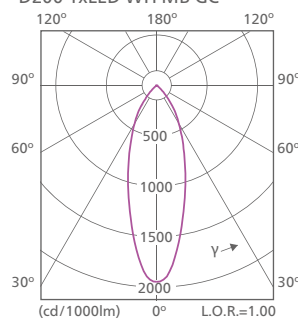
DN593B LED30 CRI 830 C
D200 1xLED PSU WH WB
DN593B LED30 CRI 840 C
D200 1xLED PSU WH WB



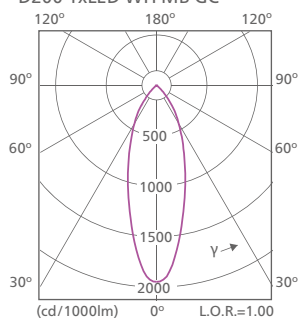
DN593B LED30 CRI 930/940 C
D200 1xLED PSU WH WB GC



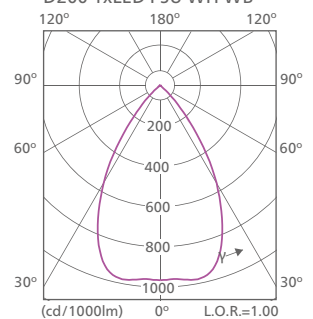
DN593B LED30 CRI 830/840 C
D200 1xLED WH MB GC
DN593B LED30 CRI 930/940 C
D200 1xLED WH MB GC



DN594B LED40 CRI 830/840 C
D200 1xLED WH MB GC
DN594B LED40 CRI 930/840 C
D200 1xLED WH MB GC



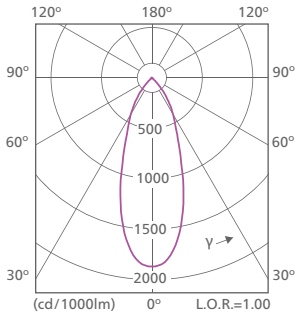
DN594B LED40 CRI 830 C
D200 1xLED PSU WH WB
DN594B LED40 CRI 840 C
D200 1xLED PSU WH WB



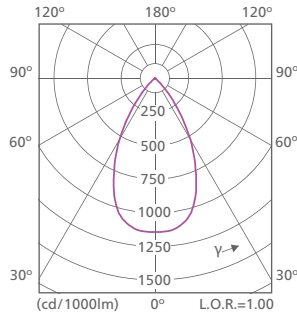
Light Distribution Curve

Commercial

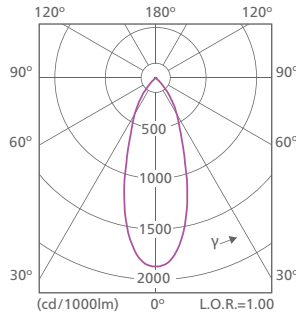
DN588B LED6 CRI 830 C/840 C
D100 1xLED PSU WH MB GC



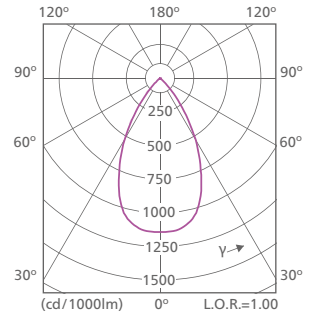
DN588B LED6 CRI 830 C/840 C
D100 1xLED PSU WH WB GC/IN



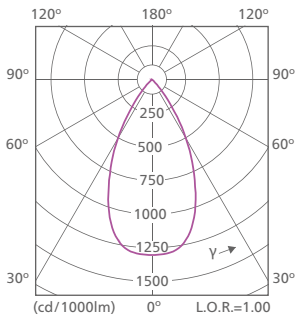
DN588B LED6 CRI 930 C/940 C
D100 1xLED PSU WH MB GC



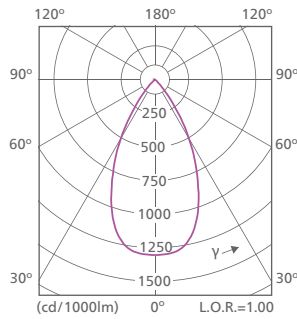
DN588B LED6 CRI 930/940 C
D100 1xLED PSU WH WB GC



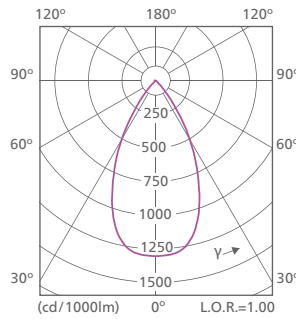
DN588B LED6 CRI 830/840 C
D125 1xLED PSU WH WB GM
DN588B LED6 CRI 830 C
D125 1xLED PSU WH WB WP GM



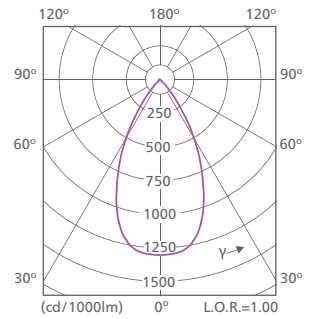
DN589B LED10 CRI 830/840 C
D125 1xLED PSU WH WB GC/IN
DN589B LED10 CRI 930/940 C
D125 1xLED PSU WH WB GC



DN590B LED15 CRI 830/840 C
D125 1xLED PSU WH WB GC
DN590B LED15 CRI 930/940 C
D125 1xLED PSU WH WB GC



DN591B LED20 CRI 830/840 C
D125 1xLED PSU WH WB GC
DN591B LED20 CRI 930/940 C
D125 1xLED PSU WH WB GC



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Color Temperature	Driver	Color Rendering	Weight
DN588B LED6/830 PSU C D100 WH MB	6.6W	3000K	Fixed Output	80	0.38Kg
DN588B LED6/830 PSU C D100 WH WB	6.6W	3000K	Fixed Output	80	0.38Kg
DN588B LED6/840 PSU C D100 WH MB	6.6W	4000K	Fixed Output	80	0.38Kg
DN588B LED6/840 PSU C D100 WH WB	6.6W	4000K	Fixed Output	80	0.38Kg
DN588B LED6/840 PSU C D100 WH WB WP	6.6W	4000K	Fixed Output	80	0.38Kg
DN588B LED6/930 PSU C D100 WH MB	6.6W	3000K	Fixed Output	90	0.38Kg
DN588B LED6/930 PSU C D100 WH WB	6.6W	3000K	Fixed Output	90	0.38Kg
DN588B LED6/940 PSU C D100 WH MB	6.6W	4000K	Fixed Output	90	0.38Kg
DN588B LED6/940 PSU C D100 WH WB	6.6W	4000K	Fixed Output	90	0.38Kg
DN589B LED10/830 PSU C D125 WH MB	9.3W	3000K	Fixed Output	80	0.45Kg
DN589B LED10/830 PSU C D125 WH WB	9.3W	3000K	Fixed Output	80	0.45Kg
DN589B LED10/840 PSU C D125 WH MB	9.3W	4000K	Fixed Output	80	0.45Kg
DN589B LED10/840 PSU C D125 WH WB	9.3W	4000K	Fixed Output	80	0.45Kg
DN589B LED10/930 PSU C D125 WH MB	9.3W	3000K	Fixed Output	90	0.45Kg
DN589B LED10/930 PSU C D125 WH WB	9.3W	3000K	Fixed Output	90	0.45Kg
DN589B LED10/940 PSU C D125 WH MB	9.3W	4000K	Fixed Output	90	0.45Kg

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Color Temperature	Driver	Color Rendering	Weight
DN589B LED10/940 PSU C D125 WH WB	9.3W	4000K	Fixed Output	90	0.45Kg
DN590B LED15/830 PSU C D125 WH MB	13.5W	3000K	Fixed Output	80	0.45Kg
DN590B LED15/830 PSU C D125 WH WB	13.5W	3000K	Fixed Output	80	0.45Kg
DN590B LED15/840 PSU C D125 WH MB	13.5W	4000K	Fixed Output	80	0.45Kg
DN590B LED15/840 PSU C D125 WH WB	13.5W	4000K	Fixed Output	80	0.45Kg
DN590B LED15/930 PSU C D125 WH MB	13.5W	3000K	Fixed Output	90	0.45Kg
DN590B LED15/930 PSU C D125 WH WB	13.5W	3000K	Fixed Output	90	0.45Kg
DN590B LED15/940 PSU C D125 WH MB	13.5W	4000K	Fixed Output	90	0.45Kg
DN590B LED15/940 PSU C D125 WH WB	13.5W	4000K	Fixed Output	90	0.45Kg
DN591B LED20/830 PSU C D125 WH MB	19.3W	3000K	Fixed Output	80	0.45Kg
DN591B LED20/830 PSU C D125 WH WB	19.3W	3000K	Fixed Output	80	0.45Kg
DN591B LED20/840 PSU C D125 WH MB	19.3W	4000K	Fixed Output	80	0.45Kg
DN591B LED20/840 PSU C D125 WH WB	19.3W	4000K	Fixed Output	80	0.45Kg
DN591B LED20/830 PSU C D125 WH WB WP	19.3W	3000K	Fixed Output	80	0.45Kg
DN591B LED20/930 PSU C D125 WH MB	19.3W	3000K	Fixed Output	90	0.45Kg
DN591B LED20/930 PSU C D125 WH WB	19.3W	3000K	Fixed Output	90	0.45Kg
DN591B LED20/940 PSU C D125 WH MB	19.3W	4000K	Fixed Output	90	0.45Kg
DN591B LED20/940 PSU C D125 WH WB	19.3W	4000K	Fixed Output	90	0.45Kg
DN591B LED20/830 PSU C D150 WH MB	19.3W	3000K	Fixed Output	80	0.8Kg
DN591B LED20/830 PSU C D150 WH WB	19.3W	3000K	Fixed Output	80	0.8Kg
DN591B LED20/840 PSU C D150 WH MB	19.3W	4000K	Fixed Output	80	0.8Kg
DN591B LED20/840 PSU C D150 WH WB	19.3W	4000K	Fixed Output	80	0.8Kg
DN591B LED20/930 PSU C D150 WH MB	19.3W	3000K	Fixed Output	90	0.8Kg
DN591B LED20/930 PSU C D150 WH WB	19.3W	3000K	Fixed Output	90	0.8Kg
DN591B LED20/940 PSU C D150 WH MB	19.3W	4000K	Fixed Output	90	0.8Kg
DN591B LED20/940 PSU C D150 WH WB	19.3W	4000K	Fixed Output	90	0.8Kg
DN592B LED25/830 PSU C D150 WH MB	19.3W	3000K	Fixed Output	80	0.8Kg
DN592B LED25/830 PSU C D150 WH WB	22.6W	3000K	Fixed Output	80	0.8Kg
DN592B LED25/840 PSU C D150 WH MB	22.6W	4000K	Fixed Output	80	0.8Kg
DN592B LED25/840 PSU C D150 WH WB	22.6W	4000K	Fixed Output	80	0.8Kg
DN592B LED25/930 PSU C D150 WH MB	22.6W	3000K	Fixed Output	90	0.8Kg
DN592B LED25/930 PSU C D150 WH WB	22.6W	3000K	Fixed Output	90	0.8Kg
DN592B LED25/940 PSU C D150 WH MB	22.6W	4000K	Fixed Output	90	0.8Kg
DN592B LED25/940 PSU C D150 WH WB	22.6W	4000K	Fixed Output	90	0.8Kg
DN593B LED30/830 PSU C D200 WH MB	29.9W	3000K	Fixed Output	80	1.4Kg
DN593B LED30/830 PSU C D200 WH WB	29.9W	3000K	Fixed Output	80	1.4Kg
DN593B LED30/840 PSU C D200 WH MB	29.9W	4000K	Fixed Output	80	1.4Kg
DN593B LED30/840 PSU C D200 WH WB	29.9W	4000K	Fixed Output	80	1.4Kg
DN593B LED30/830 PSU C D200 WH WB WP	29.9W	3000K	Fixed Output	80	1.4Kg
DN593B LED30/930 PSU C D200 WH MB	29.9W	3000K	Fixed Output	90	1.4Kg
DN593B LED30/930 PSU C D200 WH WB	29.9W	3000K	Fixed Output	90	1.4Kg
DN593B LED30/940 PSU C D200 WH MB	29.9W	4000K	Fixed Output	90	1.4Kg
DN593B LED30/940 PSU C D200 WH WB	29.9W	4000K	Fixed Output	90	1.4Kg

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Commercial

Product Model	Power	Color Temperature	Driver	Color Rendering	Weight
DN594B LED40/830 PSU C D200 WH MB	39.7W	3000K	Fixed Output	80	1.4Kg
DN594B LED40/830 PSU C D200 WH WB	39.7W	3000K	Fixed Output	80	1.4Kg
DN594B LED40/840 PSU C D200 WH MB	39.7W	4000K	Fixed Output	80	1.4Kg
DN594B LED40/840 PSU C D200 WH WB	39.7W	4000K	Fixed Output	80	1.4Kg
DN594B LED40/930 PSU C D200 WH MB	39.7W	3000K	Fixed Output	90	1.4Kg
DN594B LED40/930 PSU C D200 WH WB	39.7W	3000K	Fixed Output	90	1.4Kg
DN594B LED40/940 PSU C D200 WH MB	39.7W	4000K	Fixed Output	90	1.4Kg
DN594B LED40/940 PSU C D200 WH WB	39.7W	4000K	Fixed Output	90	1.4Kg
DN589B LED10/830 PSD C D125 WH MB	10W	3000K	Fixed Output	80	0.45Kg
DN589B LED10/830 PSD C D125 WH WB	10W	3000K	Fixed Output	80	0.45Kg
DN589B LED10/840 PSD C D125 WH MB	10W	4000K	DALI Dimming	80	0.45Kg
DN589B LED10/840 PSD C D125 WH WB	10W	4000K	DALI Dimming	80	0.45Kg
DN589B LED10/930 PSD C D125 WH MB	10W	3000K	DALI Dimming	90	0.45Kg
DN589B LED10/930 PSD C D125 WH WB	10W	3000K	DALI Dimming	90	0.45Kg
DN589B LED10/940 PSD C D125 WH MB	10W	4000K	DALI Dimming	90	0.45Kg
DN589B LED10/940 PSD C D125 WH WB	10W	4000K	DALI Dimming	90	0.45Kg
DN590B LED15/830 PSD C D125 WH MB	13.8W	3000K	DALI Dimming	80	0.45Kg
DN590B LED15/830 PSD C D125 WH WB	13.8W	3000K	DALI Dimming	80	0.45Kg
DN590B LED15/840 PSD C D125 WH MB	13.8W	4000K	DALI Dimming	80	0.45Kg
DN590B LED15/840 PSD C D125 WH WB	13.8W	4000K	DALI Dimming	80	0.45Kg
DN590B LED15/930 PSD C D125 WH MB	13.8W	3000K	DALI Dimming	90	0.45Kg
DN590B LED15/930 PSD C D125 WH WB	13.8W	3000K	DALI Dimming	90	0.45Kg
DN590B LED15/940 PSD C D125 WH MB	13.8W	4000K	DALI Dimming	90	0.45Kg
DN590B LED15/940 PSD C D125 WH WB	13.8W	4000K	DALI Dimming	90	0.45Kg
DN591B LED20/830 PSD C D125 WH MB	20W	3000K	DALI Dimming	80	0.45Kg
DN591B LED20/830 PSD C D125 WH WB	20W	3000K	DALI Dimming	80	0.45Kg
DN591B LED20/840 PSD C D125 WH MB	20W	4000K	DALI Dimming	80	0.45Kg
DN591B LED20/840 PSD C D125 WH WB	20W	4000K	DALI Dimming	80	0.45Kg
DN591B LED20/930 PSD C D125 WH MB	20W	3000K	DALI Dimming	90	0.45Kg
DN591B LED20/930 PSD C D125 WH WB	20W	3000K	DALI Dimming	90	0.45Kg
DN591B LED20/940 PSD C D125 WH MB	20W	4000K	DALI Dimming	90	0.45Kg
DN591B LED20/940 PSD C D125 WH WB	20W	4000K	DALI Dimming	90	0.45Kg
DN591B LED20/830 PSD C D150 WH WB	20W	3000K	DALI Dimming	80	0.45Kg
DN591B LED20/830 PSD C D150 WH MB	20W	3000K	DALI Dimming	80	0.45Kg
DN591B LED20/840 PSD C D150 WH MB	20W	4000K	DALI Dimming	80	0.45Kg
DN591B LED20/840 PSD C D150 WH WB	20W	4000K	DALI Dimming	80	0.45Kg
DN591B LED20/930 PSD C D150 WH MB	20W	3000K	DALI Dimming	90	0.45Kg
DN591B LED20/930 PSD C D150 WH WB	20W	3000K	DALI Dimming	90	0.45Kg
DN591B LED20/940 PSD C D150 WH MB	20W	4000K	DALI Dimming	90	0.45Kg
DN591B LED20/940 PSD C D150 WH WB	20W	4000K	DALI Dimming	90	0.45Kg
DN592B LED25/830 PSD C D150 WH MB	23.3W	3000K	DALI Dimming	80	0.8Kg
DN592B LED25/830 PSD C D150 WH WB	23.3W	3000K	DALI Dimming	80	0.8Kg
DN592B LED25/840 PSD C D150 WH MB	23.3W	4000K	DALI Dimming	80	0.8Kg

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Color Temperature	Driver	Color Rendering	Weight
DN592B LED25/840 PSD C D150 WH WB	23.3W	4000K	DALI Dimming	80	0.8Kg
DN592B LED25/930 PSD C D150 WH MB	23.3W	3000K	DALI Dimming	90	0.8Kg
DN592B LED25/930 PSD C D150 WH WB	23.3W	3000K	DALI Dimming	90	0.8Kg
DN592B LED25/940 PSD C D150 WH MB	23.3W	4000K	DALI Dimming	90	0.8Kg
DN592B LED25/940 PSD C D150 WH WB	23.3W	4000K	DALI Dimming	90	0.8Kg
DN590B LED15/830 POE C D125 WH WB	13.5W	3000K	PoE Drive	80	0.45Kg
DN590B LED15/840 POE C D125 WH WB	13.5W	4000K	PoE Drive	80	0.45Kg
DN592B LED25/830 POE C D150 WH WB	22.6W	3000K	PoE Drive	80	0.8Kg
DN592B LED25/840 POE C D150 WH WB	22.6W	4000K	PoE Drive	80	0.8Kg
DN589X LED11/840 D100 WIA WH WB	11.2W	4000K	WIA	80	0.38Kg
DN591X LED22/840 D125 WIA WH WB	19.9W	4000K	WIA	80	0.5Kg
DN592X LED29/840 D150 WIA WH WB	23.3W	4000K	WIA	80	0.8Kg
DN594X LED49/840 D200 WIA WH WB	37.8W	4000K	WIA	80	1.4Kg
DN589X LED10/940 D100 WIA WH WB	11.2W	4000K	WIA	90	0.38Kg
DN591X LED21/940 D125 WIA WH WB	19.9W	4000K	WIA	90	0.5Kg
DN592X LED26/940 D150 WIA WH WB	23.3W	4000K	WIA	90	0.8Kg
DN594X LED44/940 D200 WIA WH WB	37.8W	4000K	WIA	90	1.4Kg



GreenSpace PerfectFit 3D printing

Your custom
downlight

Create your own downlight

Philips 3D-printed luminaires are the ideal solution for quick and easy renovation. With perfect integration guaranteed, our PerfectFit downlights save you hassle and money right from the start. We print a complete downlight, fully adapted to your dimensions, so you don't have to search for an adaptor flange to install the luminaire on the ceiling.

Reduced carbon footprint

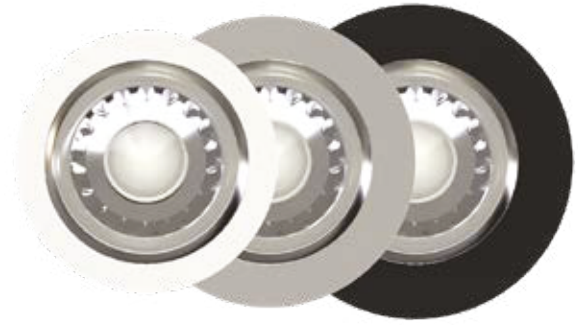
75%* savings on CO2 emissions for raw material extraction, production and transport.

Lightweight for easy installation

620 g for a TT200 version versus almost 1 kg for a comparable product using a die-cast aluminum housing.

* Data based on a comparison between the housing and heat sink of a 3D-printed downlight and the housing of a traditional die-cast aluminum downlight; data for other products vary.

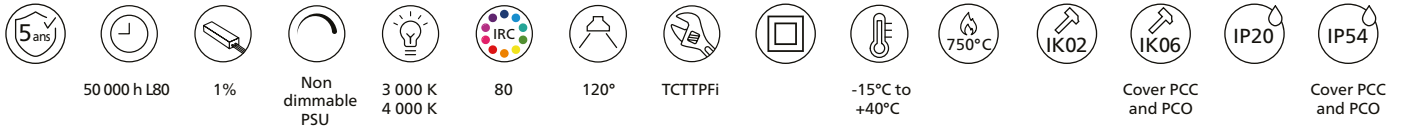
Philips MyCreation configurator



Six steps to quick and easy renovation

- 1 Measure the diameters of the mounting holes in the ceiling
- 2 Configure your downlight in 30 seconds on our online configurator (link opposite)
- 3 Place your order online by sending your distributor the automatically created product data sheet.
- 4 We print your custom downlights
- 5 We deliver your downlights
- 6 Install your fixtures in 2 minutes

GreenSpace PerfectFit 3D printing



Commercial

PHILIPS

interact ready.

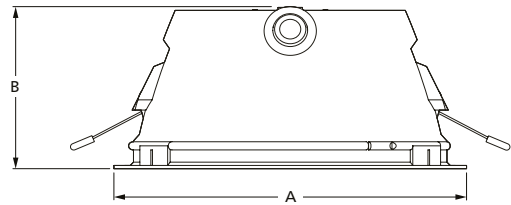


The custom downlight without adaptor bezel

- Available for cut-outs from 150 to 280 mm
- Faster installation - 100% guaranteed fit - no adaptor bezels required
- Beautiful appearance with no double bezels and color differences on the ceiling
- Circular-economy product (recycled polycarbonate/ low carbon footprint, up to 75% less)
- Excellent luminous efficiency : upto 137 lm/W
- Convenient solution with aluminum reflector : available in UGR19
- Quick installation thanks to plug-in mounting and low weight (620g)
- Robust construction in 3D-printed recycled polycarbonate
- Interact ready connected version available

Dimensions in mm	Height	Diameter
TT150	150	77
TT155	155	77
TT160	160	77
TT165	165	77
TT170	170	77
TT175	175	77
TT180	180	77
TT185	185	77
TT190	190	77
TT195	195	77
TT200	200	94
TT205	205	94
TT210	210	94
TT215	215	94

Dimensions in mm	Height	Diameter
TT220	220	94
TT225	225	94
TT230	230	94
TT235	235	94
TT240	240	94
TT245	245	94
TT250	250	94
TT255	255	94
TT260	260	94
TT265	265	94
TT270	270	94
TT275	275	94
TT280	280	94



Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
From Ø155 to Ø200mm, 4000K, UGR22, without dimming (PSU-E), White bezel (WH)					
TC TT155 11S/840 PSU-E WH	1 275	9,7	132	4 000	120
From Ø155 to Ø200mm, 4000K, without dimming (PSU-E), transparent optic cover (PCC), White bezel (WH)					
TC TT155 11S/840 PSU-E PCC WH	1 275	9,7	132	4 000	120
From Ø155 to Ø200mm, 4000K, UGR22, without dimming (PSU-E), White bezel (WH)					
TC TT160 11S/840 PSU-E WH	1 275	9,7	132	4 000	120
TC TT165 11S/840 PSU-E WH	1 275	9,7	132	4 000	120
From Ø155 to Ø200mm, 4000K, without dimming (PSU-E), White bezel (WH)					
TC TT190 11S/840 PSU-E WH	1 275	9,7	132	4 000	120
From Ø155 to Ø200mm, 3000K, without dimming (PSU-E), transparent optic cover (PCC), White bezel (WH)					
TC TT155 11S/830 PSU-E PCC WH	1 230	9,7	127	4 000	120
From Ø155 to Ø200mm, 4000K, UGR22, without dimming (PSU-E), White bezel (WH)					
TC TT175 20S/840 PSU-E WH	2 221	17,2	132	4 000	120
TC TT180 20S/840 PSU-E WH201	2 221	17,2	132	4 000	120
TC TT185 20S/840 PSU-E WH	2 221	17,2	132	4 000	120
TC TT190 20S/840 PSU-E WH	2 221	17,2	132	4 000	120
TC TT195 20S/840 PSU-E WH	2 221	17,2	132	4 000	120

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
From Ø155 to Ø200mm, 3000K, without dimming (PSU-E), opal optic cover (PCO), Black bezel (BK)					
TC TT200 20S/830 PSU-E PCC BK	1 990	15,2	131	4 000	120
From Ø155 to Ø200mm, 4000K, without dimming (PSU-E), White bezel (WH)					
TC TT200 30S/840 PSU-E WH	3 057	22,5	136	4 000	120
From Ø155 to Ø200mm, 4000K, without dimming (PSU-E), White bezel (WH)					
TC TT205 20S/840 PSU-E WH	2 071	15,2	136	4 000	120
TC TT210 20S/840 PSU-E WH	2 071	15,2	136	4 000	120
TC TT215 20S/840 PSU-E WH	2 071	15,2	136	4 000	120
TC TT220 20S/840 PSU-E WH	2 071	15,2	136	4 000	120
TC TT225 20S/840 PSU-E WH	2 071	15,2	136	4 000	120
TC TT230 20S/840 PSU-E WH	2 071	15,2	136	4 000	120
TC TT235 20S/840 PSU-E WH	2 071	15,2	136	4 000	120
From Ø205 to Ø250mm, 4000K, without dimming (PSU-E), transparent optic cover (PCC), White bezel (WH)					
TC TT235 30S/840 PSU-E PCC WH	3 057	22,5	136	4 000	120
From Ø205 to Ø250mm, 4000K, UGR22, without dimming (PSU-E), White bezel (WH)					
TC TT240 20S/840 PSU-E WH	2 071	15,2	136	4 000	120
TC TT245 20S/840 PSU-E WH	2 071	15,2	136	4 000	120
TC TT250 30S/840 PSU-E WR WH	3 195	24,5	130	4 000	120
From Ø255 to Ø280mm, 4000K, UGR22, without dimming (PSU-E), White bezel (WH)					
TC TT255 30S/840 PSU-E WR WH	3 195	24,5	130	4 000	120
TC TT260 30S/840 PSU-E WR WH	3 195	24,5	130	4 000	120
TC TT265 30S/840 PSU-E WR WH	3 195	24,5	130	4 000	120
TC TT270 30S/840 PSU-E WR WH	3 195	24,5	130	4 000	120
TC TT275 30S/840 PSU-E WR WH	3 195	24,5	130	4 000	120
TC TT280 30S/840 PSU-E WR WH	3 195	24,5	130	4 000	120
150mm, 3000K, without dimming (PSU-E), opal optic cover (PCO), Black bezel (BK)					
TC TT150 11S/830 PSU-E PCO BK	1 230	9,7	127	4 000	120

Commercial



GreenSpace 3D Interact ready DN460B/DN470B



Commercial

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interact ready.



The 3D-printed low-carbon connected recessed

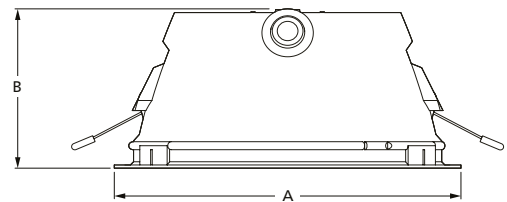
- Circular-economy product (recycled polycarbonate/ low carbon footprint, upto 75% less)
- Excellent luminous efficiency : upto 120 lm/W
- Comfortable solution with aluminum reflector: available in UGR19
- Quick installation, thanks to plug-in mounting and low weight (620g)
- Robust construction in 3D- printed recycled polycarbonate (recycled polycarbonate)
- Interact ready connected version



Mini Version - 150 mm



Compact Version - 200 mm

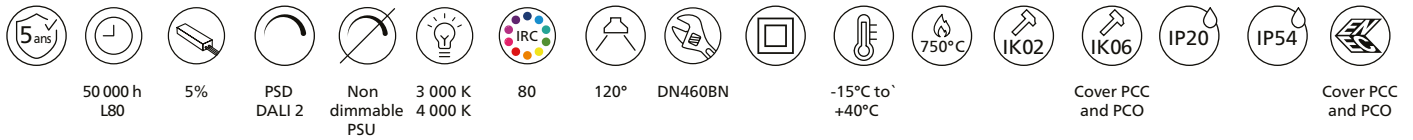


Dimensions in mm	Height	Diameter
DN46xB	77	166
DN47xB	94	216

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
UGR 19, 3000K or 4000K, dimming Interact (WIA), high-gloss Alu reflector (C), White bezel (WH)					
DN471B LED20S/830 WIA-E C WH P	2 025	16,8	120	3 000	120
DN471B LED20S/840 WIA-E C WH P	2 025	16,8	120	4 000	120
UGR 22, 3000K or 4000K, dimming Interact (WIA), high-gloss Alu reflector (C), White bezel (WH)					
DN470B LED20S/830 WIA-E C WH P	2 025	16,8	120	3 000	120
DN470B LED20S/840 WIA-E C WH P	2 025	16,8	120	4 000	120
UGR 22, IP54 (PCC), 3000K or 4000K, dimming Interact (WIA), high-gloss Alu reflector (C), White bezel (WH)					
DN472B LED20S/830 WIA-E C WH PCC P	2 025	16,8	120	3 000	120
DN472B LED20S/840 WIA-E C WH PCC P	2 025	16,8	120	4 000	120

GreenSpace 3D Mini DN460B/DN461B & IP54 DN462B



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The accessible 3D-printed Mini LED downlight

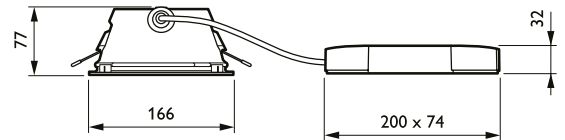
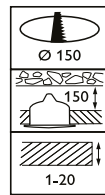
- Circular-economy product (recycled polycarbonate/ low carbon footprint, up to 75% less)
- Excellent luminous efficiency : upto 120 lm/W
- Convenient solution with aluminum reflector: available in UGR19
- Quick to install, thanks to low weight and quick-locking system
- Robust construction in recycled polycarbonate



Product overview with remote driver



Product overview



Dimensions in mm

Commercial

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
UGR 19, 3000K or 4000K, without dimming (PSU-E), high-gloss Alu reflector (C), White bezel (WH)					
DN461B LED11S/830 PSU-E C WH P	1 050	9,8	107	3 000	120
DN461B LED11S/840 PSU-E C WH P	1 100	9,8	111	4 000	120
UGR 19, 3000K or 4000K, Dali2 dimmer (PSD), high-gloss Alu reflector (C), White bezel (WH)					
DN461B LED11S/830 PSD-E C WH P	1 150	9	114	3 000	120
DN461B LED11S/840 PSD-E C WH P	1 150	9	114	4 000	120
UGR 22, 3000K or 4000K, without dimming (PSU-E), high-gloss Alu reflector (C), White bezel (WH)					
DN460B LED11S/830 PSU-E C WH P	1 100	9,8	110	3 000	120
DN460B LED11S/840 PSU-E C WH P	1 125	9,8	114	4 000	120
UGR 22, 3000K or 4000K, Dali2 dimmer (PSD), high-gloss Alu reflector (C), White bezel (WH)					
DN460B LED11S/830 PSD-E C WH P	1 150	9	114	3 000	120
DN460B LED11S/840 PSD-E C WH P	1 150	9	114	4 000	120
UGR 22, IP54 (PCC), 3000K or 4000K, without dimming (PSU-E), high-gloss Alu reflector (C), White bezel (WH)					
DN462B LED11S/830 PSU-E C PCC WH	1 030	9,8	105	3 000	120
DN462B LED11S/840 PSU-E C PCC WH P	1 070	9,8	109	4 000	120

GreenSpace 3D Compact DN470B/DN471B & IP54 DN472B



Commercial

PHILIPS

The affordable 3D-printed Compact LED downlight



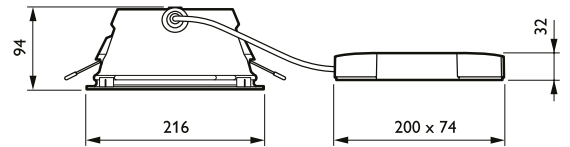
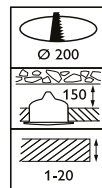
- Circular-economy product (recycled polycarbonate / low carbon footprint, upto 75% less)
- Excellent luminous efficiency : upto 120 lm/W
- Convenient solution with aluminum reflector: available in UGR19
- Quick to install thanks to low weight and quick-locking system
- Robust construction in recycled polycarbonate



Product overview with remote driver



Product overview

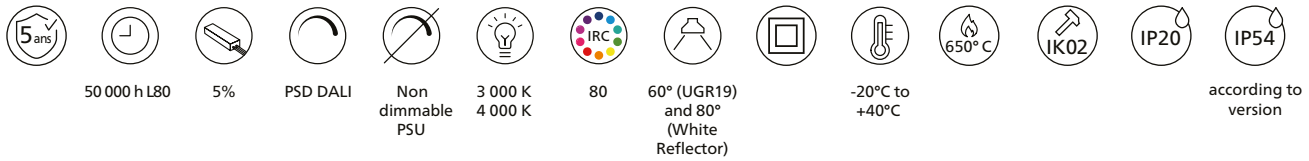


Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. (lm/W)	Color temp (K)	Beam (°)
UGR 19, 3000K or 4000K, without dimming (PSU-E), high-gloss Alu reflector (C), White bezel (WH)					
DN471B LED20S/830 PSU-E C WH P	2 025	16,8	120	3 000	120
DN471B LED20S/840 PSU-E C WH P	2 100	16,8	125	4 000	120
UGR 19, 3000K or 4000K, Dali2 dimmer (PSD), high-gloss Alu reflector (C), White bezel (WH)					
DN471B LED20S/830 PSD-E C WH P	2 025	20	120	3 000	120
DN471B LED20S/840 PSD-E C WH P	2 025	20	120	4 000	120
UGR 22, 3000K or 4000K, without dimming (PSU-E), high-gloss Alu reflector (C), Wieland 3P 0.5m (EW), White bezel (WH)					
DN470B LED20S/830 PSU-E C WH P	2 100	16,8	126	3 000	120
DN470B LED20S/840 PSU-E C WH P	2 200	16,8	131	4 000	120
DN470B LED30S/830 PSU-E C WH P	2 900	23,5	123	3 000	120
DN470B LED30S/840 PSU-E C WH P	3 100	23,5	132	4 000	120
UGR 22, 3000K or 4000K, Dali2 dimmer (PSD), high-gloss Alu reflector (C), White bezel (WH)					
DN470B LED20S/840 PSD-E C WH P	2 025	20	120	4 000	120
DN470B LED20S/830 PSD-E C WH P	2 025	20	120	3 000	120
DN470B LED30S/830 PSD-E C WH P	3 100	33	144	3 000	120
DN470B LED30S/840 PSD-E C WH P	3 100	33	144	4 000	120
UGR 22, IP54 (PCC), 3000K or 4000K, without dimming (PSU-E), high-gloss Alu reflector (C), White bezel (WH)					
DN472B LED20S/830 PSU-E C PCC WH	2 025	16,8	120	3 000	120
DN472B LED20S/840 PSU-E C PCC WH	2 100	16,8	125	4 000	120
UGR 22, IP54 (PCC), 3000K or 4000K, Dali2 dimmer (PSD), high-gloss Alu reflector (C), White bezel (WH)					
DN472B LED20S/830 PSD-VLC-E C PCC WH	2 025	16,8	120	3 000	120
DN472B LED20S/840 PSD-VLC-E C PCC WH	2 100	16,8	125	4 000	120
UGR 27, IP54 Opal (PCO), 3000K or 4000K, without dimming (PSU-E), high-gloss Alu reflector (C), White bezel (WH)					
DN472B LED11S/830 PSD-E C WH PCO P	1 150	9,8	114	3 000	120
DN472B LED20S/840 PSU-E PCO WH	2 100	19,4	108	4 000	120

CoreLine Downlight gen5 DN142B



PHILIPS

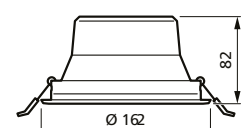
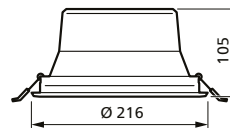
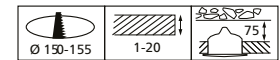
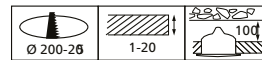
interact ready.



White Reflector Version

The LED downlight, efficient and comfortable

- Guaranteed energy savings over conventional PL-C solutions thanks to excellent luminous efficiency (up to 122 lm/W)
- Minimized maintenance costs thanks to extended service life (50,000 h L80)
- Excellent lighting comfort: flicker-free, UGR19 versions ideal for office applications (aluminum reflector versions)
- Quick installation (default wiring, DC plug allowing driver and connector to be detached from luminaire)
- Available in IP54 versions for healthcare applications, and in dimmable DALI or Interact ready versions for further optimization of power consumption



Compact Version

Dimension in mm

Mini Version

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. (lm/W)	Color temp (K)	Beam (°)
Compact Version					
Equivalent 2xPL-C 26W, version IP20, non-dimmable (PSU-E), white reflector (WR) or aluminium (UGR19)					
DN142B 20S/830 PSU-E WR	2 350	19,2	122	3 000	80
DN142B 20S/830 PSU-E UGR19	2 300	19,2	120	3 000	60
DN142B 20S/840 PSU-E WR	2 350	19,2	122	4 000	80
DN142B 20S/840 PSU-E UGR19	2 300	19,2	120	4 000	60
Equivalent 2xPL-C 26W, version IP54, non-dimmable (PSU-E), white reflector (WR) or aluminium (UGR19)					
DN142B 20S/830 PSU-E WR IP54	2 350	19,2	122	3 000	80
DN142B 20S/830 PSU-E UGR19 IP54	2 300	19,2	120	3 000	60
DN142B 20S/840 PSU-E WR IP54	2 350	19,2	122	4 000	80
Mini Version					
Equivalent 2xPL-C 18W, version IP20, non-dimmable (PSU-E), white reflector (WR) or aluminium (UGR19)					
DN142B 10S/830 PSU-E WR	1200	9,80	122	3 000	80
DN142B 10S/830 PSU-E UGR19	1200	9,80	122	3 000	60
DN142B 10S/840 PSU-E WR	1200	9,80	122	4 000	80
DN142B 10S/840 PSU-E UGR19	1200	9,80	122	4 000	60
Equivalent 2xPL-C 18W, version IP54, non-dimmable (PSU-E), white reflector (WR) or aluminium (UGR19)					
DN142B 10S/830 PSU-E WR IP54	1200	9,80	122	3 000	80
DN142B 10S/830 PSU-E UGR19 IP54	1200	9,80	122	3 000	60
DN142B 10S/840 PSU-E WR IP54	1200	9,80	122	4 000	80
DN142B 10S/840 PSU-E UGR19 IP54	1200	9,80	122	4 000	60

To find out more: www.me.lighting.philips.com

GreenSpace G6 DN39X G2

Commercial

PHILIPS
interact
ready.



Narrow-Bezel Deep Recessed Anti-Glare Downlight

The fully-upgraded Philips GreenSpace G6 down-right series features a professional optical design and is free from stroboscopic effect, with a luminous efficacy of up to 120lm/W, and the aluminum reflector has a glare rating of UGR < 19. While remaining slim and sturdy in structure, this series has a narrower bezel. Compared to the previous generation, its height has been reduced but the height of the reflector has been increased to better achieve a deep recessed anti-glare effect. This series offers a wide range of lumen outputs from 600lm in 3600lm, with a power of 6W-30W and a variety of color temperatures to choose from.

Product features

Energy-efficient

With a luminous efficacy of up to 120lm/W

Better visual comfort

Free from visible stroboscopic effect, better for eye protection

Deep recessed anti-glare effect

Reduced overall height with better depth of reflector, with aluminum reflector UGR<19

Narrow-bezel design

Narrower bezel and inclined edges to ensure smoother transition to wall



Aluminum reflector



White reflector

Model	L(mm)	W(mm)	H(mm)	H1(mm)
RC099V G2 W60L60	595	595	35	59.2
RC099V G2 W60L120	1195	595	35	59.2
RC099V G2 W30L120	1195	295	35	59.2

Main Applications

- Hotels
- Shopping malls
- Retail stores
- Offices
- Restaurants
- Airports and other public places



Commercial

Technical Parameters

Product model - White reflector		DN39X G2							
Hole-cutting size	D100			D150			D200		
Model	LED6	LED11	LED13	LED11	LED17	LED20	LED17	LED22	LED36
Lumen output	670lm	1150lm	1350lm	1180lm	1760lm	2000lm	1760lm	2350lm	3550lm
Power	5.8W	9.8W	11.4W	9.8W	14.4W	16W	14.4W	19.2W	29.3W
Luminous efficacy	110lm/W	115lm/W	115lm/W	120lm/W	122lm/W	123lm/W	122lm/W	124lm/W	121lm/W
Beam angle	78° (±5°)	78° (±5°)	78° (±5°)	85° (±5°)	85° (±5°)	85° (±5°)	83° (±5°)	83° (±5°)	83° (±5°)
Color tolerance	SDCM<5								
Glare value (UGR)	NA								
Color rendering index (CRI)	>80								
Color rendering index (CRI)(ETO)	>90, R9>50								
Color temperature	3000K/4000K/6500K								
Power factor	0.9								
Stroboscopic effect	Without visible stroboscopic effect								
Input voltage	220-240V 50/60Hz								
Lifetime	50,000 hours(L80B50@Ta=25 °C)								
Installation method	Recessed								
Operating temperature	-20 °C ~ 40 °C								
IP grade	IP20 and IP54 (luminous surface)								
Safety class	II								
Driver	PSU/PSD								
Body material	Die-casting aluminum LUM body/plastic reflector surface ring								
Body color	Black + white								
Fly wire length	0.15m								

*Those of PSU CRI80 4000K model are taken as typical values

**Lumen output error: ±10%

Technical Parameters

Commercial

Product model - Aluminium		DN39X G2							
Hole-cutting size		D100			D150			D200	
Model	LED6	LED11	LED13	LED11	LED17	LED20	LED17	LED22	LED36
Lumen output	640lm	1100lm	1270lm	1120lm	1680lm	1860lm	1680lm	2230lm	3450lm
Power	5.8W	9.8W	11.4W	9.8W	14.4W	16W	14.4W	19.2W	29.3W
Luminous efficacy	110lm/W	112lm/W	111lm/W	114lm/W	117lm/W	116lm/W	117lm/W	116lm/W	118lm/W
Beam angle	60° (±5°)								
Color tolerance	SDCM<5								
Glare value (UGR)	19								
Color rendering index (CRI)	>80								
Color rendering index (CRI)(ETO)	>90, R9>50								
Color temperature	3000K/4000K/6500K								
Power factor	0.9								
Stroboscopic effect	Without visible stroboscopic effect								
Input voltage	220-240V 50/60Hz								
Lifetime	50,000 hours (L80B50@Ta=25°C)								
Installation method	Recessed								
Operating temperature	-20 °C ~ 40 °C								
IP grade	IP20 and IP54 (luminous surface)								
Safety class	II								
Driver	PSU/PSD								
Body material	Die-casting aluminum LUM body/plastic reflector surface ring								
Body color	Black + white								
Fly wire length	0.15m								

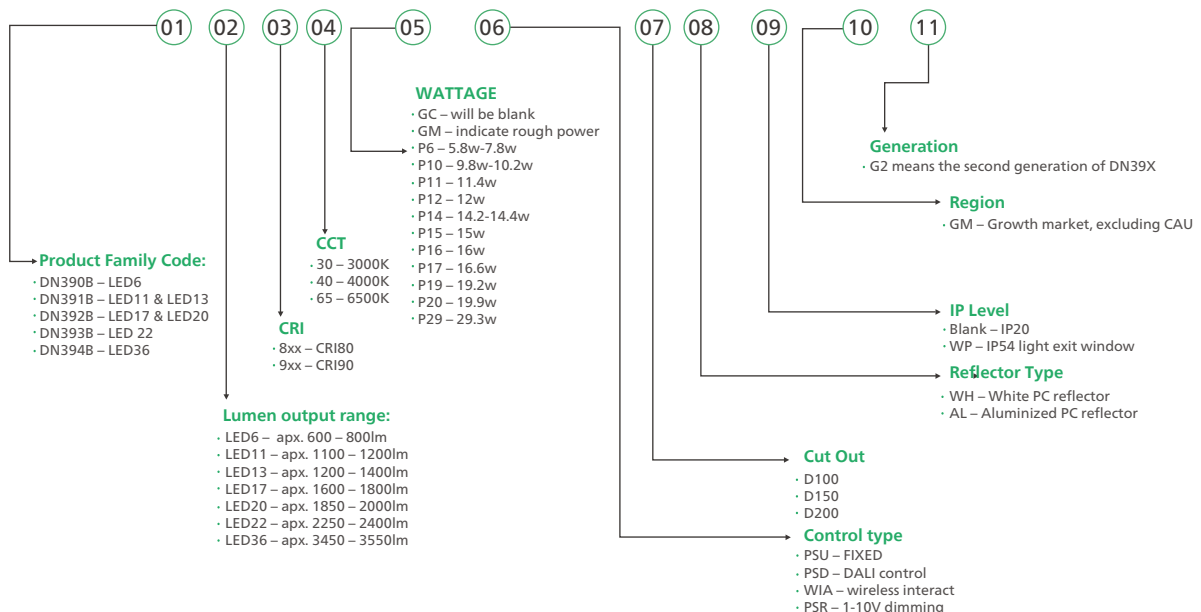
*Those of PSU CR180 4000K model are taken as typical values

**Lumen output error: ±10%

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

DN392B LED17/830 P15PSD D150 AL WP GMG2





Beleef 't allemaal
Haal meer uit je telefoon

deze moet je hebben

12
tot maanden
25% korting
op de abonnementen

voor de ondernemer

We helpen je graag

Reparatie sneiservice

GreenSpace Power DN284B/285B

Commercial

PHILIPS



LED Down Lights Efficient and Lightweight

Greenspace is an integrated lightweight LED Down Light. Easy installation and patented heat dissipation design ensure long-lasting and reliable system performance. Professional optical design and shading protection enable it to create a more comfortable lighting environment.

Product features

Energy-Efficient

The light efficiency of the system is 95lm/W, which is more energy-saving than the traditional CDM down lamp

Safe And Comfortable

Professional optical design and shading protection

Long-lasting And Reliable

Patented heat dissipation design ensures long-lasting and reliable system performance with 50,000 hours of life

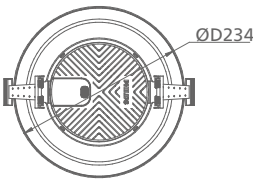
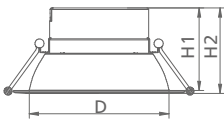
Simple And Convenient

Integrated lightweight design reduces installation cost

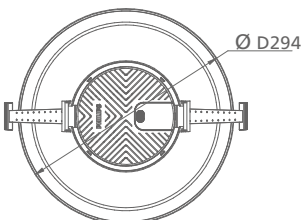
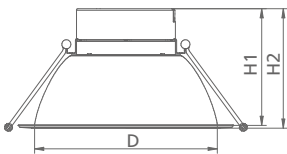
Flexible Installation

Various sizes of power are matched to meet the demand of energy-saving transformation

DN284B-8/DN285B-8



DN284B-10/DN285B-10



Model	H1(mm)	H2(mm)	D(mm)	Opening Size (mm)
DN284B-8	113	117	Ø190	Ø200-205
DN284B-10	159	163	Ø249	Ø250-255
DN285B-8	113	117	Ø190	Ø200-205
DN285B-10	159	163	Ø249	Ø250-255

Main Applications

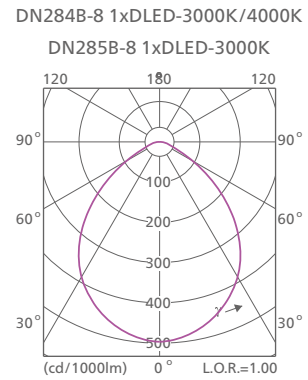
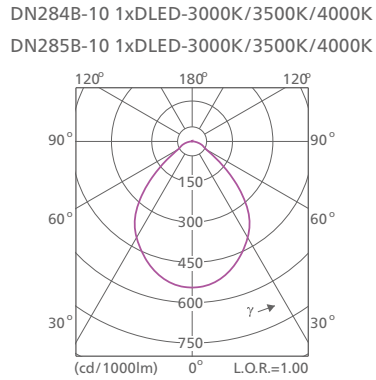
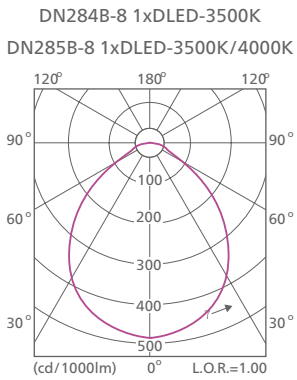
- Shopping Malls
- Public Space
- Office



Technical Parameters

Product Model	DN284B-8	DN284B-8	DN285B-8	DN285B-10
Opening Size	Ø203mm (8 Inches)	Ø254mm (10Inches)	Ø203mm (8Inches)	Ø254mm (10Inches)
Power Supply Voltage	220V-240V / 50-60Hz			
Driver	Fixed Output (PSU)			
Shell Color	White			
System Power (±10%)	34W	34W	41W	41W
System Luminous Flux (±10%)	3320lm	3320lm	4295lm	4265lm
Power Factor	>0.95			
Color Temperature	3000K / 3500K / 4000K			
Color Rendering Index	83			
Color Tolerance	SDCM≤4			
Glare Value	≤24			
Operating Temperature	-20°C < ta < 40°C			
Lifetime	50,000. Hours L70B50 @ 25 degree C			
Installation Method	Recessed, installation, fixed by spring buckle			
Protection Grade	IP20			
Material And Process	Optical Components: MCPET High Reflective Film, High Fog And High Permeability Diffusion Sheet Reflector: High Purity Aluminum, High Reflectivity Coating Driver Box: PC Plastic Fixing Clip: Piano Wire Spring, PC Plastic Clip			

Light Distribution Curve



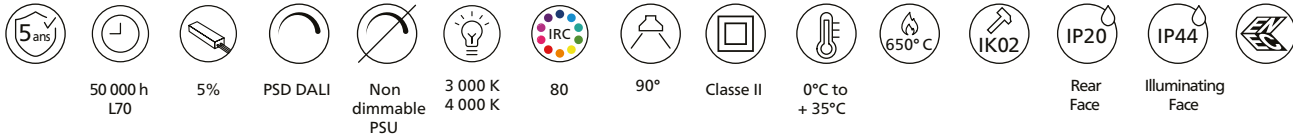
Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Driver	Color Rendering	Weight
DN284B-8 1xDLED-3000 PSU WH	35W	3500lm	3000K	Fixed Output	83	0.5kg
DN284B-8 1xDLED-3500 PSU WH	35W	3500lm	3500K	Fixed Output	83	0.5kg
DN284B-8 1xDLED-4000 PSU WH	35W	3500lm	4000K	Fixed Output	83	0.5kg
DN284B-10 1xDLED-3000 PSU WH	35W	3500lm	3000K	Fixed Output	83	0.7kg
DN284B-10 1xDLED-3500 PSU WH	35W	3500lm	3500K	Fixed Output	83	0.7kg
DN284B-10 1xDLED-4000 PSU WH	35W	3500lm	4000K	Fixed Output	83	0.7kg
DN285B-8 1xDLED-3000 PSU WH	45W	4500lm	3000K	Fixed Output	83	0.5kg
DN285B-8 1xDLED-3500 PSU WH	45W	4500lm	3500K	Fixed Output	83	0.5kg
DN285B-8 1xDLED-4000 PSU WH	45W	4500lm	4000K	Fixed Output	83	0.5kg
DN285B-10 1xDLED-3000 PSU WH	45W	4500lm	3000K	Fixed Output	83	0.7kg
DN285B-10 1xDLED-3500 PSU WH	45W	4500lm	3500K	Fixed Output	83	0.7kg
DN285B-10 1xDLED-4000 PSU WH	45W	4500lm	4000K	Fixed Output	83	0.7kg



CoreLine SlimDownlight gen3 DN145B



Commercial

PHILIPS
interact
ready.



The ultra-flat, economical LED downlight, ideal for replacing conventional PL-C solutions

- Uniform light source
- Energy savings thanks to high luminous efficiency (upto 100 lm/W)
- Ultra-flat design blends in with all types of ceilings
- Available in DALI dimmable version and Interact ready connected version for configuration, control and monitoring via an intuitive application



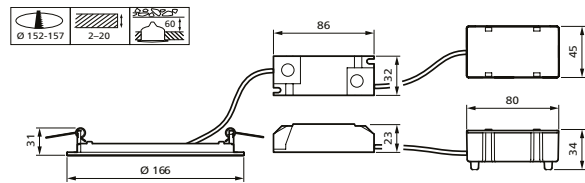
Ultra-flat design



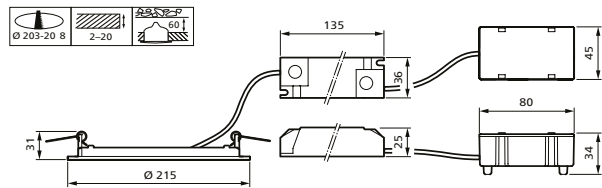
Mini version
DN145B LED10S



Compact version
DN145B LED20S



Mini version
DN145B LED10S



Compact version
DN145B LED20S

Dimensions in mm

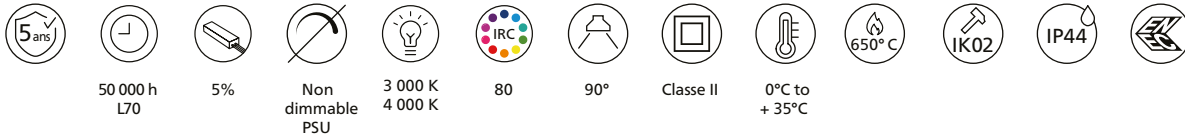
Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Interact ready version					
Interact ready (WIA-E), Mini, equivalent flux 2xPL-C 18W, white (WH)					
DN145B LED10S/830 WIA-E WH	1 100	13	93	3 000	90
DN145B LED10S/840 WIA-E WH	1 100	13	93	4 000	90
Interact ready (WIA-E), Compact, equivalent flux 2xPL-C 26W, white (WH)					
DN145B LED20S/830 WIA-E WH	2 100	22,5	93	3 000	90
DN145B LED20S/840 WIA-E WH	2 100	22,5	93	4 000	90
Version Mini On-Off & dimmable DALI					
Recessed extra-flat, equivalent flux 2xPL-C 18W, non-dimmable (PSU), white (WH)					
DN145B LED10S/830 PSU II WH	1 100	11	100	3 000	90
DN145B LED10S/840 PSU II WH	1 100	11	100	4 000	90
Recessed extra-flat, equivalent flux 2xPL-C 18W, dimmable DALI (PSD-E), white (WH)					
DN145B LED10S/830 PSD-E II WH	1 100	13	85	3 000	90
DN145B LED10S/840 PSD-E II WH	1 100	13	85	4 000	90
Version Compact On-Off & dimmable DALI					
Recessed extra-flat, equivalent flux 2xPL-C 26W, non-dimmable (PSU), white (WH)					
DN145B LED20S/830 PSU II WH	2 100	21	100	3 000	90
DN145B LED20S/840 PSU II WH	2 100	21	100	4 000	90
Recessed extra-flat, equivalent flux 2xPL-C 26W, dimmable DALI (PSD-E), white (WH)					
DN145B LED20S/830 PSD-E II WH	2 100	22,5	93	3 000	90
DN145B LED20S/840 PSD-E II WH	2 100	22,5	93	4 000	90
DN145B LED10S/840 PSD-E II WH	1 100	13	85	4 000	90

Commercial



CoreLine Surface Mount Decorative gen3 DN145C



Commercial

PHILIPS

The compact decorative surface mount

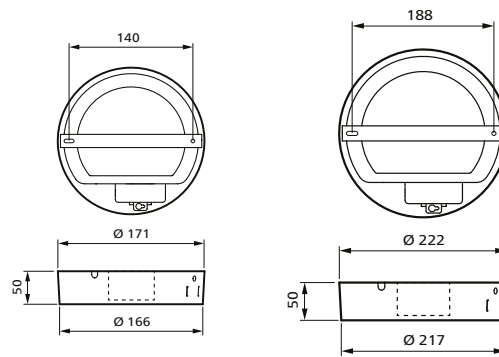
- Uniform light source
- Guaranteed energy savings thanks to high luminous efficiency (100 lm/W)
- Ideal for ceiling heights where false ceiling is not present



Compact Version



Mini Version



Mini Version

Compact Version

Dimension in mm



Side view

Comprehensive selection of product codes available, contact Signify Middle East.

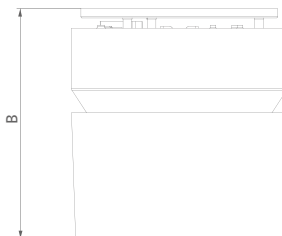
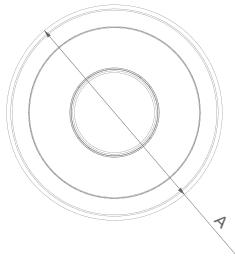
Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Mini, equivalent flux to 2xPL-C 18W, non-dimmable (PSU), White RAL9016 (WH)					
DN145C LED10S/830 PSU II WH	1 100	11	100	3 000	90
DN145C LED10S/840 PSU II WH	1 100	11	100	4 000	90
Compact, equivalent flux to 2xPL-C 26W, non-dimmable (PSU), White RAL9016 (WH)					
DN145C LED20S/830 PSU II WH	2 100	21	100	3 000	90
DN145C LED20S/840 PSU II WH	2 100	21	100	4 000	90



GreenSpace Surface Mounted SM291C/293C/294C/295C

Commercial

PHILIPS



LED Surface-Mount Downlight Energy Efficient and Durable

GreenSpace Open Installation LED is a value-added LED down light. The appearance design is simple and fashionable, the system efficiency is high and it is produced by Philips whole industry chain, Suitable for airports, train stations and other medium and high space commercial and public applications.

Product features

Energy-Efficient

The light efficiency of the system is as high as 100lm/W, and the energy saving is as high as 67% compared with the traditional downlight.

Professional Light Distribution

Two light distribution angles are designed to meet the application requirements of different floor heights (1000/2000lm 90° ; 4000/7000lm 60°)

Elegant And Beautiful

Simple and fashionable appearance design, elegant, Improved spatial texture.

Comfortable And Bright

Professional optical design and shading protection, reduces glare, up to UGR22, more comfortable visual effect.

Durable And Reliable

Philips self-developed driver and professional heat dissipation design ensures the long-lasting and reliable performance of the system, with a life span of 50,000 hours.

Model	L(mm)	W(mm)	H(mm)	H1(mm)
RC099V G2 W60L60	595	595	35	59.2
RC099V G2 W60L120	1195	595	35	59.2
RC099V G2 W30L120	1195	295	35	59.2

Main Applications

- Airport
- Canopy
- Railway Station
- Gas Station
- Public Space



Commercial

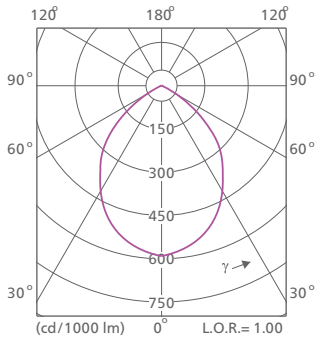
Technical Parameters

Model	SM291C	SM293C	SM294C	SM295C	SM294C WP	SM295C WP
Replace Traditional Down Lamp	CFL 1x26W	CFL 2x26W; CDM 35W	CDM 70W	CDM 150W	CDM 70W	CDM 150W
Lumen Output (±10%)	1000lm	2000lm	4000lm	6700lm	4000lm	6700lm
System Power (±10%)	10W	19W	38W	69W	35W	69W
System Light Efficiency	100lm/W	105lm/W	105lm/W	99lm/W	115lm/W	99lm/W
Size	Ø160 x 135mm(H)	Ø160 x 135mm(H)	Ø160 x 170mm(H)	Ø200 x 242mm(H)	Ø200 x 242mm(H)	Ø200 x 242mm(H)
Beam Angle	90°	90°	60°	60°	60°	60°
Glare Value	22	25	22	22	22	22
Color Temperature	3000K / 4000K / 6500K					
Color Rendering Index	≥80					
Color Tolerance	SDCM≤5					
Driver	Fixed Output (PSU)					
Voltage	220V-240V / 50-60Hz					
Power Factor	≥0.9					
Operating Temperature	-20°C ~ 40°C					
Lifetime	50,000 Hours @L70B50, Ta25°C					
Color	White (WH) / Black (BK)					
Installation Method	Surface Mount Installation					
Protection Grade	IP20			IP65		

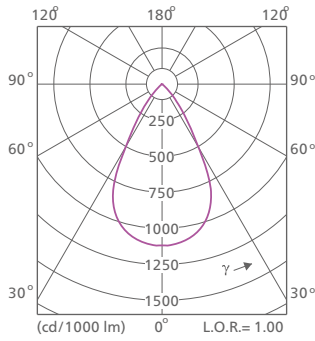
Light Distribution Curve

Commercial

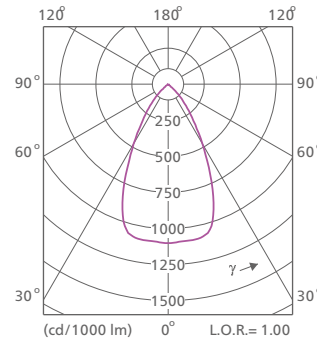
SM291C LED10 830/840/865 PSU
SM293C LED20 830/840/865 PSU



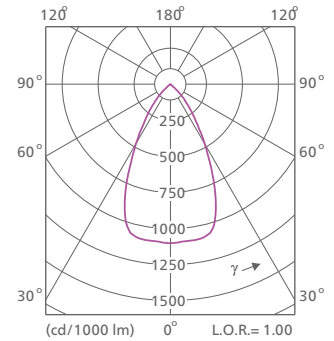
SM294C LED40 830/840/865 PSU



SM295C LED68 PSU



SM294C LED40 PSU WP
SM295C LED68 PSU WP



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	IP Grade	Color Rendering	Weight
SM291C LED10/830 PSU WH	10W	1000lm	3000K	IP20	≥80	0.6Kg
SM291C LED10/840 PSU WH	10W	1000lm	4000K	IP20	≥80	0.6Kg
SM291C LED10/865 PSU WH	10W	1000lm	6500K	IP20	≥80	0.6Kg
SM291C LED10/830 PSU BK	10W	1000lm	3000K	IP20	≥80	0.6Kg
SM291C LED10/840 PSU BK	10W	1000lm	4000K	IP20	≥80	0.6Kg
SM291C LED10/865 PSU BK	10W	1000lm	6500K	IP20	≥80	0.6Kg
SM293C LED20/830 PSU WH	19W	2000lm	3000K	IP20	≥80	0.6Kg
SM293C LED20/840 PSU WH	19W	2000lm	4000K	IP20	≥80	0.6Kg
SM293C LED20/865 PSU WH	19W	2000lm	6500K	IP20	≥80	0.6Kg
SM293C LED20/830 PSU BK	19W	2000lm	3000K	IP20	≥80	0.6Kg
SM293C LED20/840 PSU BK	19W	2000lm	4000K	IP20	≥80	0.6Kg
SM293C LED20/865 PSU BK	19W	2000lm	6500K	IP20	≥80	0.6Kg
SM294C LED40/830 PSU WH	38W	4000lm	3000K	IP20	≥80	0.8Kg
SM294C LED40/840 PSU WH	38W	4000lm	4000K	IP20	≥80	0.8Kg
SM294C LED40/865 PSU WH	38W	4000lm	6500K	IP20	≥80	0.8Kg
SM294C LED40/830 PSU BK	38W	4000lm	3000K	IP20	≥80	0.8Kg
SM294C LED40/840 PSU BK	138W	4000lm	4000K	IP20	≥ 80	0.8Kg
SM294C LED40/865 PSU BK	38W	4000lm	6500K	IP20	≥ 80	0.8Kg
SM295C LED68/830 PSU WH	69W	6800lm	3000K	IP20	≥ 80	0.8Kg
SM295C LED68/840 PSU WH	69W	6800lm	4000K	IP20	≥ 80	0.8Kg
SM295C LED68/865 PSU WH	69W	6800lm	6500K	IP20	≥ 80	0.8Kg
SM295C LED68/830 PSU BK	69W	6800lm	3000K	IP20	≥ 80	0.8Kg
SM295C LED68/840 PSU BK	69W	6800lm	4000K	IP20	≥ 80	0.8Kg
SM295C LED68/865 PSU BK	69W	6800lm	6500K	IP20	≥ 80	0.8Kg
SM294C LED40/830 PSU WP WH	39W	4000lm	3000K	IP65	≥ 80	2.2Kg
SM294C LED40/840 PSU WP WH	39W	4000lm	4000K	IP65	≥ 80	2.2Kg
SM294C LED40/865 PSU WP WH	39W	4000lm	6500K	IP65	≥ 80	2.2Kg
SM294C LED40/830 PSU WP BK	39W	4000lm	3000K	IP65	≥ 80	2.2Kg
SM294C LED40/840 PSU WP BK	39W	4000lm	4000K	IP65	≥ 80	2.2Kg
SM294C LED40/865 PSU WP BK	39W	4000lm	6500K	IP65	≥ 80	2.2Kg

Product Information

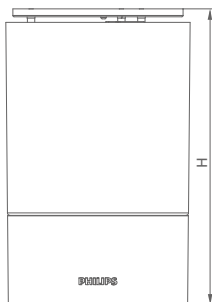
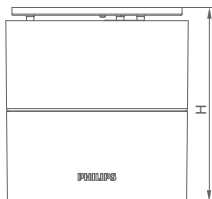
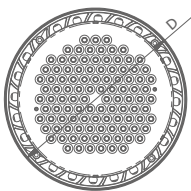
Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	IP Grade	Color Rendering	Weight
SM295C LED68/830 PSU WP WH	69W	6800lm	3000K	IP65	≥ 80	2.2Kg
SM295C LED68/840 PSU WP WH	69W	6800lm	4000K	IP65	≥ 80	2.2Kg
SM295C LED68/865 PSU WP WH	69W	6800lm	6500K	IP65	≥ 80	2.2Kg
SM295C LED68/830 PSU WP BK	69W	6800lm	3000K	IP65	≥ 80	2.2Kg
SM295C LED68/840 PSU WP BK	69W	6800lm	4000K	IP65	≥ 80	2.2Kg
SM295C LED68/865 PSU WP BK	69W	6800lm	6500K	IP65	≥ 80	2.2Kg

GreenSpace Surface-Mounted High Power DN397C

Commercial

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High-Power LED Downlight Surface Mounted

GreenSpace high-power down light DN397C is specially designed for lighting of transportation hubs such as airports and stations, convention and exhibition centers and other large space buildings. With an output of up to 12000lm, excellent efficiency, professional light distribution and compact and elegant shell, it can meet the green lighting requirements of most large public buildings. The product design also takes into account waterproof and dustproof, glare control, flexible and simple installation and expansion of various dimming schemes.

Product features

Excellent Optical Design

The efficiency of the system is as high as 120lm/W, with two different light distributions and higher selection flexibility

Slim and Elegant Design

Slender lamp body, elegant vision, diameter 220mm

Excellent Optical Performance

High consistency-CRI >80, SDCM 3
Wide and medium light distribution, good uniformity
Honeycomb louver (ETO) can further improve anti-glare performance (UGR)

Reliable Performance

All aluminum shell
50,000 hours life L70 @ Ta35°C
IP65 Protection grade

Simple Installation

Surface installation and suspension installation.

Model	D(mm)	H(mm)
DN397C PSU	220	236
DN397C PSD	220	361

Main Applications

- Airport
- Station Hall
- Convention And Exhibition Center
- Semi-outdoor Place

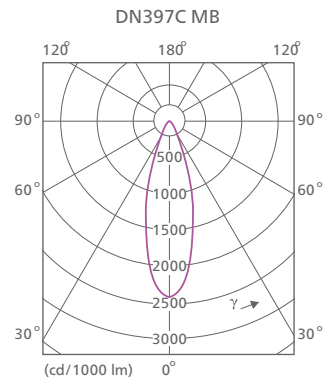
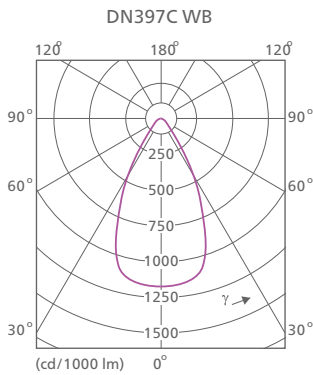


Commercial

Technical Parameters

Product Model	DN397C
Initial Lumen Output typ.±10%@840	12000lm
Efficiency typ.±10%@840	118 lm/W
Consistency	SDCM 3
Life (Ta 35°C) @B50L70	50,000 Hours
Operating Ambient Temperature	-20°C~40°C
Protection Grade	IP65; IK06
CRI	Ra ≥ 80; R9 ≥ 0
UGR	<25
Light Output Angle	MB – 30°~35°; WB 50°~55°
Voltage	220~240V AC, 50/60Hz
Power Factor	0.9
THD	<15%
Driver	On/off, DALI
Size	PSU – Ø220mm x 236mm; PSD – Ø220mm x 361mm
Weight	PSU – 4.7kg; PSD – 6.2kg
Material	Aluminum
Maintenance	Drive Replaceable

Light Distribution Curve



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Lumen Output	Color Temperature	Angle	Driver	Color	Installation Method
DN397C LED12/830 PSU WH WB	12000lm	3000K	50°~55°	On/off	White	Surface Installation
DN397C LED12/840 PSU WH WB	12000lm	4000K	50°~55°	On/off	White	Surface Installation
DN397C LED12/865 PSU WH WB	12000lm	6500K	50°~55°	On/off	White	Surface Installation
DN397C LED12/830 PSU BK WB	12000lm	3000K	50°~55°	On/off	Black	Surface Installation
DN397C LED12/840 PSU BK WB	12000lm	4000K	50°~55°	On/off	Black	Surface Installation
DN397C LED12/865 PSU BK WB	12000lm	6500K	50°~55°	On/off	Black	Surface Installation
DN397C LED12/830 PSU WH MB	12000lm	3000K	30°~35°	On/off	White	Surface Installation
DN397C LED12/840 PSU WH MB	12000lm	4000K	30°~35°	On/off	White	Surface Installation
DN397C LED12/865 PSU WH MB	12000lm	6500K	30°~35°	On/off	White	Surface Installation
DN397C LED12/830 PSU BK MB	12000lm	3000K	30°~35°	On/off	Black	Surface Installation
DN397C LED12/840 PSU BK MB	12000lm	4000K	30°~35°	On/off	Black	Surface Installation
DN397C LED12/865 PSU BK MB	12000lm	6500K	30°~35°	On/off	Black	Surface Installation
DN397C LED12/840 PSD WH WB	12000lm	4000K	50°~55°	DALI	White	Surface Installation
DN397C LED12/840 PSD BK WB	12000lm	4000K	50°~55°	DALI	Black	Surface Installation
DN397C LED12/840 PSD WH MB	12000lm	4000K	30°~35°	DALI	White	Surface Installation
DN397C LED12/840 PSD BK MB	12000lm	4000K	30°~35°	DALI	Black	Surface Installation
DN397C LED12/830 PSU WH WB S	12000lm	3000K	50°~55°	On/off	White	Suspension Installation
DN397C LED12/840 PSU WH WB S	12000lm	4000K	50°~55°	On/off	White	Suspension Installation
DN397C LED12/865 PSU WH WB S	12000lm	6500K	50°~55°	On/off	White	Suspension Installation
DN397C LED12/830 PSU WH MB S	12000lm	3000K	30°~35°	On/off	White	Suspension Installation
DN397C LED12/840 PSU WH MB S	12000lm	4000K	30°~35°	On/off	White	Suspension Installation
DN397C LED12/865 PSU WH MB S	12000lm	6500K	30°~35°	On/off	White	Suspension Installation

PHILIPS
interact
ready.



SP303P round suspension mount



SP303P square suspension mount



SM304C round suspension mount



SM303C round suspension mount



SM303C square suspension mount



SM303C round suspension mount 20W



SM303C round suspension mount 24W/28W

High-Quality Downlight with Aesthetic Design

GreenUp surface-mount and suspension-mount downlight series features with simple and elegant structure, complete specifications, and compact and flexible design. This series is designed with excellent optical parameters, glare control ($UGR < 19$), and color tolerance ($SDCM \leq 3$), and is free from stroboscopic effect, with a color rendering index of up to $CRI \geq 90$, $R9 > 50$. Four beam angles are available for uniform light emission. Surface mount and suspension mount methods are supported. In addition, round and square designs are offered to adapt to different scenarios.

Product features

Versatile offering

Available power (5W-28W); available color temperature (2700K-5000K)

High color rendering performance

Excellent color rendering performance ($CRI \geq 90$, $R9 > 50$)

Multiple beam angles

Available beam angles (NB, MB, WB, VWB)

Flexible installation options

Two installation methods: surface mount, suspension mount





Two designs: round and square

Main Applications

- Office
- Retail industry
- Hospitality
- Conference room









Model Selection Guide CRI ≥ 90 R9 > 50

<p>SP303P round/square suspension mount</p> 	<p>Power</p> <ul style="list-style-type: none"> 6W 9W 	<p>Color temperature</p> <ul style="list-style-type: none"> 2700K 3000K 3500K 4000K 5000K 	<p>Beam angle</p> <ul style="list-style-type: none"> 20° 26° 40° 50°
<p>SM303C round/square surface mount</p> 	<p>Power</p> <ul style="list-style-type: none"> 6W 9W 	<p>Color temperature</p> <ul style="list-style-type: none"> 2700K 3000K 3500K 4000K 5000K 	<p>Beam angle</p> <ul style="list-style-type: none"> 20° 26° 40° 50°
<p>SM304C round surface mount</p> 	<p>Power</p> <ul style="list-style-type: none"> 10W 12W 15W 	<p>Color temperature</p> <ul style="list-style-type: none"> 2700K 3000K 3500K 4000K 5000K 	<p>Beam angle</p> <ul style="list-style-type: none"> 20° 40°
<p>SM303C round surface mount</p> 	<p>Power</p> <ul style="list-style-type: none"> 20W 24W 28W 	<p>Color temperature</p> <ul style="list-style-type: none"> 2700K 3000K 3500K 4000K 5000K 	<p>Beam angle</p> <ul style="list-style-type: none"> 20° 26° 40° 50°

Product model

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	SM303C				SP303P				SM303C		
											
Luminous flux (lm)±10%	20°: 460	20°: 680	20°: 460	20°: 680	20°: 460	20°: 680	20°: 460	20°: 680	20°: 1760	20°: 2260	20°: 2490
	26°: 520	26°: 750	26°: 520	26°: 750	26°: 520	26°: 750	26°: 520	26°: 750	26°: 1760	26°: 2230	26°: 2460
	40°: 550	40°: 780	40°: 550	40°: 780	40°: 550	40°: 780	40°: 550	40°: 780	40°: 1800	40°: 2260	40°: 2490
	50°: 520	50°: 760	50°: 520	50°: 760	50°: 520	50°: 760	50°: 520	50°: 760	50°: 1780	50°: 2260	50°: 2460
Power (W)±10%	6	9	6	9	6	9	6	9	20	24	28
Luminous efficacy (lm/W)±10%	20°: 77	20°: 75	20°: 77	20°: 75	20°: 77	20°: 75	20°: 77	20°: 75	20°: 88	20°: 94	20°: 89
	26°: 86	26°: 83	26°: 86	26°: 83	26°: 86	26°: 83	26°: 86	26°: 83	26°: 88	26°: 93	26°: 88
	40°: 91	40°: 87	40°: 91	40°: 87	40°: 91	40°: 87	40°: 91	40°: 87	40°: 90	40°: 94	40°: 89
	50°: 87	50°: 84	50°: 87	50°: 84	50°: 87	50°: 84	50°: 87	50°: 84	50°: 89	50°: 94	50°: 88
Life	50,000 hours@L70B50										
Color temperature	2700K/3000K/4000K/5000K (ETO : 3500K)										
Color rendering index (CRI)	≥ 90										
R9	>50 (CRI≥ 90)										
Color tolerance	SDCM≤ 3 (CRI≥ 90)										
Beam angle	20° ; 26° ; 40° ; 50°										
Glare index (UGR)	<19										
Cutoff angle	25°										
Input voltage	220-240V , 50-60Hz										
Safety class	Class II										
Power factor	0.9								0.9		
Control mode	PSU										
Stroboscopic effect	No stroboscopic effect										
Driver	Built-in driver										
Fly line length	200mm										
IP grade	IP20										
IK grade	IK05										
Installation method	Surface		Suspension				Surface				
Lamp dimension (mm)	Ø65xH126	L65xW65xH126	Ø65xH256 (length of suspension chain 1.5m)		L65xW65xH256 (length of suspension chain 1.5m)		Ø135xH193	Ø160xH220			
Operating temperature	-20 ~40°C										
Body material	AL ADC12										
Body color	White (standard)/black (ETO)										

Commercial

Technical parameters

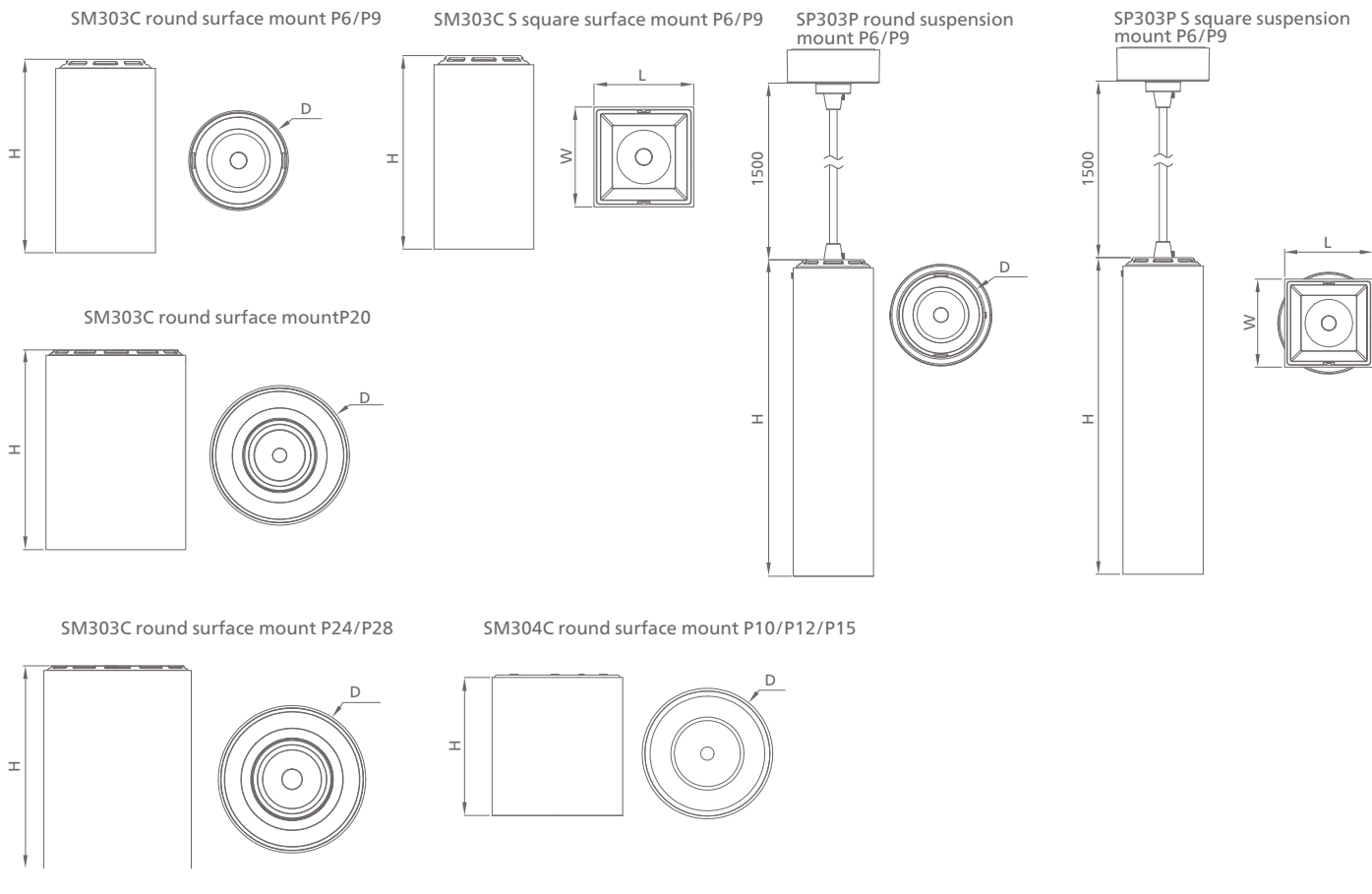
Product model

SM304C



Luminous flux (lm)±10%	20°: 770 ; 40°: 810	20°: 910 ; 40°: 940	20°: 1130; 40°: 1170
Power (W)±10%	10	12	15
Luminous efficacy (lm/W)±10%	20°: 76 ; 40°: 78	20°: 75 ; 40°: 77	20°: 75 ; 40°: 78
Life	50,000 hours @L70B50		
Color temperature	2700K/3000K/4000K/5000K		
Color rendering index (CRI)	≥ 90		
R9	>50 (CRI ≥ 90)		
Color tolerance	SDCM ≤ 3 (CRI ≥ 90)		
Beam angle	20° ; 40°		
Glare index (UGR)	<19		
Cutoff angle	25°		
Input voltage	220-240V		
Frequency	50-60Hz		
Safety class	II (ETO: 0.9)		
Power factor	0.5		
Control mode	PSU		
Stroboscopic effect	flicker free, MD<3.2% PST ≤ 0.5, SVM ≤ 1		
Fly line length	200mm		
Driver	Built-in driver		
Installation method	Surface installation		
IP grade	IP20		
IK grade	05		
Lamp dimension (mm)	Ø95xH100		
Operating temperature	-20 ~40°C		
Body material	AL ADC12		
Body color	White (standard)/black (ETO)		

Dimensional drawing (mm)

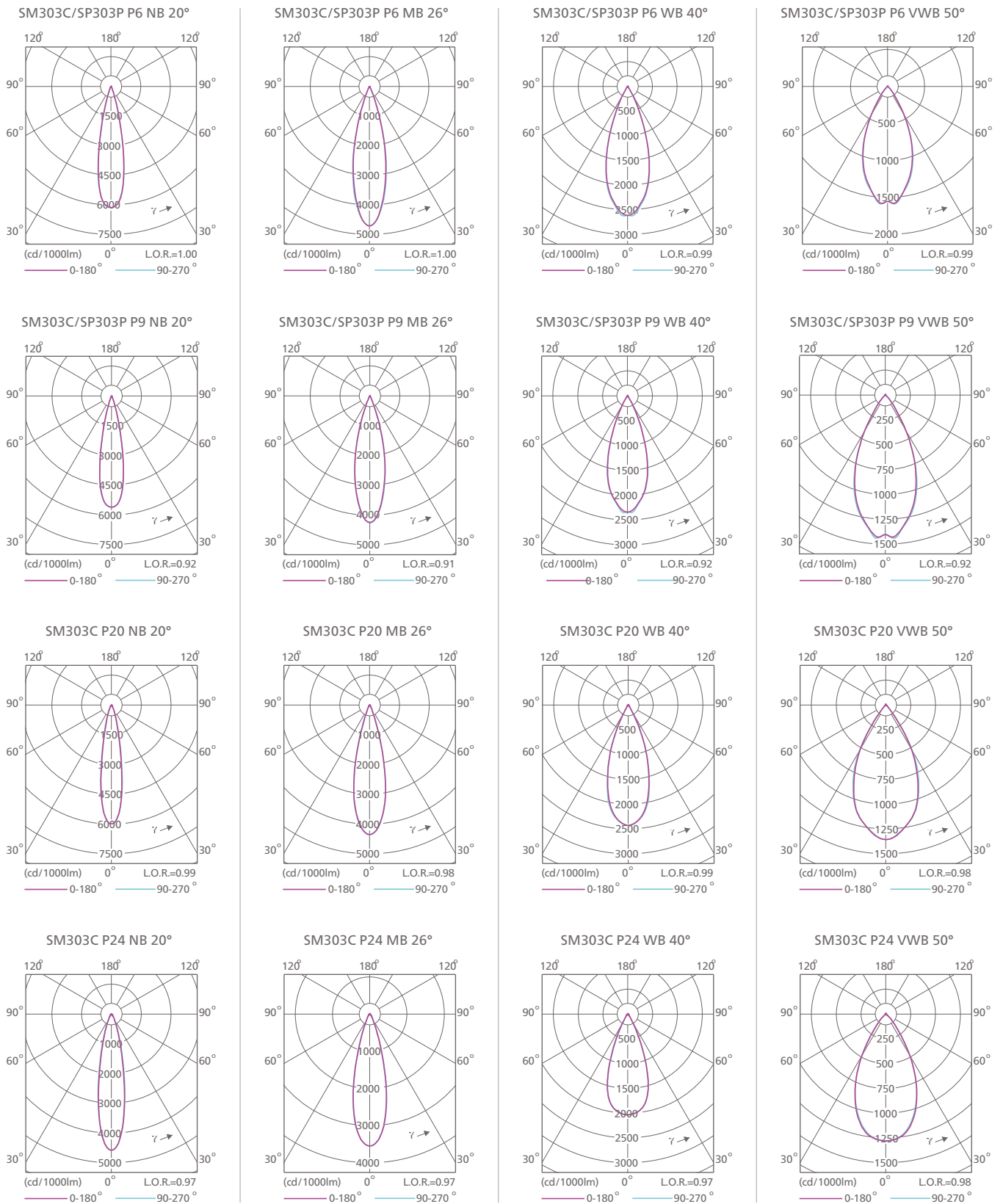


Commercial

Model	D(mm)	H(mm)
SM303C round surface mount P6	Ø65	126
SM303C round surface mount P9	Ø65	126
SM303C round surface mount P20	Ø135	193
SM303C round surface mount P24	Ø160	220
SM303C round surface mount P28	Ø160	220
SM304C round surface mount P10	Ø95	100
SM304C round surface mount P12	Ø95	100
SM304C round surface mount P15	Ø95	100
SP303P round suspension mount P6	Ø65	256
SP303P round suspension mount P9	Ø65	256

Model	L(mm)	W(mm)	H(mm)
SM303C S square surface mount P6	65	65	126
SM303C S square surface mount P9	65	65	126
SP303P S square suspension mount P6	65	65	256
SP303P S square suspension mount P9	65	65	256

Light distribution curve



Light distribution curve



Commercial

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Installation type	Appearance	Color rendering	Beam angle
SM303C P6S 950 PSU WB	6W	5000K	Surface	Square	≥ 90	WB
SM303C P6S 950 PSU VWB	6W	5000K	Surface	Square	≥ 90	VWB
SM303C P6S 950 PSU NB	6W	5000K	Surface	Square	≥ 90	NB
SM303C P6S 950 PSU MB	6W	5000K	Surface	Square	≥ 90	MB
SM303C P6S 940 PSU WB	6W	4000K	Surface	Square	≥ 90	WB
SM303C P6S 940 PSU VWB	6W	4000K	Surface	Square	≥ 90	VWB
SM303C P6S 940 PSU NB	6W	4000K	Surface	Square	≥ 90	NB

Bulkhead

Compare the features of our selection of bulkhead lights, to choose the version best suited to your needs.



Portfolio Summary

CoreLine Bulkhead gen2
with integrated motion
WL140V



- Integrated presence/luminosity sensor for optimized energy consumption (stand-alone or group operation possible).
- For indoor and outdoor applications

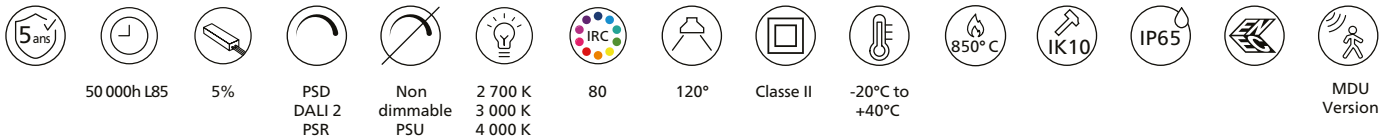
CoreLine Bulkhead gen2
WL140V



- Wide choice of finish colors
- High efficiency
- For indoor and outdoor applications

IP	IK	System Flux	Efficiency	Service life	Possible finishes	Connectivity	Standard Warranty	CEE Eligibility
IP65	IK10	1200 to 3100 lm	up to 103 lm/W	50 000h L85	Multiple decorative choices: via clip-on attachments in Black (RAL9004), Grey (RAL9006) and white (RAL9003) finishes, with or without cap to direct the light flow	No	5 years	Eligible for the sheet CEE BAR-EQ-110
IP65	IK10	1200 to 3550 lm	up to 110 lm/W	50 000h L85	Multiple decorative choices: via clip-on attachments in Black (RAL9004), Grey (RAL9006) and white (RAL9003) finishes, with or without cap to direct the light flow	Interact ready versions	5 years	No

CoreLine Bulkhead gen2 WL140V



Commercial

PHILIPS

interact ready.



The multi-application LED window, robust and easy to install

- Robust (IK10), waterproof (IP65) and UV-resistant for all indoor and outdoor applications
 - Wide choice of decorative options thanks to clip-on attachments Black (RAL9004), Gray (RAL9006) and White (RAL9003) finishes, and caps to direct light onto the ground, available in 3 finish colors: White (RAL 9003), Black (RAL9004), Gray (RAL9006)
 - Guaranteed energy savings (excellent luminous efficiency: up to 110 lm/W) and optimized maintenance costs (extended service life : 50,000h L85)
 - Available with integrated motion detector for optimized power consumption, operating independently or in groups (group control possible on PSR+MDU versions)
 - Multilumen/multicolor version available for greater project flexibility: selection of luminous flux and color temperature best suited to the application, directly on the luminaire via switch
- Available in Interact ready connected version
- (without sensor)



Clip-on decorative collar Gray RAL9006



Clip-on decorative collar Black RAL9004



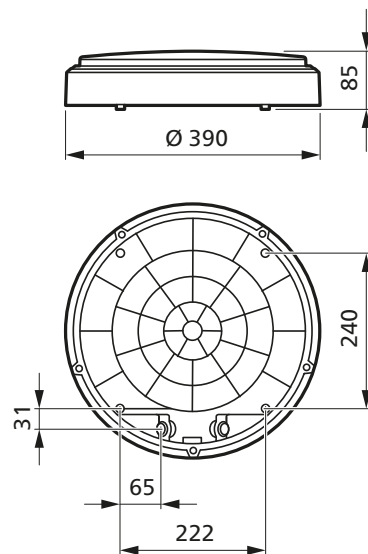
Clip-on decorative collar with cover Gray RAL9006



Clip-on decorative collar with cap Black RAL9004



Clip-on decorative collar with cap White RAL9003



Dimensions in mm

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Non-dimmable (PSU), White frame RAL9003 (WH)					
WL140V LED12S/830 PSU WH	1275	12	105	3000	120
WL140V LED12S/840 PSU WH	1350	12	110	4000	120
WL140V LED20S/830 PSU WH	2100	20	105	3000	120
WL140V LED20S/840 PSU WH	2200	20	110	4000	120
WL140V LED34S/830 PSU WH	3400	32	105	3000	120
WL140V LED34S/840 PSU WH	3550	32	110	4000	120
Gradable DALI 2 (PSED), White frame RAL9003 (WH)					
WL140V LED12S/830 PSED WH	1200	13,5	89	3000	120
WL140V LED12S/840 PSED WH	1250	13,5	93	4000	120
WL140V LED20S/830 PSED WH	2100	22	95	3000	120
WL140V LED20S/840 PSED WH	2200	22	100	4000	120
WL140V LED34S/830 PSED WH	3350	35,5	94	3000	120
WL140V LED34S/840 PSED WH	3400	35,5	96	4000	120
Non-dimmable (PSU), with motion detector (MDU), functioning independently, White frame RAL9003 (WH)					
WL140V LED20S/830 PSU MDU WH	1850	19	95	3000	120
WL140V LED20S/840 PSU MDU WH	1950	19	100	4000	120
Dimmable by cutting phase (PSR), with motion detector (MDU), stand-alone or grouped operation, White frame RAL9003 (WH)					
WL140V LED12S/830 PSR MDU WH	1200	13	92	3000	120
WL140V LED12S/840 PSR MDU WH	1250	13	95	4000	120
WL140V LED20S/830 PSR MDU WH	2100	23	90	3000	120
WL140V LED20S/840 PSR MDU WH	2200	23	95	4000	120
WL140V LED34S/830 PSR MDU WH	2950	30	98	3000	120
WL140V LED34S/840 PSR MDU WH	3100	30	103	4000	120
Multi Lumen, Multi colors, non-dimmable (PSU), White frame RAL9003 (WH)					
WL140V LED12_20S/827_830_840 PSU WH	1200 - 2000	12 - 20	100	2700-3000-4000	120
WL140V LED20_34S/827_830_840 PSU WH	2000 - 3300	20 - 33	100	2700-3000-4000	120
Version Interact ready, 2000lm (20S) or 3400lm (34S), White frame RAL9003 (W)					
WL140V LED20S/830 WIA WH	2100	22	95	3 000	120
WL140V LED20S/840 WIA WH	2200	22	100	4 000	120
WL140V LED34S/830 WIA WH	3350	35,5	94	3 000	120
WL140V LED34S/840 WIA WH	3400	35,5	96	4 000	120
Accessories					
Decorative clip-on frame				Finish	
WL140Z Deco Ring GR				Grey RAL9006	
WL140Z Deco Ring BK				Black RAL9004	
Decorative clip-on frame with cap					
WL140Z Half-moon GR				Grey RAL9006	
WL140Z Half-moon BK				Black RAL9004	
WL140Z Half-moon WH				White RAL9003	

Retail & Hospitality





Luminous Textile

Retail & Hospitality



Bring your spaces to life

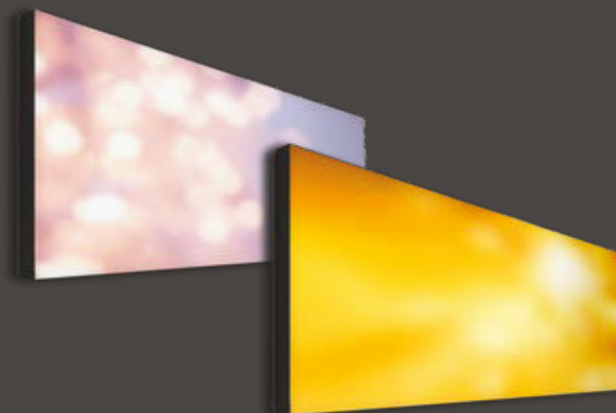
Every space requires an unique and significant solution. Luminous Textile helps you bring your bold ideas to life and create the essence of a space in a unique way.

Welcoming spaces

Create an attractive atmosphere that enhances hotels, bars and restaurants. Help hotel guests wake up naturally by showing them a beautiful sunrise in the breakfast room. Turn a restaurant meal into an outdoor dining experience with a magnificent outdoor scene. Or step up the tempo in bars and clubs with a festive, colorful ambience. With Luminous Textile, you can even transform conference rooms into inspirational settings.

Play with light, texture and dynamic content

You can select videos from our dynamic content library to add decorative elements, reproduce natural atmospheres, or customize content to create your own identity.



Design freedom

A unique solution with all electronics embedded in the panels, Luminous Textile is very easy to install. Luminous Textile panels are available in a wide range of sizes, and can be implemented in a variety of ways, allowing you to orchestrate your own composition.

Create a large, atmospheric wall of light as a backdrop, punctuate the ascent of a staircase with staggered panels, or scatter panels across a wall and distribute dynamic content - it's all possible.

Technical Specifications

Environment for use	Interior only (IP20)
Operating temperature	5-35 °C
Case	Extruded aluminum, painted finish
Finish	Selection of Kvadrat textiles choice from among 7 textures, and up to 8 colors per texture
Fixing	Wall (portrait/landscape, surface or recessed) Ceiling (surface, recessed or suspended)
Applications	Direct view: walls, ceilings, interactive applications
Light source	LED RGB
Luminance	Up to 190 cd/m ² depending on fabric
Power consumption	55 W per m ² maximum
Dimensions	Minimum : 720 x 720 x 127 mm Maximum : 1200 x 6480 x 127 mm (Width x height x depth, including mounting hardware)
Weight	8.7 to 19.3 kg/m ² depending on panel size
Standards	CE mark
Warranty	5 years



Watch the Luminous
Textile video



Here are some examples
of the content available
for your Luminous Textiles





OneSpace gen2

Retail & Hospitality

Transform your ceiling into a luminous surface offering uniform, comfortable lighting

Customize your OneSpace gen2 with Tunable White

OneSpace gen2 luminaires offer customizable white light. Warm white and cool white LED channels can be tuned from warm and color tone temperatures ranging from 2700K to 6500K, offering the highest possible luminous intensity at all temperatures.

Excellent light output

With their long life, high CRI and energy efficiency, these glare-free luminaires provide abundant, even illumination across the entire work surface.

A revolutionary light surface

Hundreds of LEDs on the back of a magnificent white fabric provide abundant, perfectly distributed light.

For many applications, high-quality Solid White LED light is the right solution. Choose between a warm or cooler white light.

Two options: fixed white 3000 K or 4000 K.

OneSpace gen2 Tunable White

Easy to transport and install

The new modular design enables rapid transport and delivery in easy-to-ship box sizes. OneSpace gen2 provides all the components needed for on-site installation.

Each luminaire comes with a single piece of fabric, making it easy to install, wash and replace.

Beauty defined

The bold shape of OneSpace gen2 features an ultra-thin black frame, which perfectly highlights the light panel. The white light uniformly fills the frame, right up to the edge, offering a modern, well-defined aesthetic.

In its simplest form, OneSpace gen2 reinforces the sense of purity at the heart of its design.



With OneSpace gen2 Tunable White luminaires, you can adapt the lighting according to your needs. Improves concentration with a daylight-like light of 6500 K.



In this large catering space, the OneSpace gen2 panels installed above the tables and in the seating area are perfectly integrated with the building's control system. This allows for easy adjustment throughout the day. Bright and energizing during lunch, warmer and more welcoming in the evening.



Light and Space

By creating a way finding experience, this large OneSpace gen2 panel guides customers through the store and focuses on a large area.

Retail & Hospitality

Technical Specifications

	Tunable White	Solid White	
Color temperature	2 700 K to 6 500 K	3 000 K	4 000 K
Lumens	2 530 to 2 964 lm/m ²	2 799 lm/m ²	2 964 lm/m ²
Consumption	39,5 to 41,1 W/m ²	41 W/m ²	41 W/m ²
Light efficiency	62 to 67 lm/W	68 lm/W	72 lm/W
CRI	92 to 96, R9-56 to 94	>92, R9->61	>92, R9->57

Reference Size	Real Dimensions
900 x 900 mm	924 x 924 x 120 mm
1 200 x 2 400 mm	1 224 x 2 424 x 120 mm
1 800 x 3 600 mm	1 824 x 3 624 x 120 mm
2 100 x 4 800 mm	2 124 x 4 824 x 120 mm
2 400 x 9 900 mm	2 424 x 9 924 x 120 mm



Discover OneSpace gen2 on video

Shades FreshFood

Retail & Hospitality





Find the right lighting recipe for your fresh products with Fresh Food LED shades

More and more consumers are shopping online, and the fresh products aisle is often the main reason why a customer chooses one supermarket over another. That's why we've developed a range of special light spectrums to highlight fresh products in supermarkets.

Philips LED lighting solutions for fresh products can be used in-store as a powerful means of improving food presentation, but also to reduce food waste by emitting the right color temperature to slow down the discoloration of sliced meat, for example.



FreshFood LED shades

Use the pictograms on the product pages to find the ranges with their dedicated LED shades.

	FreshFood Rose Traditional improvement for meat	FreshFood Meat Natural highlighting for meat	FreshFood Champagne Warm traditional lighting	FreshFood Ice White Cold lighting natural	FreshFood PremiumColor Highlighting for fruit and vegetables
Meat					
Fish					
Fruit and Vegetables					
Potatoes					
Cheese					
Bread and Pastries					
Wines					

Shades Fashion

Retail & Hospitality





Reveal fashion with custom lighting

With the right lighting, you can forge an attractive brand identity. Attract customers to your stores by enhancing your window displays. A range of different light spectrum and designs are available for luminaires. So you can effortlessly create the look you want and integrate it into your store's decor.



LED shades
Fashion

Use the pictograms on the product pages to find the ranges with their dedicated LED shades.



PremiumColor



Enhance the contrast between colors and whites for a more vibrant fashion experience.



PremiumWhite



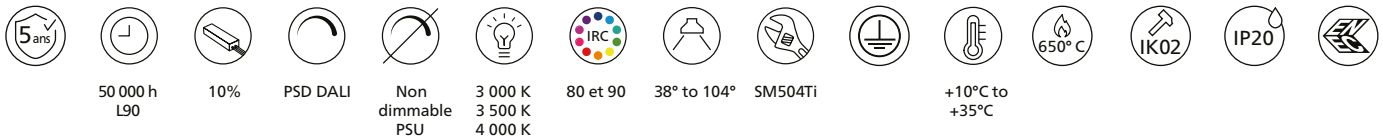
The new benchmark for fashion, with more intense whites thanks to the best technology on the market.

Luminaires on rails

Retail & Hospitality



StoreSet Linear for 3C rail SM504T



PHILIPS
interact
ready.



The discreet rail lighting solution for greater flexibility and durability in stores

- Excellent light quality with high efficiency: up to 170 lm/W
- Wide range of optics and dedicated LED shades
- Discreet linear design offers flexibility for any store layout
- Available as an Interact ready connected version, find out more about Interact: www.interact-lighting.com
- Designed for circular economy

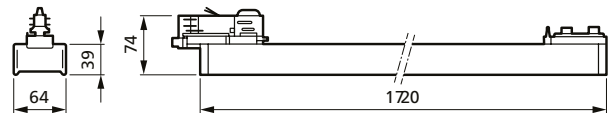
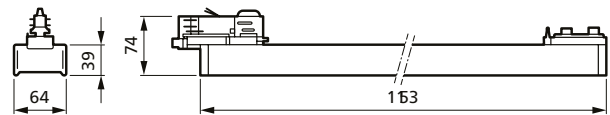
Retail & Hospitality



Black version



Gray version



6FT version

Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. (lm/W)	Color temp (K)	Beam (°)
Version Extra Efficiency (XA), Flux 66S (6600 lm), CRI 80 (830/840), dimmable DALI (DIA), white (WH) black (BK) or Silver-Grey (SI)					
SM504T 66S/840 DIA-VLC DA35W WH XA	6 600	41	161	4 000	104 x 98
SM504T 66S/830 DIA-VLC WB WH XA	6 600	44	150	3 000	85 x 85
Version Extra efficiency (XA), Flux 80S (8000 lm), CRI 80 (830/840), dimmable DALI (PSD), white (WH) black (BK) or Silver-Grey (SI)					
SM504T 80S/830 PSD-VLC A20 WH XA	8 000	54	148	3 000	50 x 78
Version Extra efficiency (XA), Flux 80S (8000 lm), CRI 80 (830/840), dimmable DALI (DIA), white (WH) black (BK) or Silver-Grey (SI)					
SM504T 80S/830 DIA-VLC A20 WH XA	8 000	54	148	3 000	50 x 78
Version Extra efficiency (XA), Flux 90S (9000 lm), CRI 80 (830/840), dimmable DALI (PSD), white (WH) black (BK) or Silver-Grey (SI)					
SM504T 90S/830 PSD-VLC WB WH XA	9 000	62	145	3 000	85 x 85
Version Extra efficiency (XA), Flux 90S (9000 lm), CRI 80 (830/840), non-dimmable (PSU), white (WH) black (BK) or Silver-Grey (SI)					
SM504T 90S/840 PSU DA35W WH XA	9 000	58	155	4 000	104 x 98
Version Extra efficiency (XA), Flux 90S (9000 lm), CRI 80 (830/840), dimmable DALI (DIA), white (WH) black (BK) or Silver-Grey (SI)					
SM504T 90S/830 DIA-VLC WB WH XA	9 000	62	145	3 000	85 x 85

StoreSet Linear for 3C rail SM504T

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Version standard, Flux 615 (6100 lm), CRI 80 (830/840), non-dimmable (PSU), white (WH) black (BK), Silver-Grey (SI)					
SM504T 61S/840 PSU A20 WH	6 100	47	130	4 000	50 x 78
Version standard, Flux 615 (6100 lm), CRI 80 (830/840), dimmable DALI (DIA), white (WH) black (BK) or Silver-Grey (SI)					
SM504T 61S/840 DIA-VLC WB BK	6 100	47	130	4 000	85 x 85
SM504T 61S/830 DIA-VLC DA35W WH	6 100	51	120	3 000	104 x 98
Version standard, Flux 615 (6100 lm), CRI 80 (830/840), non-dimmable (PSU), white (WH) black (BK), Silver-Grey (SI)					
SM504T 61S/830 PSU WB WH	6 100	51	120	3 000	85 x 85
Version standard, Flux 665 (6600 lm), CRI 80 (830/840), dimmable DALI (DIA), white (WH) black (BK) or Silver-Grey (SI)					
SM504T 66S/840 PSU DA45 WH	6 600	43	153	4 000	110 x 110
Version standard, Flux 805 (8000 lm), CRI 80 (830/840), non-dimmable (PSU), white (WH) black (BK) or Silver-Grey (SI)					
SM504T 66S/830 DIA-VLC WB SI	6 600	46	143	3 000	85 x 85
Version standard, Flux 805 (8000 lm), CRI 80 (830/840), dimmable DALI (PSD), white (WH) black (BK) or Silver-Grey (SI)					
SM504T 80S/840 PSU DA45 WH	8 000	54	148	4 000	110 x 110
SM504T 80S/840 PSU A20 WH	8 000	54	148	4 000	50 x 78
SM504T 80S/830 PSU WB BK	8 000	57	140	3 000	85 x 85
Version standard, Flux 805 (8000 lm), CRI 80 (830/840), dimmable DALI (DIA), white (WH) black (BK) or Silver-Grey (SI)					
SM504T 80S/840 PSD-VLC DA25N WH	8 000	54	148	4 000	72 x 90
Version standard, Flux 805 (8000 lm), CRI 80 (830/840), dimmable DALI (DIA), white (WH) black (BK) or Silver-Grey (SI)					
SM504T 80S/830 DIA-VLC WB BK	8 000	57	140	3 000	85 x 85
SM504T 80S/840 DIA-VLC DA25N WH	8 000	54	148	4 000	72 x 90
Version standard, Flux 905 (9000 lm), CRI 80 (830/840), dimmable DALI (DIA), white (WH) black (BK) or Silver-Grey (SI)					
SM504T 90S/830 DIA-VLC DA35W WH	9 000	65	138	3 000	104 x 98
Version standard, Flux 905 (9000 lm), CRI 80 (830/840), dimmable DALI (PSD), white (WH) black (BK) or Silver-Grey (SI)					
SM504T 90S/830 PSD-VLC DA35W WH	8 700	63	138	3 000	104 x 98
Version standard, Flux 805 (8000 lm), CRI 80 (830/840), dimmable DALI (PSD), white (WH) black (BK) or Silver-Grey (SI)					
SM504T 80S/830 PSD-VLC WB BK	8 000	57	140	3 000	85 x 85
Version standard, Flux 905 (9000 lm), CRI 80 (830/840), non-dimmable (PSU), white (WH) black (BK) or Silver-Grey (SI)					
SM504T 90S/840 PSU WB SI	9 200	63	146	4 000	85 x 85



LED Accent Lights

Retail & Hospitality

Compare the features of our selection of classified LED accent recessed lights, from the simplest to the most advanced solution.



Portfolio Summary

LuxSpace Accent gen4
RS771B/RS772B (Compact)
RS781B/RS782B (Performance)



- 125 mm and 155 mm ideal for new installations
- Compact design and excellent light efficiency
- Exceptional light quality with dedicated shades for fashion boutiques (PremiumWhite and PremiumColor) and the food industry (FreshFood)
- Beams from 10° to 36°
- Designed for circular economy
- EU origin version available

GreenSpace Accent
RS340B (Fixed)
RS342B (Elbow)
RS343B (Adjustable)



- 175 mm ideal for retrofitting CDM luminaires
- High light efficiency
- Exceptional light quality with dedicated shades for fashion boutiques (PremiumWhite and PremiumColor) and the food industry (FreshFood)
- Beams from 10° to 60°
- Designed for circular economy
- EU origin version available

GreenSpace Flex G2
RS378B/RS378Z



- Multiple cut out options from 2 inches to 6 inches
- Various options for color temperature and beam angle include wall washer and compatible MR16/ExpertColor
- Deep recessed design
- Visual comfort, dark reflector choice and option of UGR <15
- Modular design and multiple accessories for different applications

True Fashion Recessed
Spotlight
RS700B/GD700B



- High lighting quality vis fashionable optical elements
- Wide variety of beam angles with the Philips FPO lens
- Scene management via control options
- Two head grid option available

CoreLine Accent gen2
RS155B (Fixed)
RS156B (Adjustable)



- Multiple decorative possibilities
- Excellent performance
- Adjustable version, options with separate trims and modules.

Diameter of recess (mm)	Finish color	Beam	Flux Sources	Service life	System efficiency	Color temperature	Color rendering	IP	Connectivity	Standard warranty
125/155	White RAL9003 Black RAL9004 Gray RAL9006	10° to 36° and 30° x 60°	1700 to 6000 lm	50 000 h L80	Up to 159 lm/W	2 700 K 3 000 K 4 000 K	CRI 80 CRI 90	IP 20	Interact Ready Versions	5 years
175	White RAL9003 Black RAL9004 Gray RAL9006	10° to 60°	1700 to 4900 lm	50 000 h L80	Up to 120 lm/W	2 700 K 3 000 K 4 000 K	CRI 80 CRI 90	IP 20	Interact Ready Versions	5 years
from 55 to 150	Reflector: Matt black, Titanium, Bright silver, Matt silver, Matt white Body color: White 9003 / Black 9011	NB: 15°/ MB: 24° WB: 38°/ VWB: 50°	468 to 3990lm	50,000 Hours @ L70B50	>78lm/W (based on reflector)	2 700K 3 000K 4 000K	CRI > 90	IP 54 (Front option)	Interact Ready Versions	5 years
RS700B: Ø90 and Ø105 GD700B: LxW: 92x92 ; 122x122 ; 209 x 107	White RAL9003 Black RAL9004 Gray RAL9006	10° to 60°	1700 to 4900 lm	50 000 h L80	Up to 120 lm/W	2 700 K 3 000 K 4 000 K	CRI 80 CRI 90	IP 20	Interact Ready Versions	5 years
68	White RAL9003 Black RAL9004 Brushed Aluminum	36°	720 to 1380 lm	50 000 h L70	Up to 112 lm/W	2 700K 3 000K 4 000K	CRI > 80	IP65 (fixed versions) IP44 (adjustable versions)	Interact Ready Versions	5 years

LED Accent Lights

Retail & Hospitality

Compare the features of our selection of classified LED accent recessed lights, from the simplest to the most advanced solution.



Portfolio Summary

GreenUp Accent Elbow Series RS305B



- Excellent color tolerance performance SDCM>3 free from stroboscopic effect
- Rich product options, available in multiple powers, beam angles, and color temperature
- Excellent color rendering performance CRI.90, R9>50
- Compact external dimension, rotatable in multiple directions to facilitate easy adjustment.

GreenUp Accent Spotlight RS318B



- Flexible lumen output and wattage, providing designers with more options.
- Two reflector colors to choose from, meeting the needs of different environments.
- Improve visual comfort in hospitality and retail applications.
- Provided with five different beam angles to facilitate lighting designers to adapt to extensive lighting applications
- Available in 1-10V and Dali system options to facilitate light control

GreenUp Grid Three-Head Series GD309B



- Compact structure and high-power output.
- Adjustable within $\pm 30^\circ$ for a single head in the vertical direction.
- CRI>90, highly restoring the true color of goods and enhancing color saturation.
- Visual comfort design, excellent glare control, without stroboscopic effect.

FlexCove G5 LS170S G2

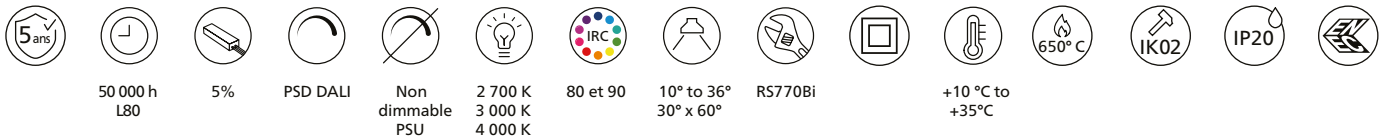


- Includes three sub-series, Basic, Pro and HE, with more choices for greater design flexibility.
- With a minimum cutting length of 5cm
- For better light uniformity LEDs may be chosen from 120, 140, or 160 LEDs per meter.
- Color RGBW, TNW and control options available (DALI or 1-10 V)

Diameter of recess (mm)	Finish color	Beam	Flux Sources	Service life	System efficiency	Color temperature	Color rendering	IP	Connectivity	Standard warranty
75	White (standard)/ black (optional)	18°/ 28°/ 38°/ 50°	590 to 1020lm	50 000 h L70	>81lm/W	2700K/ 3000K/ 4000K (ETO : 5000K/ 3500K)	90	IP 20	No	5 years
75	Reflector: Gloss Silver, Matte Black Body color: White	15° NB/ 24° MB/ 32° WB/ 50° (ETO)/ 12° (ETO)	375lm/ 525lm/ 675lm/ 900lm	30 000 h L70 (50K h on request)	Upto 80lm/W	2700K/ 3000K/ 3500K (ETO)/ 4000K (ETO)	90	IP 20	No	5 years (ETO on request)
LxW: 365x125	White (standard) / Black (optional)	3*20W/ 24W : 15/24/ 35/55 3*28W/ 33W : 18/25/ 36/55	4500lm to 9010lm	50000 h @L70B50	Upto 92lm/W	2700K/ 3000K/ 4000K/ 5000K (ETO : 3500K)	90	IP65 (fixed versions) IP44 (adjustable versions)	No	5 years
L5000 5m/roll	N/A	N/A	400lm to 2000lm	30,000 h (L70B50) , ETO 50,000 h (L70B50)	125 lm/W	2700K 3000K 3500K 4000K Tunable White RGB+W	80/90	IP20: without silicon tube IP44: with silicon tube	No	5 years (ETO on request)

Retail & Hospitality

LuxSpace Accent Compact gen4 RS771B/ RS772B



PHILIPS
interact
ready.

Fresh Food
LED shades

LED shades
Fashion

A powerful, discreet recessed light with exceptional durability

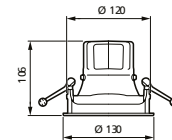
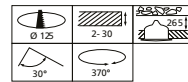
- Perfect accent reflectors improve visual comfort for consumers
- High efficiency: up to 148 lm/W
- Flexible solution: available in swivel and pull-out versions in various finishes and with a wide choice of beams
- Available as an Interact ready connected version, find out more about Interact: www.interact-lighting.com



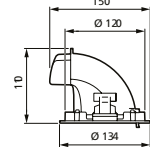
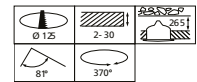
Cardanic version - Black



Cardanic version - Gray



Cardanic version (RS771B)



Pull-out version (RS772B)

Dimension in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Adjustable, CRI 90, 3000K, non-dimmable (PSU), high reflection wide beam (HWP), white (WH)					
RS771B 17S/930 PSU-E HWP WH	1 700	14	121	3 000	36
Adjustable, FreshMeat (FMT) / Rose (ROSE), non-dimmable (PSU), high reflection wide beam (HWP), Front Glass (FG), white (WH)					
RS771B 19S/FMT PSU-E HWP FG WH	1 900	22	86	3 000	36
RS771B 19S/ROSE PSU-E HWP FG WH	2 000	20,5	97	2 200	36
Adjustable, CRI 80, 3000K, non-dimmable (PSU), narrow beam (NB), white (WH)					
RS771B 20S/830 PSU-E NB WH	2 000	20,5	97	3 000	10
Adjustable, IRC90, 3000K, PremiumWhite (PW930) / PremiumColor (PC930), non-dimmable (PSU), high reflection wide beam (HWP), white (WH)					
RS771B 27S/PW930 PSU-E HWP WH	2 750	28,5	96	3 000	36
RS771B 27S/PC930 PSU-E HWP WH	2 750	25	110	3 000	36
Adjustable, CRI 90, 3000K, non-dimmable (PSU), wide beam (WB), black (BK)					
RS771B 27S/930 PSU-E WB BK	2 700	26	103	3 000	36
Adjustable, FreshMeat (FMT) / Rose (ROSE) / Champagne (CH) / Frost (FR), non-dimmable (PSU), high reflection wide beam (HWP), Front Glass (FG), white (WH)					
RS771B 27S/FMT PSU-E HWP FG WH	2 700	31,5	85	3 000	36
RS771B 27S/ROSE PSU-E HWP FG WH	2 800	29	96	2 200	36
RS771B 27S/CH PSU-E HWP FG WH	1 750	14,4	121	2 700	36
RS771B 27S/FR PSU-E HWP FG WH	2 700	28,5	94	5 000	36
Adjustable, CRI 80, 3000K, Interact Ready (WIA), medium beam (MB), white (WH)					
RS771B 27S/830 WIA-E MB WH	2 750	23,5	117	3 000	24
Adjustable, CRI 80, 3000K, DALI dimmer (DIA), high reflection medium beam (HMB), white (WH)					
RS771B 27S/830 DIA-VLC-E HMB WH	2 650	19	139	3 000	24
Adjustable, CRI 80, 2700K/3000K/4000K, non-dimmable (PSU), wide beam (WB) / medium beam (MB), white (WH)					
RS771B 27S/827 PSU-E WB WH	2 700	23,5	114	2 700	36
RS771B 27S/830 PSU-E MB WH	2 750	23,5	117	3 000	24
RS771B 27S/840 PSU-E WB WH	2 800	23,5	119	4 000	36

*See additional information at the beginning of the Retail chapter

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Adjustable, IRC90, 3000K, PremiumWhite (PW930), non-dimmable (PSU), wide beam (WB), white (WH)					
RS771B 39S/PW930 PSU-E WB WH	3900	36	108	3000	36
Adjustable, CRI 90, 3000K, non-dimmable (PSU), wide beam (WB), white (WH)					
RS771B 39S/930 PSU-E WB WH	3850	36	106	3000	36
Adjustable, CRI 80, 2700K / 3000K / 4000K, non-dimmable (PSU), wide beam (WB) / very wide beam (VWB), white (WH) / Silver-Gray (SI)					
RS771B 39S/827 PSU-E WB SI	3800	31,5	120	2700	36
RS771B 39S/830 PSU-E VWB WH	3900	31,5	123	3000	36
RS771B 39S/840 PSU-E WB WH	4000	28	142	4000	36
Adjustable, CRI 90, 3000K, PremiumWhite (PW930), non-dimmable (PSU), high reflection wide beam (HWPB), white (WH)					
RS771B 49S/PW930 PSU-E HWPB WH	4650	40	116	3000	36
Adjustable, CRI 90, 3000K, non-dimmable (PSU), high reflection wide beam (HWPB), white (WH)					
RS771B 49S/930 PSU-E HWPB WH	4650	40	116	3000	36
Adjustable, CRI 80, 2700K/3000K/4000K, non-dimmable (PSU), high reflection wide beam (HWPB), white (WH)					
RS771B 49S/827 PSU-E HWPB WH	4850	38,5	126	2700	36
RS771B 49S/830 PSU-E HWPB WH	5000	38,5	129	3000	36
RS771B 49S/840 PSU-E HWPB WH	5250	38,5	136	4000	36
Elbow, CRI 90, 3000K, non-dimmable (PSU), high reflection wide beam (HWPB), white (WH)					
RS772B 17S/930 PSU-E HWPB WH	1700	14	121	3000	36
Elbow, FreshMeat (FMT) / Rose (ROSE), non-dimmable (PSU), high reflection wide beam (HWPB), Front Glass (FG), white (WH)					
RS772B 19S/FMT PSU-E HWPB FG WH	1900	22	86	3000	36
RS772B 19S/ROSE PSU-E HWPB FG WH	2000	20,5	97	2200	36
Elbow, CRI 80, 3000K, non-dimmable (PSU), narrow beam (NB), white (WH)					
RS772B 20S/830 PSU-E NB WH	2000	20,5	97	3000	10
Elbow, CRI 90, 3000K, PremiumWhite (PW930) / PremiumColor (PC930), non-dimmable (PSU), high reflection wide beam (HWPB), white (WH)					
RS772B 27S/PW930 PSU-E HWPB WH	2750	28,5	96	3000	36
RS772B 27S/PC930 PSU-E HWPB WH	2750	25	110	3000	36
Elbow, CRI 90, 3000K, non-dimmable (PSU), wide beam (WB), black (BK)					
RS772B 27S/930 PSU-E WB BK	2700	26	103	3000	36
Elbow, FreshMeat (FMT) / Rose (ROSE) / Champagne (CH) / Frost (FR), non-dimmable (PSU), high reflection wide beam (HWPB), Front Glass (FG), white (WH)					
RS772B 27S/FMT PSU-E HWPB FG WH	2700	31,5	85	3000	36
RS772B 27S/ROSE PSU-E HWPB FG WH	2800	29	96	2200	36
RS772B 27S/CH PSU-E HWPB FG WH	1750	14,4	121	2700	36
RS772B 27S/FR PSU-E HWPB FG WH	2700	28,5	94	5000	36
Elbow, CRI 80, 3000K, DALI dimmer (DIA), medium high reflection beam (HMB), white (WH)					
RS772B 27S/830 DIA-VLC-E HMB WH	2650	19	139	3000	24
Elbow, CRI 80, 3000K, Interact Ready (WIA), medium beam (MB), white (WH)					
RS772B 27S/830 WIA-E MB WH	2750	23,5	117	3000	24
Elbow, CRI 80, 2700K/3000K/4000K, non-dimmable (PSU), wide beam (WB) / medium beam (MB), white (WH)					
RS772B 27S/827 PSU-E WB WH	2700	23,5	114	2700	36
RS772B 27S/830 PSU-E MB WH	2750	23,5	117	3000	24
RS772B 27S/840 PSU-E WB WH	2800	23,5	119	4000	36
Elbow, CRI 90, 3000K, PremiumWhite (PW930), non-dimmable (PSU), wide beam (WB), white (WH)					
RS772B 39S/PW930 PSU-E WB WH	3900	36	108	3000	36
Elbow, CRI 90, 3000K, non-dimmable (PSU), Horizontal oval beam (OVL-H), white (WH)					
RS772B 39S/930 PSU-E HOVL-H WH	3850	36	106	3000	30 x 60
Elbow, CRI 80, 2700K/3000K/4000K, non-dimmable (PSU), very wide beam (VWB) / wide beam (WB), white (WH)					
RS772B 39S/830 PSU-E VWB WH	3900	31,5	123	3000	36
RS772B 39S/827 PSU-E WB SI	3800	31,5	120	2700	36
RS772B 39S/840 PSU-E WB WH	4000	28	142	4000	36
Elbow, CRI 90, 3000K, PremiumWhite (PW930), non-dimmable (PSU), high reflection wide beam (HWPB), white (WH)					
RS772B 49S/PW930 PSU-E HWPB WH	4650	40	116	3000	36
Elbow, CRI 90, 3000K, non-dimmable (PSU), high reflection wide beam (HWPB), white (WH)					
RS772B 49S/930 PSU-E HWPB WH	4650	40	116	3000	36
Elbow, CRI 80, 2700K/3000K/4000K, non-dimmable (PSU), high reflection wide beam (HWPB), white (WH)					
RS772B 49S/827 PSU-E HWPB WH	4850	38,5	126	2700	36
RS772B 49S/830 PSU-E HWPB WH	5000	38,5	129	3000	36
RS772B 49S/840 PSU-E HWPB WH	5250	38,5	136	4000	36

LuxSpace Accent Performance gen4 RS781B/ RS782B



PHILIPS
interact
ready.



A powerful, discreet recessed light with exceptional durability

- PerfectAccent reflectors improve visual comfort for consumers
- High efficiency: up to 159 lm/W
- Flexible solution: available in swivel and pull-out versions in various finishes and with a wide choice of beams
- Available as an Interact ready connected version, find out more about Interact: www.interact-lighting.com
- Designed for circular economy



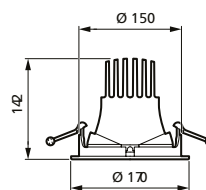
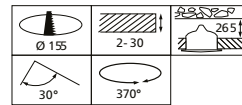
Retail & Hospitality



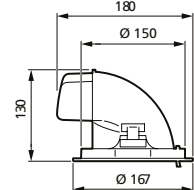
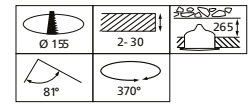
Adjustable version - Black



Adjustable version - Gray



Adjustable version (RS781B)



Elbow version (RS782B)

Dimension in mm

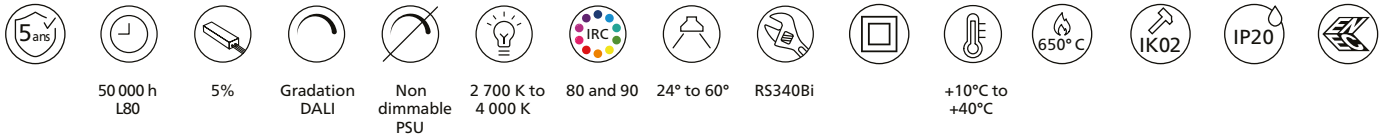
Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Adjustable, IRC90, 3000K, PremiumWhite (PW), non-dimmable (PSU), high reflection wide beam (HWB), white (WH)					
RS781B 395/PW930 PSU-E HWB WH	3 900	32	121	3 000	36
Adjustable, IRC90, 3000K, non-dimmable (PSU), wide beam (WB), black (BK)					
RS781B 395/930 PSU-E WB BK	3 850	36	106	3 000	36
Adjustable, FreshMeat (FMT) / Rose (ROSE) / Champagne (CH), non-dimmable (PSU), high reflection wide beam (HWB), Front Glass (FG), white (WH)					
RS781B 395/CH PSU-E HWB FG WH	3 750	29,5	121	2 700	36
RS781B 275/FMT PSU-E HWB FG WH	2 700	31,5	85	3 000	36
RS781B 275/ROSE PSU-E HWB FG WH	2 800	29	96	2 200	36
Adjustable, IRC80, 3000K, DALI dimmer (DIA), medium high reflection beam (HMB), white (WH)					
RS781B 395/830 DIA-VLC-E HMB WH	3 850	29,5	130	3 000	24
Adjustable, IRC80, 3000K, Interact Ready (WIA), medium beam (MB), white (WB)					
RS781B 395/830 WIA-E MB WH	3 900	31,5	123	3 000	24
Adjustable, IRC80, 2700K/3000K/4000K, non-dimmable (PSU), narrow beam (NB) / medium beam (MB) / wide beam (WB), white (WH)					
RS781B 395/827 PSU-E NB WH	3 500	33	106	2 700	10
RS781B 395/830 PSU-E MB WH	3 900	31,5	123	3 000	24
RS781B 395/840 PSU-E WB WH	4 000	28	142	4 000	36

*See additional information at the beginning of the Retail chapter

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Adjustable, IRC90, 3000K, PremiumWhite (PW), non-dimmable (PSU), wide beam (WB), white (WH)					
RS781B 49S/PW930 PSU-E WB WH	4 550	40	113	3 000	36
Adjustable, IRC90, 3000K, non-dimmable (PSU), wide beam (WB), white (WB)					
RS781B 49S/930 PSU-E WB WH	4 550	40	113	3 000	36
Adjustable, IRC80, 2700K/3000K/4000K, non-dimmable (PSU), very wide beam (VWB) / wide beam (WB), white (WH)/Silver (SI)					
RS781B 49S/827 PSU-E VWB SI	4 750	38,5	123	2 700	36
RS781B 49S/830 PSU-E WB WH	4 900	38,5	127	3 000	36
RS781B 49S/840 PSU-E WB WH	5 150	38,5	133	4 000	36
Adjustable, IRC80, 2700K/3000K/4000K, non-dimmable (PSU), medium beam (MB), white (WH)					
RS781B 60S/827 PSU-E HMB WH	6 000	50	120	2 700	24
RS781B 60S/830 PSU-E HMB WH	6 000	50	120	3 000	24
RS781B 60S/840 PSU-E HMB WH	6 000	50	120	4 000	24
Elbow, IRC90, 3000K, PremiumWhite (PW), non-dimmable (PSU), high reflection wide beam (HWB), white (WH)					
RS782B 39S/PW930 PSU-E HWB WH	3 900	32	121	3 000	36
Pull-out, IRC90, 3000K, non-dimmable (PSU), wide beam (WB), Black (BK)					
RS782B 39S/930 PSU-E WB BK	3 850	36	106	3 000	36
Elbow, FreshMeat (FMT) / Rose (ROSE) / Champagne (CH), non-dimmable (PSU), high reflection wide beam (HWB), Front Glass (FG), white (WH)					
RS782B 39S/CH PSU-E HWB FG WH	3 750	29,5	121	2 700	36
RS782B 27S/FMT PSU-E HWB FG WH	2 700	31,5	85	3 000	36
RS782B 27S/ROSE PSU-E HWB FG WH	2 800	29	96	2 200	36
Elbow, IRC80, 3000K, DALI dimmer (DIA), medium high reflection beam (HMB), white (WH)					
RS782B 39S/830 DIA-VLC-E HMB WH	3 850	29,5	130	3 000	24
Elbow, IRC80, 3000K, Interact Ready (WIA), medium beam (MB), white (WB)					
RS782B 39S/830 WIA-E MB WH	3 900	31,5	123	3 000	24
Elbow, IRC80, 2700K/3000K/4000K, non-dimmable (PSU), medium beam (MB) / extensif (WB) / narrow beam (NB), white (WH)					
RS782B 39S/827 PSU-E NB WH	3 500	33	106	2 700	10
RS782B 39S/830 PSU-E MB WH	3 900	31,5	123	3 000	24
RS782B 39S/840 PSU-E WB WH	4 000	28	142	4 000	36
Elbow, IRC90, 3000K, PremiumWhite (PW930), non-dimmable (PSU), wide beam (WB), white (WH)					
RS782B 49S/PW930 PSU-E WB WH	4 550	40	113	3 000	36
Elbow, CRI 90, 3000K, non-dimmable (PSU), Horizontal oval beam (OVL-H), white (WH)					
RS782B 49S/930 PSU-E OVL-H WH	4 550	40	113	3 000	30 x 60
Elbow, IRC80, 2700K/3000K/4000K, non-dimmable (PSU), very wide beam (VWB) / wide beam (WB), white (WH)/Silver (SI)					
RS782B 49S/827 PSU-E VWB SI	4 750	38,5	123	2 700	36
RS782B 49S/830 PSU-E WB WH	4 900	38,5	127	3 000	36
RS782B 49S/840 PSU-E WB WH	5 150	38,5	133	4 000	36

GreenSpace Accent Adjustable RS343B



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The high-quality adjustable LED recessed light

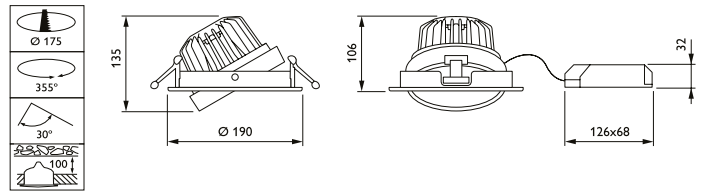
- Ideal for renovation: 175 mm recessed diameter
- Outstanding light efficiency: up to 120 lm/W
- Flexibility: various finishes (black, white, gray), beams (24° to 60°), flux (2,700 to 3,900 lm), choice of colors, FreshFood and Fashion solutions
- Luminaire with double axis of rotation
- Available as an Interact ready connected version, find out more about Interact: www.interact-lighting.com



Black version



Gray version



Dimension in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Equivalent flux CDM 35W, non-dimmable (PSU), beam 36°(WB), white (WH)					
RS343B 17S/830 PSU-E WB CP WH	1 700	14,4	118	3 000	36
RS343B 17S/840 PSU-E WB CP WH	1 700	14,4	125	4 000	36
CRI90 - 3000K, equivalent flux CDM 35W, non-dimmable (PSU), beam 35°(WB), white (WH)					
RS343B 17S/PW930 PSU-E WB CP WH	1 700	14	114	3 000	36
FreshMeat (FMT), 1900lm, non-dimmable (PSU), beam 36°(WB), white (WH)					
RS343B 19S/FMT PSU-E WB CP WH	1 900	22	86	3 000	36
Rose (ROSE), 1900lm, dimmable DALI (DIA), beam 36°(WB), white (WH)					
RS343B 19S/ROSE DIA-VLC-E WB CP WH	1 900	20,5	92	2 200	36
Equivalent flux CDM Elite 35W, non-dimmable (PSU), beam 25°(MB) or 35°(WB), white (WH)					
RS343B 27S/827 PSU-E MB CP WH	2 700	23,5	115	2 700	24
RS343B 27S/830 PSU-E WB CP WH	2 700	23,5	115	3 000	36
RS343B 27S/840 PSU-E MB CP WH	2 700	23,5	120	4 000	24

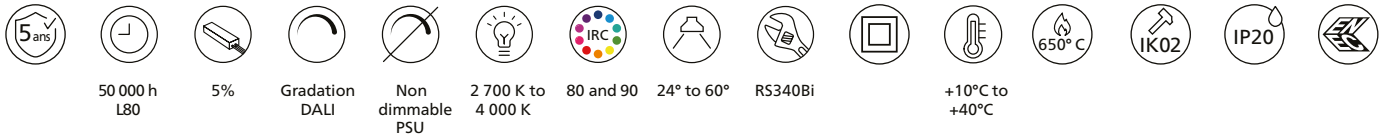
*See additional information at the beginning of the Retail chapter

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. (lm/W)	Color temp (K)	Beam (°)
Champagne (CH), Equivalent flux CDM Elite 35W, non-dimmable (PSU), beam 24°(MB), white (WH)					
RS343B 27S/CH PSU-E MB CP WH	2 700	23,5	115	2 700	24
FreshMeat (FMT), Equivalent flux CDM Elite 35W, non-dimmable (PSU), beam 24°(MB), white (WH)					
RS343B 27S/FMT PSU-E MB CP WH	2 700	35	77	3 000	24
Rose (ROSE), Equivalent flux CDM Elite 35W, non-dimmable (PSU), beam 24°(MB), white (WH)					
RS343B 27S/ROSE PSU-E WB CP BK	2 700	29	93	2 200	36
CRI90 - 3000K, Premium Color (PC930) or Premium White (PW930), Equivalent flux CDM Elite 35W, non-dimmable (PSU), beam 24°(MB) or 36°(WB), white (WH)					
RS343B 27S/PC930 PSU-E MB CP WH	2 700	25	106	3 000	24
RS343B 27S/PW930 PSU-E WB CP WH	2 700	26	103	3 000	36
Equivalent flux CDM Elite 70W, non-dimmable (PSU), beam 24°(MB) or 36°(WB), white (WH)					
RS343B 39S/827 PSU-E WB CP WH	3 900	31,5	119	2 700	36
RS343B 39S/830 PSU-E MB CP WH	3 900	31,5	123	3 000	24
RS343B 39S/840 PSU-E WB CP WH	4 000	28	142	4 000	36
CRI90 - 3000K, Premium Color (PC930) or Premium White (PW930), Equivalent flux CDM Elite 70W, non-dimmable (PSU), beam 24°(MB) or 36°(WB), white (WH)					
RS343B 39S/PC930 PSU-E MB CP WH	3 600	36	100	3 000	24
RS343B 39S/PW930 PSU-E WB CP WH	3 900	36	108	3 000	36



GreenSpace Accent Elbow RS342B



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FreshFood*
LED shades

LED shades
Fashion*

The high-quality elbow LED recessed light

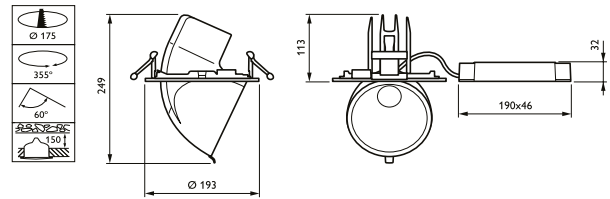
- Ideal for renovation: 175 mm recessed diameter
- Outstanding light efficiency: up to 120 lm/W
- Flexibility: different finishes (black, white, gray), beams (24° to 60°), flux (2,700 to 3,900 lm), choice of colors and FreshFood and Fashion solutions
- Luminaire with double axis of rotation
- Available as an Interact ready connected version, find out more about Interact: www.interact-lighting.com



Black version



Gray version



Dimension in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. (lm/W)	Color temp (K)	Beam (°)
Equivalent flux CDM 35W, non-dimmable (PSU), beam 24°(MB) or 36°(WB), white (WH)					
RS342B 17S/830 PSU-E MB CP WH	1 700	14,4	118	3 000	24
RS342B 17S/830 PSU-E WB CP WH	1 700	14,4	118	3 000	36
RS342B 17S/840 PSU-E MB CP WH	1 700	14,4	125	4 000	24
RS342B 17S/840 PSU-E WB CP WH	1 700	14,4	125	4 000	36
CRI90 - 3000K, equivalent flux CDM 35W, non-dimmable (PSU), beam 24°(MB), white (WH)					
RS342B 17S/PW930 PSU-E MB CP WH	1 700	14	114	3 000	24
FreshMeat (FMT), 1900 lm, non-dimmable (PSU), beam 36°(WB), white (WH)					
RS342B 19S/FMT PSU-E WB CP WH	1 900	22	86	3 000	36
Rose (ROSE), 1900 lm, non-dimmable (PSU), beam 36°(WB), white (WH)					
RS342B 19S/ROSE DIA-VLC-E WB CP WH	1 900	20,5	92	2 200	36
Equivalent flux CDM Elite 35W, non-dimmable (PSU), beam 24°(MB) or 36°(WB), white (WH), Silver-Gray (SI) or black (BK)					
RS342B 27S/827 PSU-E MB CP WH	2 700	23,5	115	2 700	24
RS342B 27S/830 PSU-E WB CP SI	2 700	23,5	115	3 000	36
RS342B 27S/830 PSU-E WB CP WH	2 700	23,5	115	3 000	36
RS342B 27S/840 PSU-E MB CP BK	2 700	23,5	120	4 000	24

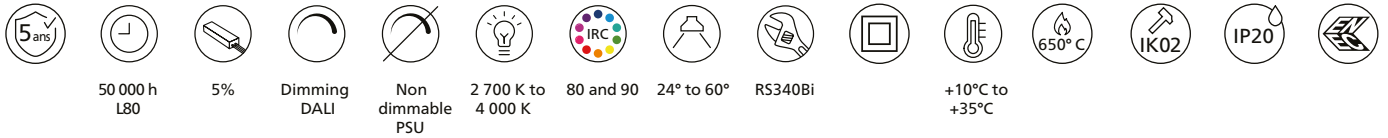
*See additional information at the beginning of the Retail chapter

Designation	System flux	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Champagne (CH), Equivalent flux CDM Elite 35W, non-dimmable (PSU), beam 36°(WB), white (WH)					
RS342B 27S/CH PSU-E WB CP WH	2 700	23,5	115	2 700	36
FreshMeat (FMT), Equivalent flux CDM Elite 35W, non-dimmable (PSU), beam 24°(MB), white (WH)					
RS342B 27S/FMT PSU-E MB CP WH	2 700	35	77	3 000	24
Rose (ROSE), Equivalent flux CDM Elite 35W, non-dimmable (PSU), beam 36°(WB), white (WH)					
RS342B 27S/ROSE PSU-E WB CP BK	2 700	29	93	2 200	36
CRI90 - 3000K, Premium Color (PC930) or Premium White (PW930), Equivalent flux CDM Elite 35W, non-dimmable (PSU), beam 24°(MB) or 36°(WB), white (WH)					
RS342B 27S/PC930 PSU-E MB CP WH	2 700	25	106	3 000	24
RS342B 27S/PW930 PSU-E WB CP WH	2 700	26	103	3 000	36
Equivalent flux CDM 70W, non-dimmable (PSU), beam 24°(MB) or 36°(WB), white (WH)					
RS342B 39S/827 PSU-E WB CP WH	3 900	31,5	119	2 700	36
RS342B 39S/830 PSU-E MB CP WH	3 900	31,5	123	3 000	24
RS342B 39S/840 PSU-E WB CP WH	4 000	28	142	4 000	36
CRI90 - 3000K, Premium Color (PC930) or Premium White (PW930), Equivalent flux CDM 70W, non-dimmable (PSU), beam 24°(MB) or 36°(WB), white (WH)					
RS342B 39S/PC930 PSU-E MB CP WH	3 600	36	100	3 000	24
RS342B 39S/PW930 PSU-E WB CP WH	3 900	36	108	3 000	36

Retail & Hospitality



GreenSpace Accent Fixed RS340B



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FreshFood*
LED shades

LED shades
Fashion*

The high-quality fixed recessed LED light

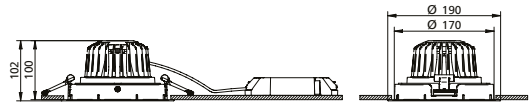
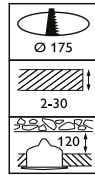
- Ideal for renovation: 175 mm recessed diameter
- Outstanding light efficiency: up to 120 lm/W
- Flexibility: different finishes (black, white, gray), beams (24° to 60°), flux (2700 to 3900 lm), choice of colors and FreshFood solutions
- Available as an Interact ready connected version, find out more about Interact: www.interact-lighting.com



Black version



Gray version



Dimension in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
FreshMeat (FMT), 1900 lm, non-dimmable (PSU), beam 36°(WB), White (WH)					
RS340B 19S/FMT PSU-E WB CP WH	1 900	22	86	3 000	36
Equivalent flux CDM 70W, non-dimmable (PSU), beam 36°(WB) or 60°(VWB), White (WH)					
RS340B 27S/830 PSU-E VWB CP WH	2 700	23,5	115	3 000	60
RS340B 27S/830 PSU-E WB CP WH	2 700	23,5	115	3 000	36
RS340B 27S/840 PSU-E WB CP WH	2 700	23,5	120	4 000	36
Equivalent flux CDM 70W, dimmable DALI (DIA), beam 60°(VWB), White (WH)					
RS340B 27S/830 DIA-VLC-E VWB CP WH	2 700	23,5	115	3 000	60
Champagne (CH), Equivalent flux CDM 70W, non-dimmable (PSU), beam 36°(WB), White (WH)					
RS340B 27S/CH PSU-E WB CP WH	2 700	23,5	115	2 700	36
FreshMeat (FMT), Equivalent flux CDM 70W, non-dimmable (PSU), beam 24°(MB), White (WH)					
RS340B 27S/FMT PSU-E MB CP WH	2 700	35	77	3 000	24
CR190 - 3000K, PremiumWhite (PW930), Equivalent flux CDM 70W, non-dimmable (PSU), beam 36°(WB), White (WH)					
RS340B 27S/PW930 PSU-E WB CP WH	2 700	26	103	3 000	36
Equivalent flux CDM 70W, non-dimmable (PSU), beam 36°(WB) or 60°(VWB), white (WH)					
RS340B 39S/827 PSU-E WB CP WH	3 900	31,5	119	2 700	36
RS340B 39S/830 PSU-E WB CP WH	3 900	31,5	123	3 000	36
RS340B 39S/840 PSU-E WB CP WH	4 000	28	142	4 000	36
RS340B 39S/840 PSU-E VWB CP WH	4 000	28	142	4 000	60
Equivalent flux CDM 70W, dimmable DALI (DIA), beam 36°(WB) or 60°(VWB), white (WH)					
RS340B 39S/830 DIA-VLC-E VWB CP WH	3 900	31,5	123	3 000	60
RS340B 39S/840 DIA-VLC-E WB CP WH	4 000	28	142	4 000	36
CR190 - 3000K, PremiumWhite (PW930), Equivalent flux CDM 70W, non-dimmable (PSU), beam 36°(WB), white (WH)					
RS340B 39S/PW930 PSU-E WB CP WH	3 900	36	108	3 000	36

*See additional information at the beginning of the Retail chapter

Green Space Flex G2 RS378B/RS378Z

PHILIPS



LED Spotlights Flexible and Changeable

Greenspace Flex spotlight is a brand new spotlight specially developed for the hotel and retail markets. With a modular design style and a variety of module and front ring accessory options, customers can choose the appropriate product portfolio according to different application needs. The diversity and flexibility design of Greenspace Flex can greatly meet the changing requirements of hotels and shopping malls for spotlights, and the product supports.

Product features

Comprehensive Product Portfolio

Diversified product range Multiple options for hole cutting sizes from ~ 2 inches to ~ 6 inches Various options for color temperature and beam angle include wall washer Compatible MR16/ExpertColor

Visual Comfort

Deep concave design
UGR <15 *
Dark light reflector

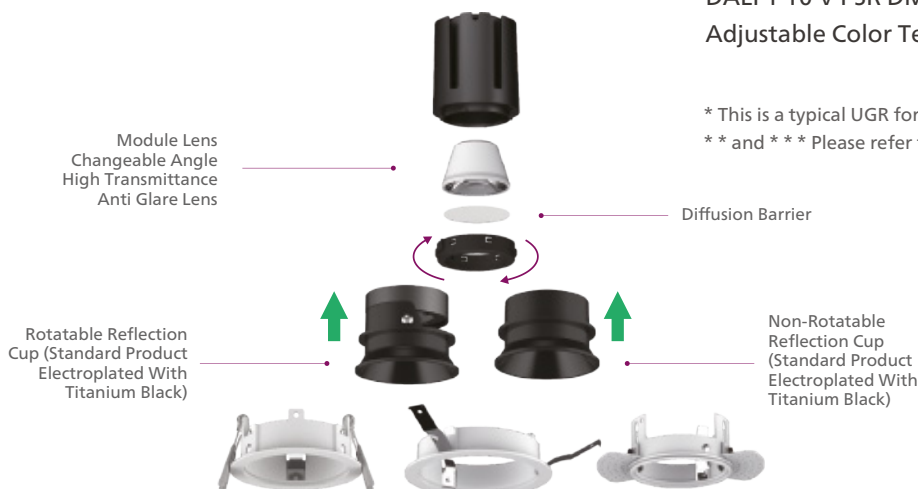
Good Flexibility

Modular design Multiple accessories for different applications.

Control Options

Seamless integration with Interact
Hospitality Switch Control
DALI 1 10 V PSR DMX **
Adjustable Color Temperature

* This is a typical UGR for deep recess trimming and varies from trimming ** and *** Please refer to the product list for detailed options.



Retail & Hospitality

Main Applications

- Commercial chain stores
- Shopping mall
- Restaurant
- Hospitality Segment



① Reflection Cups Can Be Customized In Other Colors (ETO)

Rotatable Electroplated Bright Silver Reflection Cup



Non-rotatable Electroplated Bright Silver Reflection Cup

Rotatable Paint Matte Black Reflection Cup



Non-rotatable Paint Matte Black Reflection Cup

Rotatable Paint Matte White Reflection Cup



Non-rotatable Paint Matte White Reflection Cup

Rotatable Paint Matte Silver Reflection Cup



Non-rotatable Paint Matte Silver Reflection Cup

② Rs378b Luminous Surface Can Be Customized With IP44 (ETO)

③ The Whole Lamp Can Be Added With Anti Glare Accessories (ETO)

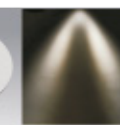
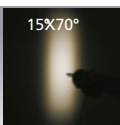


Honeycomb Anti-glare

Grain Diffuser

Anti-glare Cover

④ The Whole Lamp Can Be Customized In Light Type/optics



a. Elliptical Dimmer

b. Single polarization wide light/narrow light dimmer

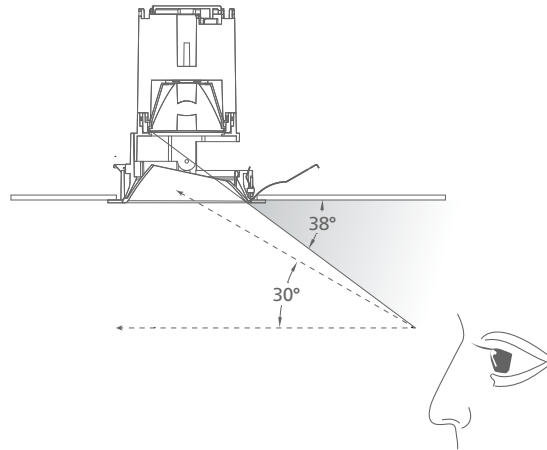
C. Double Polarization Dimmer

⑤ Packing And Shipping Rules

RS378B module and RS378Z front ring are packaged and shipped separately according to the standard. If you need to assemble the whole lamp for shipment, please let us know before placing the order

Anti-Glare Design

The normal attention line of sight range of human eyes is from 30 degree to 60 degree. In this range, dazzling light appears, which is glare. The light emitted by Philips lamps is all controlled within the cut off angle of 30 degree so glare is well controlled.



Naming Rule

Module

RS378B P6/927 PSU-E NB M55

① ② ③ ④ ⑤ ⑥

3: Color Rendering Index
And Color Temperature
927: CRI 90, 2700K 930:
CRI 90, 3000K 940: CRI
90, 4000K

4: Drive
PSU: Switch
PSD: DALI Dimming
TNW: adjustable color
temperature (DMX)
DMX: DMX Dimming
PSR: Phase cut silicon
controlled dimming PSR 1
10 V: 1 10V dimming

1: Installation
RS378B:
Module

5: Beam angle
NB: 15 degrees
NB: 24 degrees
NB: 38 degrees
VWB: 50 degrees
(ETO)

2: Power
6W/11W/15W/24W/33W/42W

6: Matching connection dimensions
of module and front ring
043/Ø55/070/087/0102

Front Ring

RS378Z M55 D78 R-R AJ (D) (PH) (WP)(TL)

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

3: Hole cutting size
~55/~78/~90/~100/~125/~150

4: Outer ring
inner ring
R: Round
U: U shape
S: Square

1: Installation
RS378Z: Front
ring

5: Adjustment
FX: Fixed
AJ: Adjustable
Angle

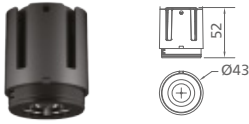
2: Matching connection
dimensions of module
and front ring
043/Ø55/070/087/0102

6: Deep Recess
7: Pin Hole
8: Water proof
9: Trim less

Modular Design

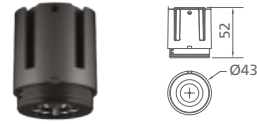
P6 M43 Module

RS378B P6 M43
(6W)



P6 M43 Module

RS378B P6 M43
(6W)



P6 M43 Front Ring

911401547571
RS378Z M43 D55 R-R AJ D

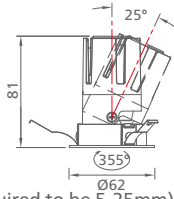


Ø62*38mm
Hole Size Ø55mm

P6 M43 Finished Product and Dimension Drawing



(The ceiling thickness is required to be 5-25mm)



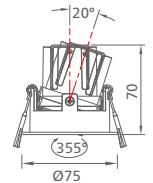
P6 M43 Front Ring

911401547971
RS378Z M43 D65 R-R AJ



Ø75*37mm
Hole Size Ø65mm

P6 M43 Finished Product and Dimension Drawing



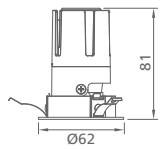
911401547671
RS378Z M43 D55 R-R FX D



Ø62*38mm
Hole Size Ø55mm



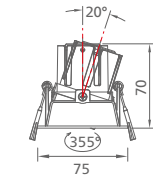
(The ceiling thickness is required to be 5-25mm)



911401548071
RS378Z M43 D65 S-R AJ



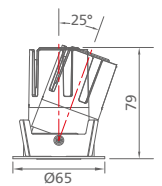
75*75*37mm
Hole Size 65*65mm



911401547771
RS378Z M43 D55 R-R AJ



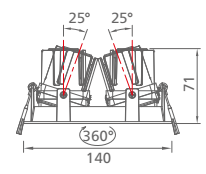
Ø65*38mm
Hole Size Ø55mm



911401548171
RS378Z M43 D130X65 S-2RAJ



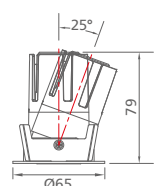
140*75*37mm
Hole Size 130*65mm



911401547871
RS378Z M43 D55 R-U AJ



Ø65*38mm
Hole Size Ø55mm



Modular Design

P6/P11 M55 Module		P15 M55 Module	
RS378B P6/P11 M55 (6W/11W)		RS378B P15 M55 (15W)	
M55 Front Ring	P6/P11 M55 Finished Product And Dimension Drawing	P15 M55 Finished Product And Dimension Drawing	
911401721702 RS378Z M55 D78 R-R AJ D Ø85*52mm Hole Size \varnothing 75mm			
911401721712 RS378Z M55 D78 R-R FX D Ø85*42mm Hole Size \varnothing 75mm			
911401548571 RS378Z M55 D78 R-RAJ D TL Ø75*52mm Hole Size \varnothing 76mm			
911401548671 RS378Z M55 D78 R-R FX D TL Ø75*42mm Hole Size \varnothing 76mm			
911401721722 RS378Z M55 D78 S-S AJ D 85*85*51mm Hole Size \square 75*75mm			
911401548771 RS378Z M55 D78 S-S AJ D TL 71*71*51mm Hole Size \square 76*76mm			

Modular Design

Retail & Hospitality

		P6/P11 M55 Module		P15 M55 Module	
		RS378B P6/P11 M55 (6W/11W)		RS378B P15 M55 (15W)	
M55 Front Ring		P6/P11 M55 Finished Product And Dimension Drawing		P15 M55 Finished Product And Dimension Drawing	
911401554971 RS378Z M55 D140X75 S-2S AJ D 155*85*52mm Hole Size 140*75mm (The ceiling thickness is required to be 5-25mm)					
911401721732 RS378Z M55 D92 R-R AJ D Ø102*58mm Hole Size Ø90mm					
911401721742 RS378Z M55 D92 R-R FX D Ø102*50mm Hole Size Ø90mm					
911401548871 RS378Z M55 D92 R-RAJ D TL Ø89*58mm Hole Size Ø90mm					
911401548971 RS378Z M55 D92 R-R FX D TL Ø89*50mm Hole Size Ø90mm					
911401721752 RS378Z M55 D102 R-R AJ D Ø115*62mm Hole Size Ø100mm					

Modular Design

P6/P11 M55 Module		P15 M55 Module	
RS378B P6/P11 M55 (6W/11W)		RS378B P15 M55 (15W)	
M55 Front Ring	P6/P11 M55 Finished Product And Dimension Drawing	P15 M55 Finished Product And Dimension Drawing	
<p>911401721762 RS378Z M55 D102 R-R FX D</p> <p>Ø115*54mm Hole Size Ø100mm</p>	<p>92 Ø115</p>	<p>114 Ø115</p>	
<p>911401549071 RS378Z M55 D102 R-R AJ D TL</p> <p>Ø99*62mm Hole Size Ø100mm</p>	<p>25° 99 Ø99</p>	<p>25° 122 Ø99</p>	
<p>911401549171 RS378Z M55 D102 R-R FX D TL</p> <p>Ø99*54mm Hole Size Ø100mm</p>	<p>91 Ø99</p>	<p>114 Ø99</p>	
<p>911401721772 RS378Z M55 D60 R-R FX</p> <p>Ø68*27mm Hole Size Ø60mm</p>	<p>64 Ø68</p>	<p>87 Ø68</p>	
<p>911401721782 RS378Z M55 D75 R-R FX</p> <p>Ø85*30mm Hole Size Ø75mm</p>	<p>67 Ø85</p>	<p>90 Ø85</p>	
<p>911401721792 RS378Z M55 D75 R-R AJ</p> <p>Ø85*17mm Hole Size Ø75mm</p>	<p>30° 54 Ø85</p>	<p>30° 77 Ø85</p>	

Modular Design

Retail & Hospitality

		P6/P11 M55 Module		P15 M55 Module	
		RS378B P6/P11 M55 (6W/11W)		RS378B P15 M55 (15W)	
M55 Front Ring		P6/P11 M55 Finished Product And Dimension Drawing		P15 M55 Finished Product And Dimension Drawing	
911401721802 RS378Z M55 D85 R-R AJ  Ø96*31mm Hole Size Ø85mm (The ceiling thickness is required to be 5-25mm)					
911401721812 RS378Z M55 D95 R-R AJ  Ø104*35mm Hole Size Ø95mm					
911401721822 RS378Z M55 D95 R-R AJ D  Ø108*49mm Hole Size Ø95mm					
911401721832 RS378Z M55 D75 R-R FX SPH  Ø88*48mm Hole Size Ø75mm					
911401721842 RS378Z M55 D75 R-R FX PH  Ø88*48mm Hole Size Ø75mm					
911401721852 RS378Z M55 D75 R-R FX PH WIP IP54  Ø88*48mm Hole Size Ø75mm					

Modular Design

		P6/P11 M55 Module		P15 M55 Module	
		RS378B P6/P11 M55 (6W/11W)		RS378B P15 M55 (15W)	
M55 Front Ring		P6/P11 M55 Finished Product And Dimension Drawing		P15 M55 Finished Product And Dimension Drawing	
<p>911401721862 RS378Z M55 D75 S-S FX WP</p> <p></p> <p></p> <p>90*90*33mm Hole Size \square 75*75mm</p>					
<p>911401721872 RS378Z M55 D75 R-R AJ PH</p> <p></p> <p>Ø88*48mm Hole Size ϕ 75mm</p>					
<p>911401721882 RS378Z M55 D75 R-U AJ</p> <p></p> <p>Ø88*48mm Hole Size ϕ 75mm</p>					
<p>911401721892 RS378Z M55 D75 S-S FX</p> <p></p> <p>88*88*48mm Hole Size ϕ 75mm</p>					
<p>911401721902 RS378Z M55 D75 S-U AJ</p> <p></p> <p>88*88*48mm Hole Size ϕ 75mm</p>					
<p>911401721912 RS378Z M55 D75 R-R AJ Trim</p> <p></p> <p>Ø88*64mm Hole Size ϕ 75mm</p>					

Modular Design

Retail & Hospitality

		P6/P11 M55 Module		P15 M55 Module	
		RS378B P6/P11 M55 (6W/11W)		RS378B P15 M55 (15W)	
M55 Front Ring		P6/P11 M55 Finished Product And Dimension Drawing		P15 M55 Finished Product And Dimension Drawing	
<p>911401721922 RS378Z M55 D75 R-U AJ Trim</p> <p>Ø88*68mm Hole Size \varnothing75mm</p>					
<p>911401721932 RS378Z M55 D70 R-R AJ</p> <p>Ø82*23mm Hole Size \varnothing70mm</p>					
<p>911401721942 RS378Z M55 D70 S-R AJ</p> <p>82*82*23mm Hole Size \varnothing70mm</p>					
<p>911401721952 RS378Z M55 D90 R-R AJ</p> <p>Ø103*35mm Hole Size \varnothing90mm</p>					
<p>911401721962 RS378Z M55 D90 S-R AJ</p> <p>103*103*35mm Hole Size \varnothing90mm</p>					
<p>911401548271 RS378Z M55 D80 R-R AJ</p> <p>Ø90*37mm Hole Size \varnothing80mm</p>					

Modular Design

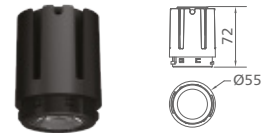
P6/P11 M55 Module

RS378B P6/P11 M55
(6W/11W)



P15 M55 Module

RS378B P15 M55
(15W)

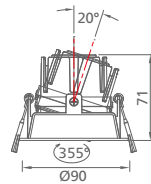


M55 Front Ring

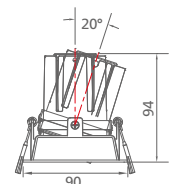
911401548371
RS378Z M55 D80 S-R AJ



90*90*37mm
Hole Size \square 80*80mm



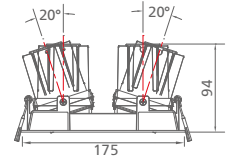
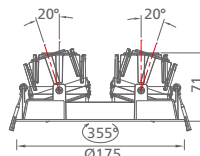
P15 M55 Finished Product And Dimension Drawing



911401548471
RS378Z M55 D165X80 S-2RAJ

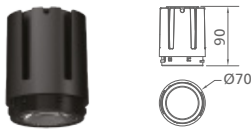


175*90*37mm
Hole Size \square 165*80mm



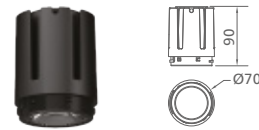
P24 M70 Module

RS378B P24 M70
(24W)



P24 M70 Module

RS378B P24 M70
(24W)

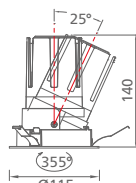


P24 M70 Front Ring

911401721972
RS378Z M70 D100 R-R AJ D



Ø115*64mm
Hole Size $\text{\textcircled{D}}$ 100mm (The ceiling thickness is required to be 5-25mm)

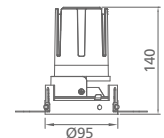


P24 M70 Front Ring

911401549671
RS378Z M70 D100 R-R FX D TL



Ø95*64mm
Hole Size $\text{\textcircled{D}}$ 100mm

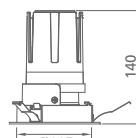


P24 M70 Finished Product And Dimension Drawing

911401721982
RS378Z M70 D100 R-R FX D



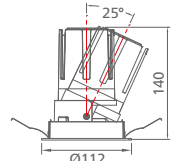
Ø115*64mm
Hole Size $\text{\textcircled{D}}$ 100mm (The ceiling thickness is required to be 5-25mm)



911401721992
RS378Z M70 D100 S-S AJ D



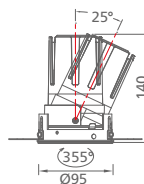
112*112*64mm
Hole Size \square 100*100mm (The ceiling thickness is required to be 5-25mm)



911401549571
RS378Z M70 D100 R-R AJ D TL



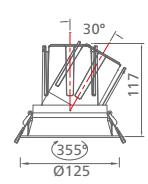
Ø95*64mm
Hole Size $\text{\textcircled{D}}$ 100mm



911401722002
RS378Z M70 D110 R-R AJ



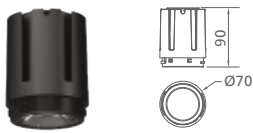
Ø125*41mm
Hole Size $\text{\textcircled{D}}$ 110mm



Modular Design

P24 M70 Module

RS378B P24 M70
(24W)



P33M87 Module

RS378B P33 M87
(33W)

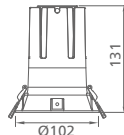


Retail & Hospitality

P24 M70 Front Ring

P24 M70 Finished Product And Dimension Drawing

911401722012
RS378Z M70 D90 R-R FX D

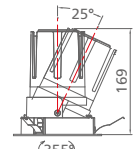


Ø102*55mm
Hole Size Ø90mm

P33 M87 Front Ring

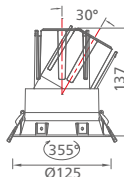
P33 M87 Finished Product And Dimension Drawing

911401722032
RS378Z M87 D125 R-R AJ D



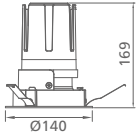
Ø140*78mm
Hole Size Ø125mm (The ceiling thickness is required to be 5-25mm)

911401722022
RS378Z M70 D110 R-R AJ D



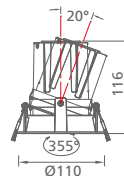
Ø125*61mm
Hole Size Ø110mm

911401722042
RS378Z M87 D125 R-R FX D



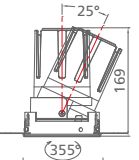
Ø140*78mm
Hole Size Ø125mm (The ceiling thickness is required to be 5-25mm)

911401549271
RS378Z M70 D95 R-R AJ



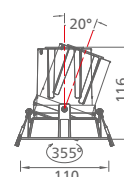
Ø110*45mm
Hole Size Ø95mm

911401549771
RS378Z M87 D125 R-R AJ D TL



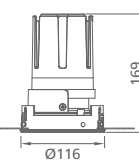
Ø116*78mm
Hole Size Ø122mm

911401549371
RS378Z M70 D95 S-R AJ



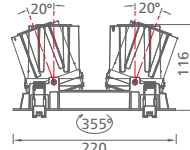
110*110*45mm
Hole Size 95*95mm

9911401549871
RS378Z M87 D125 R-R FX D TL



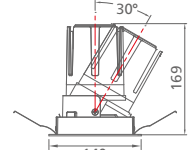
Ø116*78mm
Hole Size Ø122mm

911401549471
RS378Z M70 D205X95 S-2R AJ



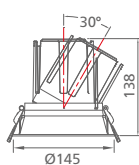
220*110*45mm
Hole Size 205*95mm

911401722052
RS378Z M87 D125 S-S AJ D



140*140*78mm
Hole Size 125*125mm (The ceiling thickness is required to be 5-25mm)

911401722062
RS378Z M87 D130 R-R AJ

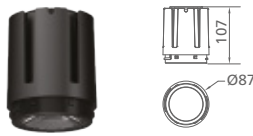


Ø145*47mm
Hole Size Ø130mm

Modular Design

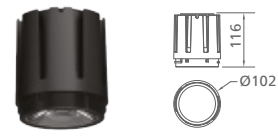
P33 M87 Module

RS378B P33 M87
(33W)



P42 M102 Module

RS378B P42 M102
(42W)



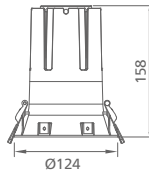
P33 M87 Front Ring

P33 M87 Finished Product And Dimension Drawing

911401722072
RS378Z M87 D110 R-R FX D



Ø124*67mm
Hole Size Ø110mm



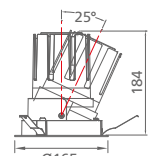
P42 M102 Front Ring

P42 M102 Finished Product And Dimension Drawing

911401722092
RS378Z M102 D150 R-R AJ D



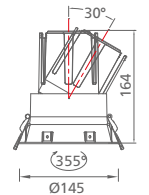
Ø165*86mm
Hole Size Ø150mm (The ceiling thickness is required to be 5-25mm)



911401722082
RS378Z M87 D130 R-R AJ D



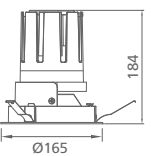
Ø145*73mm
Hole Size Ø130mm



911401722102
RS378Z M102 D150 R-R FX D



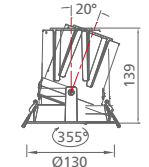
Ø165*86mm
Hole Size Ø150mm (The ceiling thickness is required to be 5-25mm)



911401550171
RS378Z M87 D115 R-R AJ



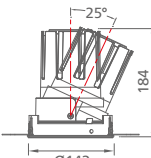
Ø130*53mm
Hole Size Ø115mm



911401549971
RS378Z M102 D150 R-RAJ D TL



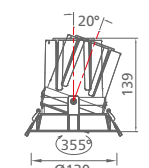
Ø142*86mm
Hole Size Ø148mm



911401550271
RS378Z M87 D115 S-R AJ



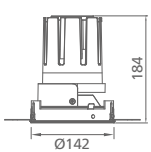
130*130*53mm
Hole Size 115*115mm



911401550071
RS378Z M102 D150 R-R FX D TL



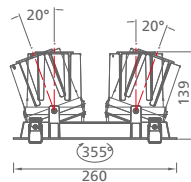
Ø142*86mm
Hole Size Ø148mm



911401550371
RS378Z M87 D245X115 S-2RAJ



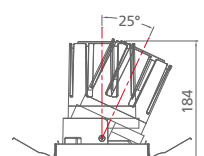
260*130*53mm
Hole Size 1245*115mm



911401722112
RS378Z M102 D150 S-S AJ D



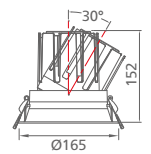
165*165*86mm
Hole Size 150*150mm (The ceiling thickness is required to be 5-25mm)



911401722122
RS378Z M102 D150 R-R AJ



Ø165*54mm
Hole Size Ø150mm



RS378b MR16 Kit And Dimension Drawing

RS378B WW S Wall Washing Design

Finished Product

Dimensional Drawing

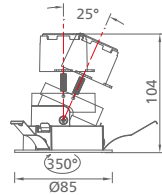
Finished Product (Whole Lamp, Without Matching Module)

Dimensional Drawing

911401720822
RS378B MR16 D78 R-R AJ D



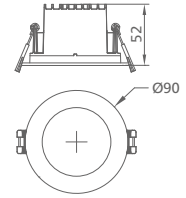
Ø85*104mm
Hole Size Ø75mm



RS378B P11 WW S



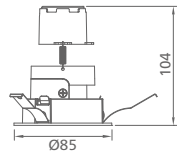
Ø90*52mm
Hole Size Ø65mm



911401720832
RS378B MR16 D78 R-R FX D



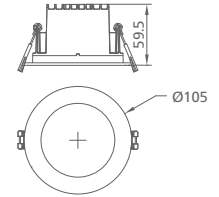
Ø85*104mm
Hole Size Ø75mm



RS378B P15 WW S



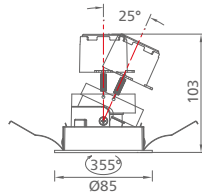
Ø105*59.5mm
Hole Size Ø90mm



911401720842
RS378B MR16 D78 S-S AJ D



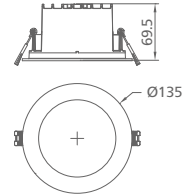
85*85*103mm
Hole Size 75*75mm



RS378B P24 WW S



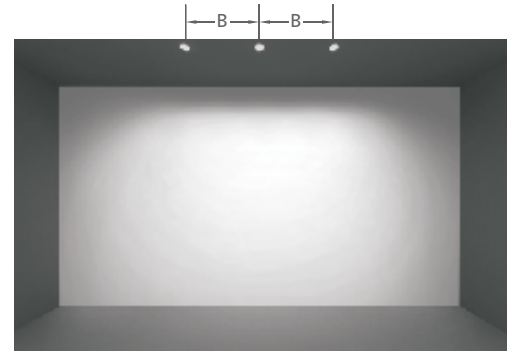
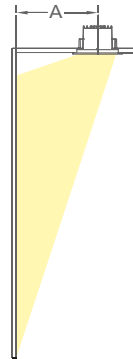
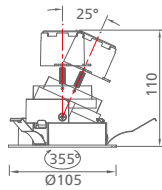
Ø135*69.5mm
Hole Size Ø120mm



911401720852
RS378B MR16 D92 R-R AJ D



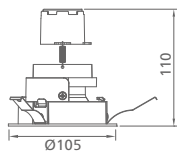
Ø105*110mm
Hole Size Ø90mm



911401720862
RS378B MR16 D92 R-R FX D



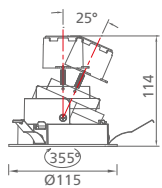
Ø105*110mm
Hole Size Ø90mm



911401720872
RS378B MR16 D102 R-R AJ D



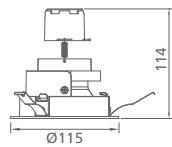
Ø115*114mm
Hole Size Ø100mm



911401720882
RS378B MR16 D102 R-R FX D



Ø115*114mm
Hole Size Ø100mm



Model	Optimal distance from the wall (A)	Optimum distance between lamps (B)
P11 WW S	0.3-0.5m	0.4-0.8m
P15 WW S	0.3-0.6m	0.5-1.0m
P24 WW S	0.3-0.8m	0.6-1.2m

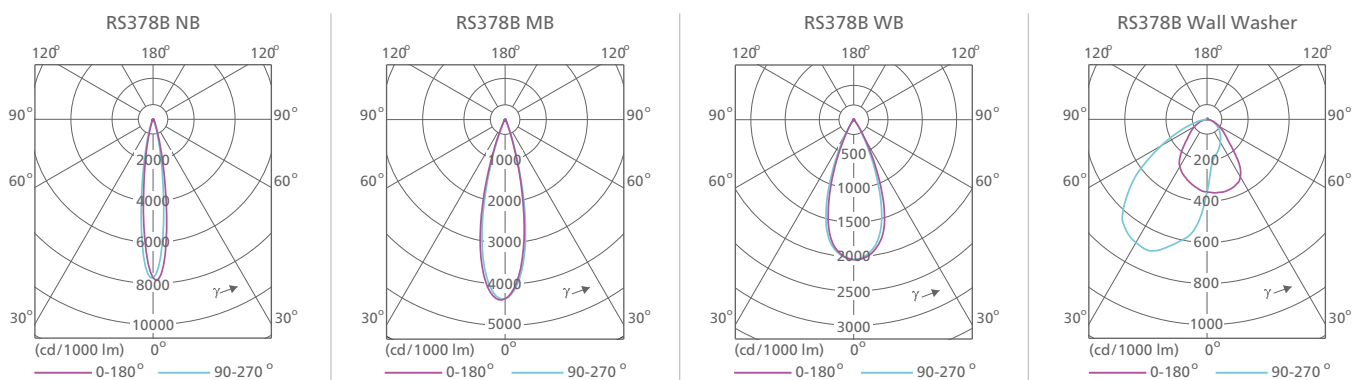
Retail & Hospitality

RS378B/RS378B Technical Parameters

Power	6W	6W	11W	15W	24W
Lumens (±10%)	468±10% lm	468±10% lm	1012±10% lm	1410±10% lm	1992±10% lm
Beam Angle	20°/35°/50° (±3°)	15°/24°/32°/50° (±3°)	15°/30°/40°/50° (±3°)	15°/30°/40°/50° (±3°)	18°/30°/40°/50° (±3°)
Color Temperature	2700K/3000K/4000K				
Color Rendering Index	CRI≥90				
Color Tolerance	SDCM≤3				
Size	Ø43xH52mm	Ø55xH49mm	Ø55xH49mm	Ø55xH72mm	Ø70xH90mm
Input Voltage	220-240VAC, 50/60Hz				
Power Factor	≥0.9				
Dimming	On off/Dali/DMX/Traic		On off/Dali/DMX/Traic	On off/Dali/DMX/1-10V/Traic	On off/Dali
Net Weight Of Single Product(Kg/PCE)	0.14/0.22/0.23/0.15	0.17/0.25/0.27/0.19	0.19/0.25/0.27/0.22	0.26/0.31/0.34/0.3/0.29	0.47/0.6
Packing Quantity Of Outer Box(PCE/box)	48/36/36/48	48/36/36/48	48/36/36/48	48/36/36/48/48	36/24
Protection Grade	IP20				

Power	33W	42W	11W(TNW)	15W(TNW)	20W(TNW)
Lumens (typ PSU 930@MB) (±10%)	2730±10% lm	3990±10% lm	620±10% lm	845.5±10% lm	1300±10% lm
Beam Angle	15°/24°/40°/50° (±3°)	18°/24°/32°/50° (±3°)	15°/30°/40°/50° (±3°)	15°/30°/40°/50° (±3°)	18°/30°/40°/50° (±3°)
Color Temperature	2700K/3000K/4000K	2700K/3000K/4000K	2700K-6300K	2700K-6300K	2700K-6300K
Color Rendering Index	CRI≥90				
Color Tolerance	SDCM≤3				
Size	Ø87xH107mm	Ø102xH116mm	Ø55xH49mm	Ø55xH72mm	Ø70xH90mm
Input Voltage	220-240VAC, 50/60Hz				
Power Factor	≥0.9				
Dimming	On off/Dali	On off/Dali	DMX	DMX	DMX
Net Weight Of Single Product(Kg/PCE)	0.7/0.85	0.94/1.07	0.27	0.34	0.53
Packing Quantity Of Outer Box(PCE/box)	8/12	12/9	36	36	18
Protection Grade	IP20				

RS378B Light Distribution Curve



Note: Please refer to the product manual for specific light distribution

RS378B Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Retail & Hospitality

Product Model	Lamp Lengthx WidthxHeight	PF	IP Grade	Power Product	Product Model	Lamp Lengthx WidthxHeight	PF	IP Grade	Power Product
RS378B series PSU					RS378B Series PSU				
RS378B P6 927 PSU-E NB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P24 927 PSU-E WB M70	Ø70x90mm	0.90	IP20	24W(1x21W/LED Module)
RS378B P6 927 PSU-E MB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P24 930 PSU-E WB M70	Ø70x90mm	0.90	IP20	24W(1x21W/LED Module)
RS378B P6 927 PSU-E WB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P24 940 PSU-E WB M70	Ø70x90mm	0.90	IP20	24W(1x21W/LED Module)
RS378B P6 930 PSU-E NB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P33 927 PSU-E NB M87	Ø87x107mm	0.90	IP20	33W(1x29W/LED Module)
RS378B P6 930 PSU-E MB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P33 930 PSU-E NB M87	Ø87x107mm	0.90	IP20	33W(1x29W/LED Module)
RS378B P6 930 PSU-E WB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P33 940 PSU-E NB M87	Ø87x107mm	0.90	IP20	33W(1x29W/LED Module)
RS378B P6 940 PSU-E NB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P33 927 PSU-E MB M87	Ø87x107mm	0.90	IP20	33W(1x29W/LED Module)
RS378B P6 940 PSU-E MB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P33 930 PSU-E MB M87	Ø87x107mm	0.90	IP20	33W(1x29W/LED Module)
RS378B P6 940 PSU-E WB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P33 940 PSU-E MB M87	Ø87x107mm	0.90	IP20	33W(1x29W/LED Module)
RS378B P6 927 PSU-E NB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P33 927 PSU-E WB M87	Ø87x107mm	0.90	IP20	33W(1x29W/LED Module)
RS378B P6 930 PSU-E NB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P33 930 PSU-E WB M87	Ø87x107mm	0.90	IP20	33W(1x29W/LED Module)
RS378B P6 940 PSU-E NB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P33 940 PSU-E WB M87	Ø87x107mm	0.90	IP20	33W(1x29W/LED Module)
RS378B P6 927 PSU-E MB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P42 927 PSU-E NB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)
RS378B P6 930 PSU-E MB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P42 930 PSU-E NB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)
RS378B P6 940 PSU-E MB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P42 940 PSU-E NB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)
RS378B P6 927 PSU-E WB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P42 927 PSU-E MB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)
RS378B P6 930 PSU-E WB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P42 930 PSU-E MB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)
RS378B P6 940 PSU-E WB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P42 940 PSU-E MB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)
RS378B P11 927 PSU-E NB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B P42 927 PSU-E WB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)
RS378B P11 930 PSU-E NB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B P42 930 PSU-E WB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)
RS378B P11 940 PSU-E NB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B P42 940 PSU-E WB M	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)
RS378B P11 927 PSU-E MB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B Series PSR				
RS378B P11 930 PSU-E MB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B P6 927 PSR-E NB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)
RS378B P11 940 PSU-E MB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B P6 927 PSR-E MB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)
RS378B P11 927 PSU-E WB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B P6 927 PSR-E WB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)
RS378B P11 930 PSU-E WB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B P6 930 PSR-E NB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)
RS378B P11 940 PSU-E WB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B P6 930 PSR-E MB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)
RS378B P15 927 PSU-E NB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P6 930 PSR-E WB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)
RS378B P15 930 PSU-E NB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P6 940 PSR-E NB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)
RS378B P15 940 PSU-E NB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P6 940 PSR-E MB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)
RS378B P15 927 PSU-E MB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P6 940 PSR-E WB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)
RS378B P15 930 PSU-E MB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P6 927 PSR-E NB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)
RS378B P15 940 PSU-E MB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P6 930 PSR-E NB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)
RS378B P15 927 PSU-E WB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P6 940 PSR-E NB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)
RS378B P15 930 PSU-E WB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P6 927 PSR-E MB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)
RS378B P15 940 PSU-E WB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P6 930 PSR-E MB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)
RS378B P24 927 PSU-E NB M70	Ø70x90mm	0.90	IP20	24W(1x21W/LED Module)	RS378B P6 940 PSR-E MB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)
RS378B P24 930 PSU-E NB M70	Ø70x90mm	0.90	IP20	24W(1x21W/LED Module)	RS378B P6 927 PSR-E WB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)
RS378B P24 940 PSU-E NB M70	Ø70x90mm	0.90	IP20	24W(1x21W/LED Module)	RS378B P6 930 PSR-E WB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)
RS378B P24 927 PSU-E MB M70	Ø70x90mm	0.90	IP20	24W(1x21W/LED Module)	RS378B P6 940 PSR-E WB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)
RS378B P24 930 PSU-E MB M70	Ø70x90mm	0.90	IP20	24W(1x21W/LED Module)	RS378B P11 927 PSR-E NB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)
RS378B P24 940 PSU-E MB M70	Ø70x90mm	0.90	IP20	24W(1x21W/LED Module)	RS378B P11 930 PSR-E NB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)

RS378B Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Lamp Length× Width×Height	PF	IP Grade	Power Product	Product Model	Lamp Length× Width×Height	PF	IP Grade	Power Product
RS378B Series PSR RS378B					RS378B Series PSD				
RS378B P11 940 PSR-E NB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B P6 927 PSD-E NB M55	Ø55x49mm	0.83	IP20	6W(1x5W/LED Module)
RS378B P11 927 PSR-E MB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B P6 927 PSD-E MB M55	Ø55x49mm	0.83	IP20	6W(1x5W/LED Module)
RS378B P11 930 PSR-E MB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B P6 927 PSD-E WB M55	Ø55x49mm	0.83	IP20	6W(1x5W/LED Module)
RS378B P11 940 PSR-E MB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B P6 930 PSD-E NB M55	Ø55x49mm	0.83	IP20	6W(1x5W/LED Module)
RS378B P11 927 PSR-E WB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B P6 930 PSD-E MB M55	Ø55x49mm	0.83	IP20	6W(1x5W/LED Module)
RS378B P11 930 PSR-E WB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B P6 930 PSD-E WB M55	Ø55x49mm	0.83	IP20	6W(1x5W/LED Module)
RS378B P11 940 PSR-E WB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B P6 940 PSD-E NB M55	Ø55x49mm	0.83	IP20	6W(1x5W/LED Module)
RS378B P15 927 PSR-E NB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P6 940 PSD-E MB M55	Ø55x49mm	0.83	IP20	6W(1x5W/LED Module)
RS378B P15 930 PSR-E NB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P6 940 PSD-E WB M55	Ø55x49mm	0.83	IP20	6W(1x5W/LED Module)
RS378B P15 940 PSR-E NB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P11 927 PSD-E NB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)
RS378B P15 927 PSR-E MB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P11 927 PSD-E MB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)
RS378B P15 930 PSR-E MB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P11 927 PSD-E WB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)
RS378B P15 940 PSR-E MB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P11 930 PSD-E NB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)
RS378B P15 927 PSR-E WB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P11 930 PSD-E MB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)
RS378B P15 930 PSR-E WB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P11 930 PSD-E WB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)
RS378B P15 940 PSR-E WB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P11 940 PSD-E NB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)
RS378B Series PSR 1 10V					RS378B P11 940 PSD-E MB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)
RS378B P15 927 PSR-E 1-10V NB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P11 940 PSD-E WB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)
RS378B P15 927 PSR-E 1-10V MB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P15 927 PSD-E NB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P15 927 PSR-E 1-10V WB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P15 927 PSD-E MB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P15 930 PSR-E 1-10V NB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P15 927 PSD-E WB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P15 930 PSR-E 1-10V MB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P15 930 PSD-E NB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P15 930 PSR-E 1-10V WB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P15 930 PSD-E MB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P15 940 PSR-E 1-10V NB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P15 930 PSD-E WB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P15 940 PSR-E 1-10V MB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P15 940 PSD-E NB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P15 940 PSR-E 1-10V WB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P15 940 PSD-E MB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)
RS378B Series PSD					RS378B P15 940 PSD-E WB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P6 927 PSD-E NB M43	Ø43x52mm	0.83	IP20	6W(1x5W/LED Module)	RS378B P24 927 PSD-E NB M70	Ø70x90mm	0.90	IP20	24W(1x21W/LED Module)
RS378B P6 927 PSD-E MB M43	Ø43x52mm	0.83	IP20	6W(1x5W/LED Module)	RS378B P24 927 PSD-E MB M70	Ø70x90mm	0.90	IP20	24W(1x21W/LED Module)
RS378B P6 927 PSD-E WB M43	Ø43x52mm	0.83	IP20	6W(1x5W/LED Module)	RS378B P24 927 PSD-E WB M70	Ø70x90mm	0.90	IP20	24W(1x21W/LED Module)
RS378B P6 930 PSD-E NB M43	Ø43x52mm	0.83	IP20	6W(1x5W/LED Module)	RS378B P24 930 PSD-E NB M70	Ø70x90mm	0.90	IP20	24W(1x21W/LED Module)
RS378B P6 930 PSD-E MB M43	Ø43x52mm	0.83	IP20	6W(1x5W/LED Module)	RS378B P24 930 PSD-E MB M70	Ø70x90mm	0.90	IP20	24W(1x21W/LED Module)
RS378B P6 930 PSD-E WB M43	Ø43x52mm	0.83	IP20	6W(1x5W/LED Module)	RS378B P24 930 PSD-E WB M70	Ø70x90mm	0.90	IP20	24W(1x21W/LED Module)
RS378B P6 940 PSD-E NB M43	Ø43x52mm	0.83	IP20	6W(1x5W/LED Module)	RS378B P33 940 PSD-E NB M87	Ø87x107mm	0.90	IP20	33W(1x29W/LED Module)
RS378B P6 940 PSD-E MB M43	Ø43x52mm	0.83	IP20	6W(1x5W/LED Module)	RS378B P33 940 PSD-E MB M87	Ø87x107mm	0.90	IP20	33W(1x29W/LED Module)
RS378B P6 940 PSD-E WB M43	Ø43x52mm	0.83	IP20	6W(1x5W/LED Module)	RS378B P33 940 PSD-E WB M87	Ø87x107mm	0.90	IP20	33W(1x29W/LED Module)
RS378B P6 930 PSD-E NB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)	RS378B P42 927 PSD-E NB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)
RS378B P6 930 PSD-E MB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)	RS378B P42 927 PSD-E MB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)
RS378B P6 930 PSD-E WB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)	RS378B P42 927 PSD-E WB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)
RS378B P6 940 PSD-E NB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)	RS378B P42 930 PSD-E NB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)
RS378B P6 940 PSD-E MB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)	RS378B P42 930 PSD-E MB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)
RS378B P6 940 PSD-E WB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)	RS378B P42 930 PSD-E WB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)

Retail & Hospitality

RS378B Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Retail & Hospitality

Product Model	Lamp Length× Width×Height	PF	IP Grade	Power Product	Product Model	Lamp Length× Width×Height	PF	IP Grade	Power Product
RS378B Series PSD RS378B					RS378B Series DMX				
RS378B P42 940 PSD-E NB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)	RS378B P15 927 DMX-E MB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P42 940 PSD-E MB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)	RS378B P15 927 DMX-E WB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P42 940 PSD-E WB M102	Ø102x116mm	0.90	IP20	42W(1x37W/LED Module)	RS378B P15 930 DMX-E NB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)
RS378B Series TNW RS378B					RS378B P15 930 DMX-E MB M55				
RS378B P11 TNW DMX-E NB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B P15 930 DMX-E WB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P11 TNW DMX-E MB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B P15 940 DMX-E NB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P11 TNW DMX-E WB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)	RS378B P15 940 DMX-E MB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P15 TNW DMX-E NB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P15 940 DMX-E WB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P15 TNW DMX-E MB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B WW S Series PSU Non-Dimming				
RS378B P15 TNW DMX-E WB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)	RS378B P11 927 PSU-E WW S	Ø78xH52mm	0.90	IP20	11W(1x9W/LED Module)
RS378B P20 TNW DMX-E NB M70	Ø70x90mm	0.90	IP20	24W(1x21W/LED Module)	RS378B P11 930 PSU-E WW S	Ø78xH52mm	0.90	IP20	11W(1x9W/LED Module)
RS378B P20 TNW DMX-E MB M70	Ø70x90mm	0.90	IP20	24W(1x21W/LED Module)	RS378B P11 940 PSU-E WW S	Ø78xH52mm	0.90	IP20	11W(1x9W/LED Module)
RS378B P20 TNW DMX-E WB M70	Ø70x90mm	0.90	IP20	24W(1x21W/LED Module)	RS378B P15 927 PSU-E WW S	Ø105xH59.5mm	0.90	IP20	15W(1x13W/LED Module)
RS378B Series DMX					RS378B P15 930 PSU-E WW S				
RS378B P6 927 DMX-E NB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P15 940 PSU-E WW S	Ø105xH59.5mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P6 927 DMX-E MB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P24 927 PSU-E WW S	Ø135xH69.5mm	0.90	IP20	24W(1x21W/LED Module)
RS378B P6 927 DMX-E WB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P24 930 PSU-E WW S	Ø135xH69.5mm	0.90	IP20	24W(1x21W/LED Module)
RS378B P6 930 DMX-E NB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P24 940 PSU-E WW S	Ø135xH69.5mm	0.90	IP20	24W(1x21W/LED Module)
RS378B P6 930 DMX-E MB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)	RS378B WW S Series PSD DALI Dimming				
RS378B P6 930 DMX-E WB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P11 927 PSD-E WW S	Ø78xH52mm	0.90	IP20	11W(1x9W/LED Module)
RS378B P6 940 DMX-E NB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P11 930 PSD-E WW S	Ø78xH52mm	0.90	IP20	11W(1x9W/LED Module)
RS378B P6 940 DMX-E MB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P11 940 PSD-E WW S	Ø78xH52mm	0.90	IP20	11W(1x9W/LED Module)
RS378B P6 940 DMX-E WB M43	Ø43x52mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P15 927 PSD-E WW S	Ø105xH59.5mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P6 927 DMX-E NB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P15 930 PSD-E WW S	Ø105xH59.5mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P6 927 DMX-E MB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P15 940 PSD-E WW S	Ø105xH59.5mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P6 927 DMX-E WB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P24 927 PSD-E WW S	Ø135xH69.5mm	0.90	IP20	24W(1x21W/LED Module)
RS378B P6 930 DMX-E NB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P24 930 PSD-E WW S	Ø135xH69.5mm	0.90	IP20	24W(1x21W/LED Module)
RS378B P6 930 DMX-E MB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P24 940 PSD-E WW S	Ø135xH69.5mm	0.90	IP20	24W(1x21W/LED Module)
RS378B P6 930 DMX-E WB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)	RS378B WW S Series PSR 1 10V 0/1 10V Dimming				
RS378B P6 940 DMX-E NB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P15 927 PSR-E 1-10V WW S	Ø105xH59.5mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P6 940 DMX-E MB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P15 930 PSR-E 1-10V WW S	Ø105xH59.5mm	0.90	IP20	15W(1x13W/LED Module)
RS378B P6 940 DMX-E WB M55	Ø55x49mm	0.90	IP20	6W(1x5W/LED Module)	RS378B P15 940 PSR-E 1-10V WW S	Ø105xH59.5mm	0.9	IP20	15W(1x13W/LED Module)
RS378B P11 927 DMX-E NB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)					
RS378B P11 927 DMX-E MB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)					
RS378B P11 927 DMX-E WB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)					
RS378B P11 930 DMX-E NB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)					
RS378B P11 930 DMX-E MB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)					
RS378B P11 930 DMX-E WB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)					
RS378B P11 940 DMX-E NB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)					
RS378B P11 940 DMX-E MB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)					
RS378B P11 940 DMX-E WB M55	Ø55x49mm	0.90	IP20	11W(1x9W/LED Module)					
RS378B P15 927 DMX-E NB M55	Ø55x72mm	0.90	IP20	15W(1x13W/LED Module)					

RS378B MR16 Empty Package Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Lamp Lengthx WidthxHeight	Net Weight of Single Product(Kg/PCE)	Packing Quantity of Outer Box(PCE/Box)	IP Grade	Power
RS378B MR16 D78 R-R AJ D	Ø85x104mm	0.14	36	IP20	Max. 10W LED MR16
RS378B MR16 D78 R-R FX D	Ø85x104mm	0.17	36	IP20	Max. 10W LED MR16
RS378B MR16 D78 S-S AJ D	85x85x104mm	0.15	36	IP20	Max. 10W LED MR16
RS378B MR16 D92 R-R AJ D	Ø105x110mm	0.18	36	IP20	Max. 10W LED MR16
RS378B MR16 D92 R-R FX D	Ø105x110mm	0.21	36	IP20	Max. 10W LED MR16
RS378B MR16 D102 R-R AJ D	Ø115x114mm	0.21	24	IP20	Max. 10W LED MR16
RS378B MR16 D102 R-R FX D	Ø115x114mm	0.25	24	IP20	Max. 10W LED MR16

RS378Z Front Ring Light Distribution Efficiency X Rs378b Module Luminous Flux = Whole Lamp Luminous Flux (±10%)

Product Model	Lamp Lengthx WidthxHeight	Net Weight of Single Product(Kg/PCE)	Packing Quantity of Outer Box(PCE/Box)	IP Grade	RS378Z Lighting Distribution Efficiency
RS378Z M43 Front Ring					
RS378Z M43 D55 R-R AJ D	Ø63x39mm	0.05	100	IP20	75%
RS378Z M43 D55 R-R FX D	Ø63x39mm	0.05	100	IP20	75%
RS378Z M43 D55 R-R AJ	Ø65x38mm	0.06	100	IP20	65%
RS378Z M43 D55 R-U AJ	Ø65x38mm	0.06	100	IP20	65%
RS378Z M43 D65 R-R AJ	Ø75x37mm	0.08	48	IP20	85%
RS378Z M43 D65 S-R AJ	75x75x37mm	0.08	48	IP20	85%
RS378Z M43 D130X65 S-2R AJ	140x75x37mm	0.18	64	IP20	85%
RS378Z M55 Front Ring					
RS378Z M55 D75 R-R AJ D	Ø85x52mm	0.10	48	IP20	75%
RS378Z M55 D75 R-R FX D	Ø85x42mm	0.10	48	IP20	75%
RS378Z M55 D75 S-S AJ D	85x85x52mm	0.11	48	IP20	75%
RS378Z M55 D90 R-R AJ D	Ø105x58mm	0.14	36	IP20	75%
RS378Z M55 D90 R-R FX D	Ø105x48mm	0.14	36	IP20	75%
RS378Z M55 D100A R-R AJ D	Ø115x62mm	0.17	36	IP20	75%
RS378Z M55 D100 R-R FX D	Ø115x52mm	0.17	36	IP20	75%
RS378Z M55 D60 R-R FX	Ø68x27mm	0.04	48	IP20	95%
RS378Z M55 D75 R-R FX	Ø85x30mm	0.07	96	IP20	95%
RS378Z M55 D75 R-R AJ	Ø85x17mm	0.07	48	IP20	95%
RS378Z M55 D85 R-R AJ	Ø96x31mm	0.12	48	IP20	75%
RS378Z M55 D95 R-R AJ	Ø104x35mm	0.14	48	IP20	75%
RS378Z M55 D95 R-R AJ D	Ø108x49mm	0.15	36	IP20	70%
RS378Z M55 D75 R-R FX SPH	Ø88x48mm	0.12	48	IP20	65%
RS378Z M55 D75 R-R FX PH	Ø88x48mm	0.12	48	IP20	70%
RS378Z M55 D75 R-R FX PH WP	Ø88x48mm	0.13	48	IP54	60%
RS378Z M55 D75 S-S FX WP	88x88x48mm	0.14	48	IP54	60%
RS378Z M55 D75 R-R AJ PH	Ø88x48mm	0.11	48	IP20	70%
RS378Z M55 D75 R-U AJ	Ø88x48mm	0.11	48	IP20	65%
RS378Z M55 D75 S-S FX	88x88x48mm	0.14	48	IP20	65%
RS378Z M55 D75 S-U AJ	88x88x48mm	0.14	48	IP20	65%
RS378Z M55 D75 R-R AJ Trim	Ø88x64mm	0.15	36	IP20	65%
RS378Z M55 D75 R-U AJ Trim	Ø88x68mm	0.16	36	IP20	60%
RS378Z M55 D70 R-R AJ	Ø82x23mm	0.08	48	IP20	75%
RS378Z M55 D70 S-R AJ	83x83x23mm	0.08	48	IP20	75%
RS378Z M55 D90 R-R AJ	Ø103x35mm	0.15	36	IP20	90%

RS378B Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Lamp Lengthx WidthxHeight	Net Weight of Single Product(Kg/PCE)	Packing Quantity of Outer Box(PCE/Box)	IP Grade	RS378Z Lighting Distribution Efficiency
RS378Z M55 Front Ring					
RS378Z M55 D90 S-R AJ	103x103x35mm	0.16	36	IP20	90%
RS378Z M55 D80 R-R AJ	Ø90x37mm	0.11	48	IP20	85%
RS378Z M55 D80 S-R AJ	90x90x37mm	0.12	48	IP20	85%
RS378Z M55 D165X80 S-2R AJ	175x90x37mm	0.21	56	IP20	85%
RS378Z M55 D140X75 S-2S AJ D	154.5x85x52mm	0.20	36	IP20	75%
RS378Z M55 D78 R-R AJ D TL	Ø71x52mm	0.10	36	IP20	75%
RS378Z M55 D78 R-R FX D TL	Ø71x42mm	0.10	36	IP20	70%
RS378Z M55 D78 S-S AJ D TL	71x71x52mm	0.12	36	IP20	70%
RS378Z M55 D92 R-R AJ D TL	Ø85x58mm	0.15	36	IP20	75%
RS378Z M55 D92 R-R FX D TL	Ø85x48mm	0.15	36	IP20	70%
RS378Z M55 D102 R-R AJ D TL	Ø95x62mm	0.18	36	IP20	75%
RS378Z M55 D102 R-R FX D TL	Ø95x52mm	0.18	36	IP20	70%
RS378Z M70 Front Ring					
RS378Z M70 D110 R-R AJ	Ø125x41mm	0.22	36	IP20	75%
RS378Z M70 D90 R-R FX	Ø102x55mm	0.13	36	IP20	70%
RS378Z M70 D110 R-R AJ D	Ø125x61mm	0.24	24	IP20	70%
RS378Z M70 D95 R-R AJ	Ø110x45mm	0.15	36	IP20	85%
RS378Z M70 D95 S-R AJ	110x110x45mm	0.17	36	IP20	85%
RS378Z M70 D205X95 S-2R AJ	220x110x45mm	0.32	40	IP20	85%
RS378Z M70 D100 R-R AJ D	Ø115x64mm	0.19	36	IP20	75%
RS378Z M70 D100 R-R FX D	Ø115x64mm	0.19	36	IP20	70%
RS378Z M70 D100 S-S AJ D	112x112x64mm	0.19	36	IP20	70%
RS378Z M70 D100 R-R AJ D TL	Ø95x64mm	0.22	36	IP20	75%
RS378Z M70 D100 R-R FX D TL	Ø95x64mm	0.22	36	IP20	70%
RS378Z M87 Front Ring					
RS378Z M87 D130 R-R AJ	Ø145x47mm	0.32	24	IP20	75%
RS378Z M87 D110 R-R FX	Ø124x67mm	0.22	18	IP20	70%
RS378Z M87 D130 R-R AJ	Ø145x73mm	0.37	48	IP20	70%
RS378Z M102 D150 R-R AJ	Ø165x54mm	0.43	36	IP20	75%
RS378Z M87 D115 R-R AJ	Ø130x53mm	0.23	72	IP20	85%
RS378Z M87 D115 S-R AJ	130x130x53mm	0.27	45	IP20	85%
RS378Z M87 D245X115 S-2R AJ	260x130x53mm	0.51	20	IP20	85%
RS378Z M87 D125 R-R AJ D	Ø140x78mm	0.32	24	IP20	75%
RS378Z M87 D125 R-R FX D	Ø140x78mm	0.32	24	IP20	70%
RS378Z M87 D125 S-S AJ D	140x140x78mm	0.39	24	IP20	70%
RS378Z M87 D125 R-R AJ D TL	Ø116x78mm	0.33	18	IP20	75%
RS378Z M87 D125 R-R FX D TL	Ø116x78mm	0.33	18	IP20	70%
RS378Z M102 Front Ring					
RS378Z M102 D150 R-R AJ D	Ø165x86mm	0.44	36	IP20	75%
RS378Z M102 D150 R-R FX D	Ø165x86mm	0.44	36	IP20	70%
RS378Z M102 D150 S-S AJ D	165x165x86mm	0.51	36	IP20	70%
RS378Z M102 D150 R-R AJ D TL	Ø142x86mm	0.45	18	IP20	75%
RS378Z M102 D150 R-R FX D TL	Ø142x86mm	0.45	18	IP20	70%

True Fashion Recessed Spotlight RS700B/GD700B



PHILIPS



LED Spotlight with Stylish Optical Elements

True Fashion Embedded Spotlight adopt fashionable optical elements and LED light formulations to achieve miniaturized design with high lighting quality, in line with new commercial design concepts and applications. Each LED light formulation selection has been specifically developed to accentuate the appearance of the item. With LED light formula selection, we can ensure that our products stand out from the crowd to attract shoppers.

Product features

High Lighting Quality

The miniaturized design with high illumination quality is achieved through fashionable optical elements and LED light formulations.

Optimized Contrast

With the Philips FPO lens, the high center beam intensity produces a high contrast ratio that optimizes the original contrast ratio in the store, creating a professional experience to attract shoppers.

Scene Management

Beautiful and dynamic lighting is essential to a memorable shopping experience. Zoning, dimming and highlighting promotions with Dali controls to create a more attractive shopping experience.

Round Head

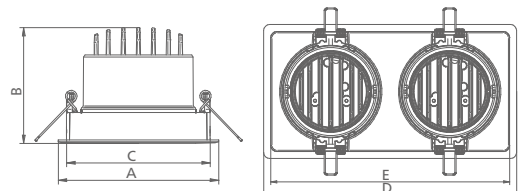
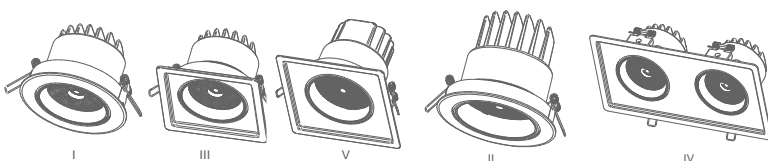


Square Head



Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	Hole Cutting Size(mm)
RS700B LED10/LED20	Ø96	70	Ø86	-	-	Ø90±1
RS700B LED30/LED40	Ø111	100	Ø101	-	-	Ø105±1
GD700B 1xLED10/1xLED20	100	75	88	100	88	Length92±1, Width92±1
GD700B LED30/LED40	131	105	118	131	118	Length122±1, Width122±1
GD700B 2xLED10/2xLED20	115	75	103	217	205	Length209±1, Width107±1

RS700B & GD700B



Main Applications

- Fashion Retail
- Fresh Food Supermarket
- Departmental Store



Retail & Hospitality

Technical Parameters

Product Model	1000lm	2000lm	3000lm	4000lm
Lumen (830@ Extremely Narrow Beam) (±10%)	875lm	1539lm	2980lm	N/A
Lumen (830@ Narrow Beam) (±10%)	942lm	2013lm	3487lm	3827lm
Lumen (830@ Medium Beam) (±10%)	942lm	2013lm	3444lm	4424lm
Lumen (830@ Wide Beam) (±10%)	886lm	1894lm	3402lm	4256lm
Wattage (±10%) Extremely narrow beam	8.4W	17.3W	33.6W	N/A
Narrow beam	8.2W	21.2W	31.2W	35.0W
Medium beam	8.2W	21.2W	31.2W	40.3W
Wide beam	8.2W	21.2W	31.2W	40.3W
Beam Angle Extremely Narrow Beam	11°±2	11°±2	13°±2	N/A
Narrow Beam	15°±2	15°±2	19°±2	19°±2
Medium Beam	24°±2	24°±2	23°±2	24°±2
Wide Beam	30°±2	30°±2	33°±2	34°±2
CCT/Light Formulation	3000K/4000K, STD/PW/PC/Food			
Color Rendering Index	80/90			
Color Tolerance	SDCM≤3			
Tilt Angle	0°~30°			
Voltage	AC 220~240V, 50/60Hz			
Power Factor	0.9			
Drive	PSU/Dali VLC for 3000lm			
Protection Grade	IP20			
Classification	Class II			
Lifetime	50,000 Hours @ L70B50@Ta25°C			
Operating Temperature	-15°C~35°C			
Installation	Recessed & Grid Version			
Certification	CCC/CB/CE			
Body Color	White 9003 / Black 9011			

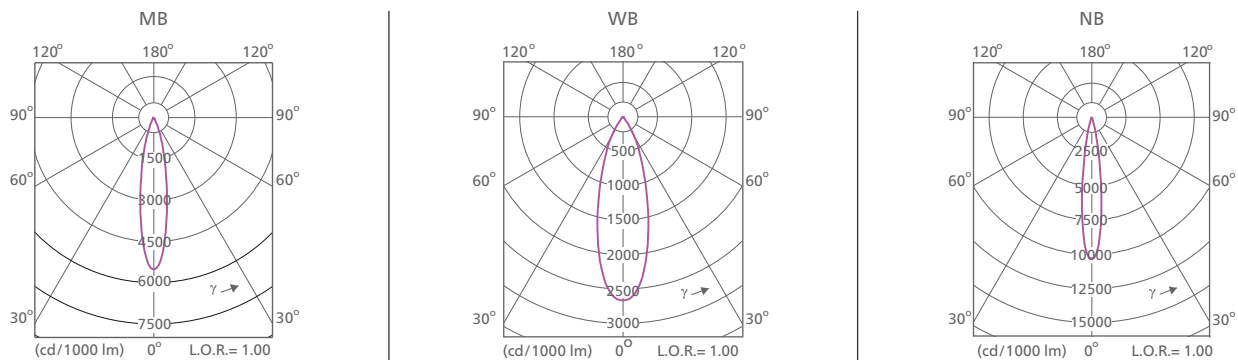
Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Whole Lamp Power	Light Efficiency Hole	STD/ETO	Hole Cutting Size	Beam Angle	Weight
RS700B LED10 PSU	8W	114lm/W(@MB,830)	ETO(VNB)/STD	Ø90±1	VNB/NB/MB/WB	0.33kg
RS700B LED10 PSU	10W	111lm/W(@MB,830)	ETO	Ø90±1	NB/MB/WB	0.33kg
RS700B LED10 PSU	11W	104lm/W(@830)	ETO	Ø90±1	VNB	0.33kg
RS700B LED20 PSU	17W	89lm/W(@830)	ETO	Ø90±1	VNB	0.33kg
RS700B LED20 PSU	21W	95lm/W(@MB,830)	STD	Ø90±1	NB/MB/WB	0.33kg
RS700B LED30 PSU	31W	112lm/W(@MB,830)	STD	Ø105±1	NB/MB/WB	0.65kg
RS700B LED30 PSU	33W	83lm/W(@830)	ETO	Ø105±1	VNB	0.65kg
RS700B LED30 PSD	34W	101lm/W(@930)	ETO	Ø105±1	VNB	0.65kg
RS700B LED30 PSD	35W	88lm/W(@MB,930PW)	STD	Ø105±1	NB/MB/WB	0.65kg
RS700B LED40 PSU	35W	109lm/W(@830)	ETO	Ø105±1	NB	0.65kg
RS700B LED40 PSU	40W	110lm/W(@MB,830)	STD	Ø105±1	MB/WB	0.65kg
RS700B LED20 PSU HB	21W	56lm/W(@MB,940PW)	STD	Ø90±1	MB	0.33kg
RS700B LED40 PSU HB	40W	57lm/W(@MB,940PW)	STD	Ø105±1	MB	0.65kg
GD700B LED10 PSU	8W	114lm/W(@MB,830)	STD	Length92±1,Width 92±1	VNB/NB/MB/WB	0.35kg
GD700B LED10 PSU	10W	111lm/W(@MB,830)	ETO	Length92±1,Width92±1	NB/MB/WB	0.35kg
GD700B LED10 PSU	11W	104lm/W(@830)	ETO	Length92±1,Width92±1	VNB	0.35kg
GD700B LED20 PSU	17W	89lm/W(@830)	ETO	Length92±1,Width92±1	VNB	0.35kg
GD700B LED20 PSU	21W	95lm/W(@MB,830)	STD	Length92±1,Width92±1	NB/MB/WB	0.35kg
GD700B 2xLED10 PSU	2x8W	114lm/W(@MB,830)	STD	Length209±1,Width107±1	NB/MB/WB	0.9kg
GD700B 2xLED20 PSU	2x21W	79lm/W(@MB,930PW)	STD	Length209±1,Width107±1	NB/MB/WB	0.9kg
GD700B LED30 PSU	31W	112lm/W(@MB,830)	STD	Length122±1,Width122±1	NB/MB/WB	0.65kg
GD700B LED30 PSU	33W	83lm/W(@830)	ETO	Length122±1,Width122±1	VNB	0.65kg
GD700B LED30 PSD	34W	101lm/W(@930)	ETO	Length122±1,Width122±1	VNB	0.65kg
GD700B LED30 PSD	35W	88lm/W(@MB,930PW)	STD	Length122±1,Width122±1	NB/MB/WB	0.65kg
GD700B LED40 PSU	35W	109lm/W(@830)	ETO	Length122±1,Width122±1	NB	0.65kg
GD700B LED40 PSU	40W	110lm/W(@MB,830)	STD	Length122±1,Width122±1	MB/WB	0.65kg

Retail & Hospitality

Light Distribution Curve



Note: Please refer to the product manual for specific light distribution

Naming Rule

RS700B LED10 930PC PSU NB WH HB



1: Installation
RS700B: round head
embedded type
GD700B: square head
embedded type

2: Lumen Output
LED10: ~1000lm
LED20: ~2000lm
LED30: ~3000lm
LED40: ~4000lm

3: Color Rendering Index and Color
Temperature

930PC: CRI 90, 3000K, Premium Color
930PW: CRI 90, 3000K, Premium White
940PW: CRI 90, 4000K, Premium White
930: CRI90, 3000K
940: CRI90, 4000K
830: CRI80, 3000K
840: CRI80, 4000K

4: Adjustment

PSU: Non dimming
PSD VLC: Dali with VLC

5: Beam Angle

VNB: Extremely narrow
beam angle
NB: Narrow beam angle MB:
Medium beam angle
WB: Wide beam angle

6: Lamp Body

Color
WH: White
BK: Black

7: Accessories

HB: Honeycomb
EB: Electrical Cabinet
Drive (GC)



CoreLine Accent gen2 RS155B RS156B

	50 000 h L70	5%	DALI and PSR	2 700 K 3 000 K 4 000 K	80	36°	Classe II	0° to + 35°C	650°C	IK03	IP65	IP44	Version orientable	Version fixe

PHILIPS
interact
ready.

Retail & Hospitality



The high-performance LED spotlight with top-of-the-range finishes

- Ideal as a 1-to-1 replacement for halogen spotlights (flush-mounted diameter 68 mm)
- Multiple decorative possibilities: available in fixed or swivel versions, interchangeable high-end bezels with 3 finish colors
- Easy to install thanks to push-button connector, with default spiking possible
- Suitable for all types of insulation
- Remarkable efficiency: up to 112 lm/W
- Excellent lighting comfort (optics with prismatic reflector and anti-glare lens)
- Available in an Interact ready connected version for enhanced optimization of energy consumption, thanks to easy adaptation of luminous flux levels to actual building requirements. Versions can be easily configured wirelessly via the Interact Pro smartphone application.



Version fix finish White
RAL 9003



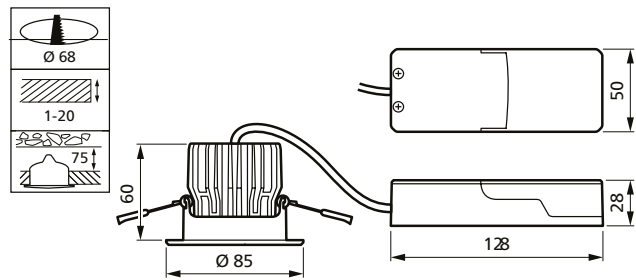
Version fix finish
Aluminum



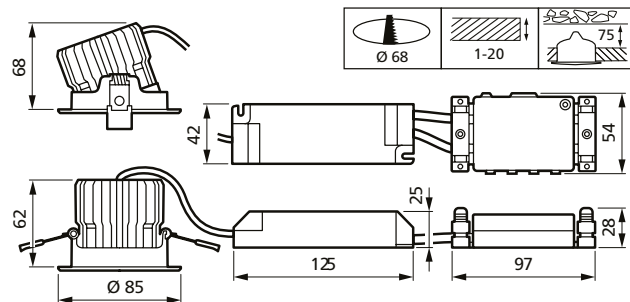
Version adjustable finish White
RAL 9003



Version adjustable finish
Aluminum



Version fix (RS155B)

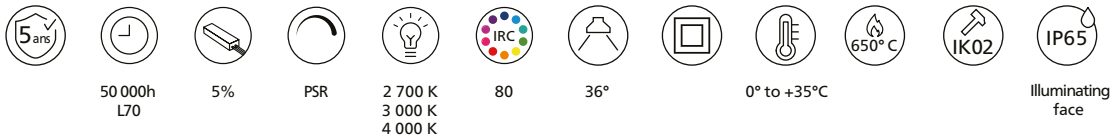


Version adjustable (RS156B)

Dimensions in mm

Designation	System flux (lm)	System power (W)	Eff. (lm/W)	Color temp (K)	Beam (°)
Version Fix					
Beam 36°, IP65, dimming by phase cut (PSR), White RAL 9003 (WH)					
RS155B LED6-WB-/830 D68 PSR PI6 WH	750	7,2	104	3000	36
RS155B LED6-WB-/840 D68 PSR PI6 WH	800	7,2	110	4000	36
RS155B LED9-WB-/830 D68 PSR PI6 WH	1000	10,2	98	3000	36
RS155B LED9-WB-/840 D68 PSR PI6 WH	1080	10,2	105	4000	36
RS155B LED12-WB-/830 D68 PSR PI6 WH	1300	12,3	105	3000	36
RS155B LED12-WB-/840 D68 PSR PI6 WH	1380	12,3	112	4000	36
Beam 36°, IP65, dimming by phase cut (PSR), Aluminum (ALU)					
RS155B LED6-WB-/827 D68 PSR PI6 ALU	720	7,2	100	2700	36
RS155B LED6-WB-/830 D68 PSR PI6 ALU	750	7,2	104	3000	36
RS155B LED6-WB-/840 D68 PSR PI6 ALU	800	7,2	110	4000	36
RS155B LED9-WB-/830 D68 PSR PI6 ALU	1000	10,2	98	3000	36
RS155B LED12-WB-/830 D68 PSR PI6 ALU	1300	12,3	105	3000	36
Version Adjustable					
Beam 36°, IP44, dimming by phase cut (PSR), White RAL 9003 (WH)					
RS156B LED6-WB-/830 D68 PSR PI6 WH	750	7,2	104	3000	36
RS156B LED6-WB-/840 D68 PSR PI6 WH	800	7,2	110	4000	36
RS156B LED9-WB-/830 D68 PSR PI6 WH	1000	10,2	98	3000	36
RS156B LED9-WB-/840 D68 PSR PI6 WH	1080	10,2	105	4000	36
RS156B LED12-WB-/830 D68 PSR PI6 WH	1300	12,3	105	3000	36
RS156B LED12-WB-/840 D68 PSR PI6 WH	1380	12,3	112	4000	36
Beam 36°, IP44, dimming by phase cut (PSR), Aluminum (ALU)					
RS156B LED6-WB-/827 D68 PSR PI6 ALU	720	7,2	100	2700	36
RS156B LED6-WB-/830 D68 PSR PI6 ALU	750	7,2	104	3000	36
RS156B LED6-WB-/840 D68 PSR PI6 ALU	800	7,2	110	4000	36
RS156B LED9-WB-/830 D68 PSR PI6 ALU	1000	10,2	98	3000	36
RS156B LED9-WB-/840 D68 PSR PI6 ALU	1080	10,2	105	4000	36
RS156B LED12-WB-/830 D68 PSR PI6 ALU	1300	12,3	105	3000	36
RS156B LED12-WB-/840 D68 PSR PI6 ALU	1380	12,3	112	4000	36
Beam 36°, IP44, DALI dimmer (PSD), White RAL 9003 (WH)					
RS156B LED12-WB-/830 D68 PSD PI10 WH	1300	12,3	105	3000	36
RS156B LED12-WB-/840 D68 PSD PI10 WH	1380	12,3	112	4000	36
Interact ready, beam 36°, IP44, White RAL 9003 (WH)					
RS156B LED12-WB-/830 D68 WIA PI6 WH	1 300	12,3	105	3 000	36
RS156B LED12-WB-/840 D68 WIA PI6 WH	1 380	12,3	112	4 000	36

CoreLine Accent gen2 LED Modules RS155Z



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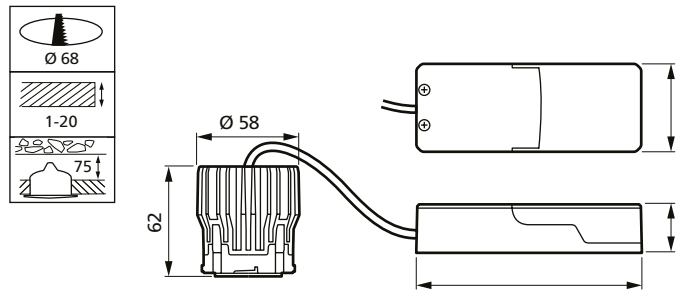
Retail & Hospitality



LED module with driver (delivered without frame)

The LED module to combine with a wide choice of frames to build the right LED spotlight for your needs

- Quarter-turn mounting with CoreLine Accent gen2 bezels for multiple decorative possibilities
- Energy-efficient LED module (available in 7.2 W and 10.2 W versions for higher luminous flux up to 1080 lm)
- 68 mm recessed diameter (ideal for 1-to-1 replacement of 50 W halogen spotlights)
- Can be covered with any type of insulation
- Easy to install thanks to push-button connector with default spacing option
- Outstanding visual comfort: optics with prismatic reflector and anti-glare lens



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. (lm/W)
LED module, dimmable by phase cut (PSR), minimum order 18 pieces, order the frames separately			
RS155Z MODULE LED6-WB-/827 D68 PSR	720	7,2	100
RS155Z MODULE LED6-WB-/830 D68 PSR	750	7,2	104
RS155Z MODULE LED6-WB-/840 D68 PSR	800	7,2	110
RS155Z MODULE LED9-WB-/830 D68 PSR	1 000	10,2	98
RS155Z MODULE LED9-WB-/840 D68 PSR	1 080	10,2	105

CoreLine Accent gen2 Frames RS155Z

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Swivel frame black



Fixed frame black



Swivel frame aluminum



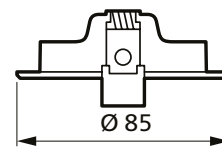
Fixed frame aluminum



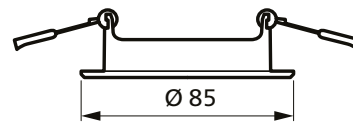
Swivel frame white



Fixed frame white



Adjustable Frame



Fix Frame

Dimensions in mm

Interchangeable frames, compatible with LED Modules CoreLine Accent gen2

- Wide choice of decorative and interchangeable frames, compatible with CoreLine Accent gen2 LED modules to be ordered separately
- Available frame types: round, fixed or adjustable
- Available finishes : White RAL 9003 / Matte Black/ Brushed aluminium

Retail & Hospitality

Comprehensive selection of product codes available, contact Signify Middle East.

Designation

Round fixed frame, recess diameter 68mm, finish White RAL9003 (WH), Black mat (BK), Aluminum (ALU) - LED module to be ordered separately

RS155Z CFRM RND-FIX D68 WH

RS155Z CFRM RND-FIX D68 BK

RS155Z CFRM RND-FIX D68 ALU

Round adjustable frame, recess diameter 68mm, finish White RAL9003 (WH), Black mat (BK), Aluminum (ALU) - LED module to be ordered separately

RS155Z CFRM RND-ADJUST D70 WH

RS155Z CFRM RND-ADJUST D70 BK

RS155Z CFRM RND-ADJUST D70 ALU

GreenUp Accent Elbow Series RS305B

PHILIPS

Retail & Hospitality



Cost-effective Accent Elbow Luminaire Tailored for Retail and Hospitality Applications.

This elephant trunk luminaire series has a delicate and compact appearance and is made of high-quality aluminum, with a good heat dissipation effect and flexible adjustment within 0- 45°in the vertical direction and 0-15°in the internal direction. This series is provided with diverse specification parameters and is available in a wide range of power, beam angle, and color temperature, with great color rendering performance. With control modes of switch, 1-10V, Dali, and silicon control available, it is specially designed for indoor spaces such as retail stores and supermarkets.

Product features

Visual comfort

Excellent color tolerance performance SDCM≤3
Free from stroboscopic effect, with fine light, comfortable and natural

Versatile offering

Rich product options, available in multiple powers, beam angles, and color temperature

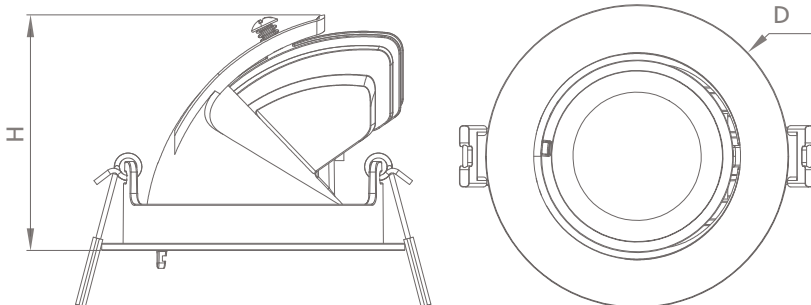
High color rendering performance

Excellent color rendering performance CRI≥90, R9>50

Comprehensive selection

Compact external dimension, rotatable in multiple directions to facilitate easy adjustment.

Model	D(mm)	H(mm)	Hole-cutting size (mm)
RS305B	Ø85	66	Ø75


















Main Applications

- Retail store
- Apparel stores
- Coffee houses, bars and hotels



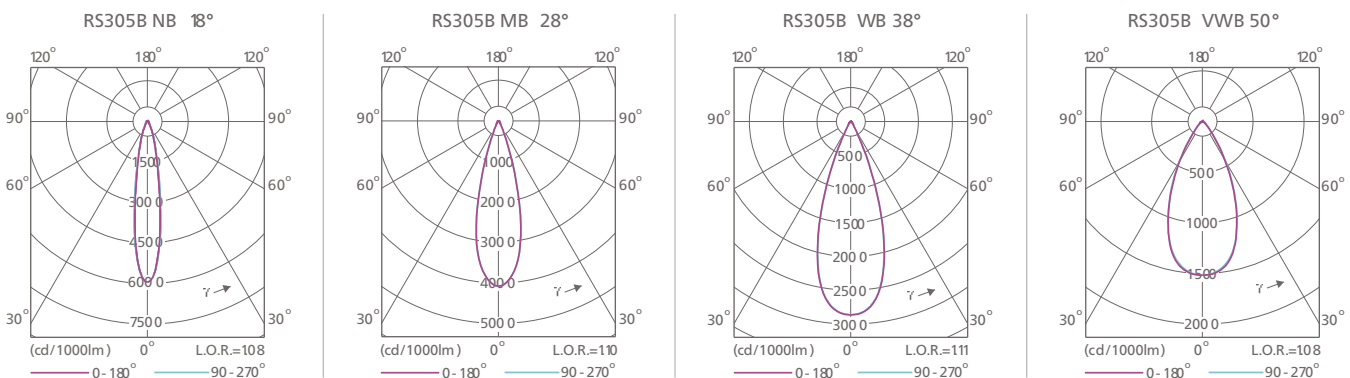
Model Selection Guide CRI ≥ 90 R9 > 50

	Power	Color temperature	Beam angle	Body color
RS305B accent elbow luminaire 	 6W	 2700K	 18°	 White
	 9W	 3000K	 28°	 Black (optional)
	 12W	 3500K	 38°	
		 4000K	 50°	
		 5000K		

Technical parameters

Product model	RS305B		
Luminous flux ± 10%	18°: 590lm / 28°: 610lm 38°: 610lm / 50°: 590lm	18°: 790lm / 28°: 840lm 38°: 830lm / 50°: 800lm	18°: 970lm / 28°: 1010lm 38°: 1020lm / 50°: 970lm
Power ±10%	6W	9W	12W
Luminous efficacy ±10%	18°: 90lm/W / 28°: 93lm/W 38°: 94lm/W / 50°: 91lm/W	18°: 88lm/W / 28°: 93lm/W 38°: 92lm/W / 50°: 89lm/W	18°: 81lm/W / 28°: 84lm/W 38°: 85lm/W / 50°: 81lm/W
Life	50,000 hours @L70B50		
Color temperature	2700K/3000K/4000K (ETO : 5000K/3500K)		
Color rendering index (CRI)	≥ 90		
R9	>50 (CRI ≥ 90)		
Color tolerance	SDCM ≤ 3		
Beam angle	18°, 28°, 38°, 50		
Glare index (UGR)	<23		
Input voltage	220-240V		
Frequency	50-60Hz		
Safety class	II		
Power factor	0.9		
Control mode	PSU/PSD/1-10V		
Stroboscopic effect	No stroboscopic effect		
Driver	External driver		
Fly wire length	100mm		
Installation method	Recessed		
Pivot angle adjustment range	0-45° (external pull)/ 0-15° (internal push)		
Swivel angle adjustment range	0-350°		
IP grade	IP20		
IK grade	IK03		
Hole-cutting size	Ø75mm		
LUM dimension	Ø85xH66mm		
Operating temperature	-20 ~40°C		
Body material	Aluminum ADC12		
Body color	White (standard)/black (optional)		

Light distribution curve



Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Control mode	Beam angle	Color rendering
RS305B P6 940 PSU-E WB	6W	4000K	PSU	WB	90
RS305B P6 940 PSU-E VWB	6W	4000K	PSU	VWB	90
RS305B P6 940 PSU-E NB	6W	4000K	PSU	NB	90
RS305B P6 940 PSU-E MB	6W	4000K	PSU	MB	90
RS305B P6 930 PSU-E WB	6W	3000K	PSU	WB	90
RS305B P6 930 PSU-E VWB	6W	3000K	PSU	VWB	90
RS305B P6 930 PSU-E NB	6W	3000K	PSU	NB	90
RS305B P6 930 PSU-E MB	6W	3000K	PSU	MB	90
RS305B P6 927 PSU-E WB	6W	2700K	PSU	WB	90
RS305B P6 927 PSU-E VWB	6W	2700K	PSU	VWB	90
RS305B P6 927 PSU-E NB	6W	2700K	PSU	NB	90
RS305B P6 927 PSU-E MB	6W	2700K	PSU	MB	90
RS305B P9 940 PSU-E WB	9W	4000K	PSU	WB	90
RS305B P9 940 PSU-E VWB	9W	4000K	PSU	VWB	90
RS305B P9 940 PSU-E NB	9W	4000K	PSU	NB	90
RS305B P9 940 PSU-E MB	9W	4000K	PSU	MB	90
RS305B P9 930 PSU-E WB	9W	3000K	PSU	WB	90
RS305B P9 930 PSU-E VWB	9W	3000K	PSU	VWB	90
RS305B P9 930 PSU-E NB	9W	3000K	PSU	NB	90
RS305B P9 930 PSU-E MB	9W	3000K	PSU	MB	90
RS305B P9 927 PSU-E WB	9W	2700K	PSU	WB	90
RS305B P9 927 PSU-E VWB	9W	2700K	PSU	VWB	90
RS305B P9 927 PSU-E NB	9W	2700K	PSU	NB	90
RS305B P9 927 PSU-E MB	9W	2700K	PSU	MB	90
RS305B P12 940 PSU-E WB	12W	4000K	PSU	WB	90
RS305B P12 940 PSU-E VWB	12W	4000K	PSU	VWB	90
RS305B P12 940 PSU-E NB	12W	4000K	PSU	NB	90
RS305B P12 940 PSU-E MB	12W	4000K	PSU	MB	90
RS305B P12 930 PSU-E WB	12W	3000K	PSU	WB	90
RS305B P12 930 PSU-E VWB	12W	3000K	PSU	VWB	90
RS305B P12 930 PSU-E NB	12W	3000K	PSU	NB	90
RS305B P12 930 PSU-E MB	12W	3000K	PSU	MB	90
RS305B P12 927 PSU-E WB	12W	2700K	PSU	WB	90
RS305B P12 927 PSU-E VWB	12W	2700K	PSU	VWB	90
RS305B P12 927 PSU-E NB	12W	2700K	PSU	NB	90
RS305B P12 927 PSU-E MB	12W	2700K	PSU	MB	90
RS305B P6 940 PSD-E WB	6W	4000K	PSD	WB	90
RS305B P6 940 PSD-E VWB	6W	4000K	PSD	VWB	90
RS305B P6 940 PSD-E NB	6W	4000K	PSD	NB	90
RS305B P6 940 PSD-E MB	6W	4000K	PSD	MB	90
RS305B P6 930 PSD-E WB	6W	3000K	PSD	WB	90
RS305B P6 930 PSD-E VWB	6W	3000K	PSD	VWB	90

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Control mode	Beam angle	Color rendering
RS305B P6 930 PSD-E NB	6W	3000K	PSD	NB	90
RS305B P6 930 PSD-E MB	6W	3000K	PSD	MB	90
RS305B P6 927 PSD-E WB	6W	2700K	PSD	WB	90
RS305B P6 927 PSD-E VWB	6W	2700K	PSD	VWB	90
RS305B P6 927 PSD-E NB	6W	2700K	PSD	NB	90
RS305B P6 927 PSD-E MB	6W	2700K	PSD	MB	90
RS305B P9 940 PSD-E WB	9W	4000K	PSD	WB	90
RS305B P9 940 PSD-E VWB	9W	4000K	PSD	VWB	90
RS305B P9 940 PSD-E NB	9W	4000K	PSD	NB	90
RS305B P9 940 PSD-E MB	9W	4000K	PSD	MB	90
RS305B P9 930 PSD-E WB	9W	3000K	PSD	WB	90
RS305B P9 930 PSD-E VWB	9W	3000K	PSD	VWB	90
RS305B P9 930 PSD-E NB	9W	3000K	PSD	NB	90
RS305B P9 930 PSD-E MB	9W	3000K	PSD	MB	90
RS305B P9 927 PSD-E WB	9W	2700K	PSD	WB	90
RS305B P9 927 PSD-E VWB	9W	2700K	PSD	VWB	90
RS305B P9 927 PSD-E NB	9W	2700K	PSD	NB	90
RS305B P9 927 PSD-E MB	9W	2700K	PSD	MB	90
RS305B P12 940 PSD-E WB	12W	4000K	PSD	WB	90
RS305B P12 940 PSD-E VWB	12W	4000K	PSD	VWB	90
RS305B P12 940 PSD-E NB	12W	4000K	PSD	NB	90
RS305B P12 940 PSD-E MB	12W	4000K	PSD	MB	90
RS305B P12 930 PSD-E WB	12W	3000K	PSD	WB	90
RS305B P12 930 PSD-E VWB	12W	3000K	PSD	VWB	90
RS305B P12 930 PSD-E NB	12W	3000K	PSD	NB	90
RS305B P12 930 PSD-E MB	12W	3000K	PSD	MB	90
RS305B P12 927 PSD-E WB	12W	2700K	PSD	WB	90
RS305B P12 927 PSD-E VWB	12W	2700K	PSD	VWB	90
RS305B P12 927 PSD-E NB	12W	2700K	PSD	NB	90
RS305B P12 927 PSD-E MB	12W	2700K	PSD	MB	90
RS305B P6 940 PSR-E 1-10V WB	6W	4000K	1-10V	WB	90
RS305B P6 940 PSR-E 1-10V VWB	6W	4000K	1-10V	VWB	90
RS305B P6 940 PSR-E 1-10V NB	6W	4000K	1-10V	NB	90
RS305B P6 940 PSR-E 1-10V MB	6W	4000K	1-10V	MB	90
RS305B P6 930 PSR-E 1-10V WB	6W	3000K	1-10V	WB	90
RS305B P6 930 PSR-E 1-10V VWB	6W	3000K	1-10V	VWB	90
RS305B P6 930 PSR-E 1-10V NB	6W	3000K	1-10V	NB	90
RS305B P6 930 PSR-E 1-10V MB	6W	3000K	1-10V	MB	90
RS305B P6 927 PSR-E 1-10V WB	6W	2700K	1-10V	WB	90
RS305B P6 927 PSR-E 1-10V VWB	6W	2700K	1-10V	VWB	90
RS305B P6 927 PSR-E 1-10V NB	6W	2700K	1-10V	NB	90
RS305B P6 927 PSR-E 1-10V MB	6W	2700K	1-10V	MB	90

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Control mode	Beam angle	Color rendering
RS305B P9 940 PSR-E 1-10V WB	9W	4000K	1-10V	WB	90
RS305B P9 940 PSR-E 1-10V VWB	9W	4000K	1-10V	VWB	90
RS305B P9 940 PSR-E 1-10V NB	9W	4000K	1-10V	NB	90
RS305B P9 940 PSR-E 1-10V MB	9W	4000K	1-10V	MB	90
RS305B P9 930 PSR-E 1-10V WB	9W	3000K	1-10V	WB	90
RS305B P9 930 PSR-E 1-10V VWB	9W	3000K	1-10V	VWB	90
RS305B P9 930 PSR-E 1-10V NB	9W	3000K	1-10V	NB	90
RS305B P9 930 PSR-E 1-10V MB	9W	3000K	1-10V	MB	90
RS305B P9 927 PSR-E 1-10V WB	9W	2700K	1-10V	WB	90
RS305B P9 927 PSR-E 1-10V VWB	9W	2700K	1-10V	VWB	90
RS305B P9 927 PSR-E 1-10V NB	9W	2700K	1-10V	NB	90
RS305B P9 927 PSR-E 1-10V MB	9W	2700K	1-10V	MB	90
RS305B P12 940 PSR-E 1-10V WB	12W	4000K	1-10V	WB	90
RS305B P12 940 PSR-E 1-10V VWB	12W	4000K	1-10V	VWB	90
RS305B P12 940 PSR-E 1-10V NB	12W	4000K	1-10V	NB	90
RS305B P12 940 PSR-E 1-10V MB	12W	4000K	1-10V	MB	90
RS305B P12 930 PSR-E 1-10V WB	12W	3000K	1-10V	WB	90
RS305B P12 930 PSR-E 1-10V VWB	12W	3000K	1-10V	VWB	90
RS305B P12 930 PSR-E 1-10V NB	12W	3000K	1-10V	NB	90
RS305B P12 930 PSR-E 1-10V MB	12W	3000K	1-10V	MB	90
RS305B P12 927 PSR-E 1-10V WB	12W	2700K	1-10V	WB	90
RS305B P12 927 PSR-E 1-10V VWB	12W	2700K	1-10V	VWB	90
RS305B P12 927 PSR-E 1-10V NB	12W	2700K	1-10V	NB	90
RS305B P12 927 PSR-E 1-10V MB	12W	2700K	1-10V	MB	90

GreenUp Accent Spotlight RS318B

PHILIPS

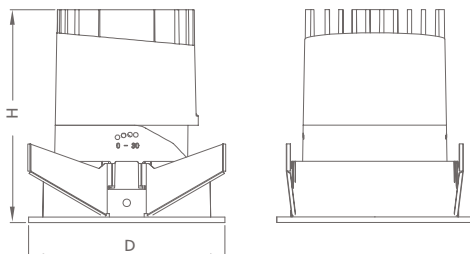
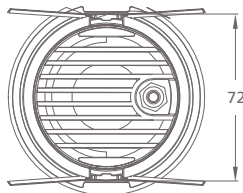
Retail & Hospitality



RS318B gloss silver reflector



RS318B Matte black reflector



Exquisite and Compact High- CRI Spotlight

GreenUp Accent RS318 spotlight features small hole-cutting size and exquisite design. This series offers multiple power options, with CRI90 and three different beam angles to satisfy the lighting requirements of indoor applications such as retail stores and hotels. Dali and 1-10V control modes are optional, facilitating more convenient smart lighting.

Product features

Versatile offering

Flexible lumen output and wattage, providing designers with more options

High color rendering performance

High color rendering index of CRI 90 to help improve visual comfort in hospitality and retail applications.

Multiple beam angles

Provided with three different beam angles to facilitate lighting designers to adapt to extensive lighting applications

Comprehensive selection

Two reflector colors to choose from, meeting the needs of different room environments

With an inclinable angle of 30 degrees, easier to install

Compatible with multiple systems

Available in 1-10V and Dali system options to facilitate light control

Model	D(mm)	H(mm)	Hole-cutting size (mm)
RS318B	Ø85	93	75-78
















Main Applications
















- Office
- Retail industry
- Hospitality
- Conference room



Retail & Hospitality

Model Selection Guide CRI ≥ 90

	Power	Color temperature	Beam angle	Reflector color
RS318B Gloss silver reflector 	 5W	 2700K	 12°	 White
	 7W	 3000K	 15°	
	 9W	 3500K	 24°	
	 12W	 4000K	 32°	
			 50°	

	Power	Color temperature	Beam angle	Reflector color
RS318B Matte black reflector 	 5W	 2700K	 12°	 Black
	 7W	 3000K	 15°	
	 9W	 3500K	 24°	
	 12W	 4000K	 32°	
			 50°	

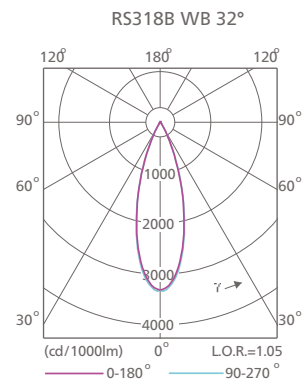
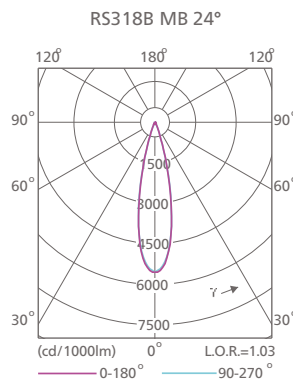
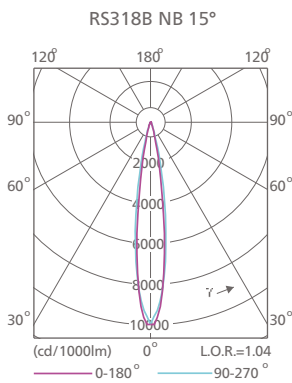
Technical parameters

Product model	RS318B
Power	5W/7W/9W/12W
Lumen output value	375lm/525lm/675lm/900lm
Voltage	220-240V 50/60Hz
Luminous efficacy	70-80lm/W
Power factor	>0.9
Driver*	Fixed output (PSU)/PSD/1-10V
Color tolerance	SDCM <5
Color rendering index (CRI)	90
Beam angle	15° NB/24° MB/32° WB/50° (ETO)/12° (ETO)
Glare index (UGR)	<12
Color temperature	2700K/3000K/3500K (ETO)/4000K (ETO)
Body material	Die casting aluminum
Operating temperature range	-20°C <Ta <40°C
Installation type	Recessed
IP grade	IP20
IK grade	03
Safety class	II

(Comprehensive selection of code available, contact signify middle east.)

- * 1. DALI: standard version includes 7W, 9W and 11W.
- 2. 1-10V: standard version includes 9W, 11W and 7W, and ETO is required.

Light distribution curve



Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Control mode	Beam angle	Reflector color	Color rendering
RS318B P5 927 PSU-E NB S	5W	2700K	PSU	Narrow	Gloss silver	≥ 90
RS318B P5 927 PSU-E MB S	5W	2700K	PSU	Medium	Gloss silver	≥ 90
RS318B P5 927 PSU-E WB S	5W	2700K	PSU	Wide	Gloss silver	≥ 90
RS318B P5 930 PSU-E NB S	5W	3000K	PSU	Narrow	Gloss silver	≥ 90
RS318B P5 930 PSU-E MB S	5W	3000K	PSU	Medium	Gloss silver	≥ 90
RS318B P5 930 PSU-E WB S	5W	3000K	PSU	Wide	Gloss silver	≥ 90
RS318B P7 927 PSU-E NB S	7W	2700K	PSU	Narrow	Gloss silver	≥ 90
RS318B P7 927 PSU-E MB S	7W	2700K	PSU	Medium	Gloss silver	≥ 90
RS318B P7 927 PSU-E WB S	7W	2700K	PSU	Wide	Gloss silver	≥ 90
RS318B P7 930 PSU-E NB S	7W	3000K	PSU	Narrow	Gloss silver	≥ 90
RS318B P7 930 PSU-E MB S	7W	3000K	PSU	Medium	Gloss silver	≥ 90
RS318B P7 930 PSU-E WB S	7W	3000K	PSU	Wide	Gloss silver	≥ 90
RS318B P9 927 PSU-E NB S	9W	2700K	PSU	Narrow	Gloss silver	≥ 90
RS318B P9 927 PSU-E MB S	9W	2700K	PSU	Medium	Gloss silver	≥ 90
RS318B P9 927 PSU-E WB S	9W	2700K	PSU	Wide	Gloss silver	≥ 90
RS318B P9 930 PSU-E NB S	9W	3000K	PSU	Narrow	Gloss silver	≥ 90
RS318B P9 930 PSU-E MB S	9W	3000K	PSU	Medium	Gloss silver	≥ 90
RS318B P9 930 PSU-E WB S	9W	3000K	PSU	Wide	Gloss silver	≥ 90
RS318B P12 927 PSU-E NB S	12W	2700K	PSU	Narrow	Gloss silver	≥ 90
RS318B P12 927 PSU-E MB S	12W	2700K	PSU	Medium	Gloss silver	≥ 90
RS318B P12 927 PSU-E WB S	12W	2700K	PSU	Wide	Gloss silver	≥ 90
RS318B P12 930 PSU-E NB S	12W	3000K	PSU	Narrow	Gloss silver	≥ 90
RS318B P12 930 PSU-E MB S	12W	3000K	PSU	Medium	Gloss silver	≥ 90
RS318B P12 930 PSU-E WB S	12W	3000K	PSU	Wide	Gloss silver	≥ 90
RS318B P7 927 PSD-E NB S	7W	2700K	PSD	Narrow	Gloss silver	≥ 90
RS318B P7 927 PSD-E MB S	7W	2700K	PSD	Medium	Gloss silver	≥ 90
RS318B P7 927 PSD-E WB S	7W	2700K	PSD	Wide	Gloss silver	≥ 90
RS318B P7 930 PSD-E NB S	7W	3000K	PSD	Narrow	Gloss silver	≥ 90

GreenUp Grid Three-Head Series GD309B

PHILIPS

Retail & Hospitality



Slim and Compact Grid Luminaire with Comprehensive Control Availability, Optical Solutions and Powerful Lumen Outputs.

Philips GreenUp Grid three-head grid luminaire series adopts a professional optical design and is compact in size to adapt to the installation conditions of buildings, with a compact product design, suitable for most ceilings. In addition, a variety of lumen outputs and color temperatures are offered. This series also has a good glare control effect, generating a more comfortable lighting environment.

Product features

High output with compact size

Compact structure and high power output

Tiltable and adjustable

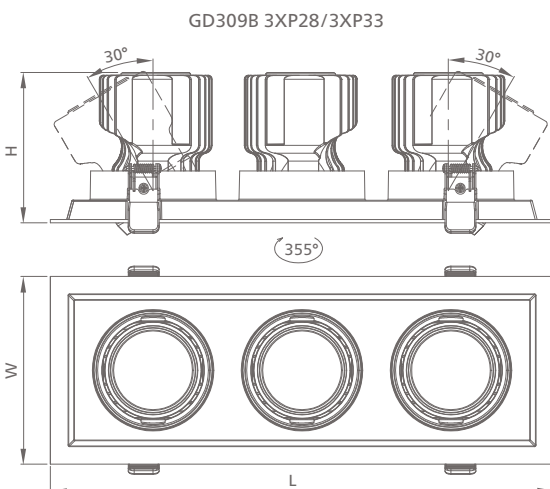
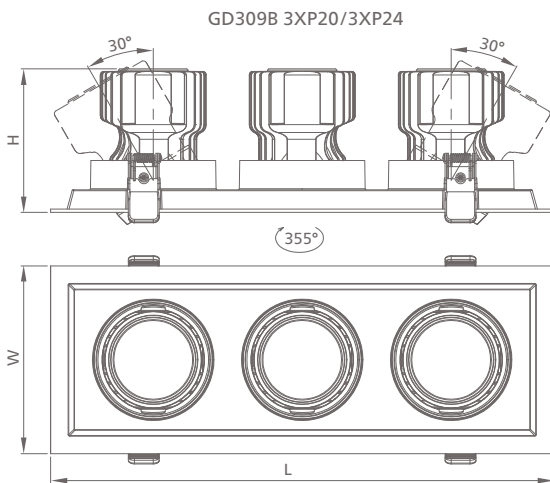
Adjustable within $\pm 30^\circ$ for a single head in the vertical direction

Excellent color performance

CRI ≥ 90 , R9 > 50 , highly restoring the true color of goods and enhancing color saturation

Visual comfort

Visual comfort design, excellent glare control, without stroboscopic effect



Model	L(mm)	W(mm)	H(mm)	Hole-cutting size LxW(mm)LxW
GD309B 3XP20	375	140	107	360x125
GD309B 3XP24	375	140	107	360x125

Model	L(mm)	W(mm)	H(mm)	Hole-cutting size LxW(mm)LxW
GD309B 3XP28	375	140	112	360x125
GD309B 3XP33	375	140	112	360x125

Main Applications

- Retail stores and supermarkets
- Office
- Exhibition halls































Retail & Hospitality

Model Selection Guide



CRI ≥ 90
R9 > 50

	Power	Color temperature	Beam angle	Body color
GD309B three-head grid luminaire  L375xW140xH107mm Hole-cutting size vL360xW125mm	 3x20W	 2700K	 15°	 White
	 3x24W	 3000K	 24°	 Black (optional)
		 3500K	 35°	
		 4000K	 55°	
		 5000K		

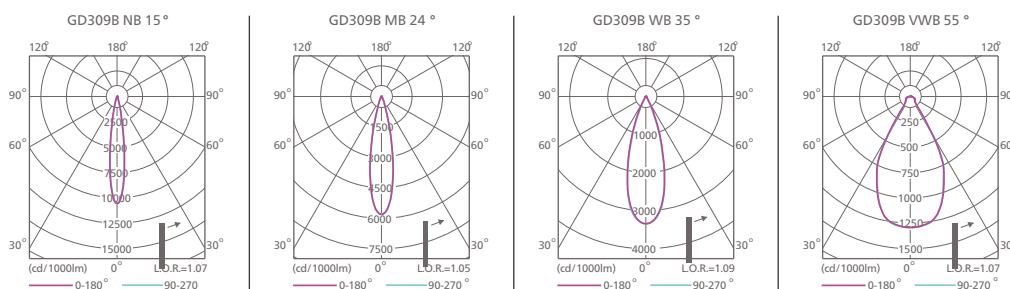
	Power	Color temperature	Beam angle	Body color
GD309B three-head grid luminaire  L375xW140xH112mm Hole-cutting size L360xW125mm	 3x28W	 2700K	 18°	 White
	 3x33W	 3000K	 25°	 Black (optional)
		 3500K	 36°	
		 4000K	 55°	
		 5000K		

Technical parameters

Product model	GD309B			
Luminous flux ± 10%	15°: 5520lm 24°: 5400lm 35°: 5640lm 55°: 4500lm	15°: 6480lm 24°: 6480lm 35°: 6620lm 50°: 5330lm	18°: 7730lm 25°: 7560lm 36°: 7810lm 55°: 6220lm	18°: 8910lm 25°: 8510lm 36°: 9010lm 55°: 7130lm
Power ±10%	3x20W		3x24W	
Luminous efficacy ±10%	15°: 92lm/W 24°: 90lm/W 35°: 94lm/W 55°: 75lm/W	15°: 90lm/W 24°: 90lm/W 35°: 92lm/W 55°: 74lm/W	18°: 92lm/W 25°: 90lm/W 36°: 93lm/W 55°: 74lm/W	18°: 90lm/W 25°: 86lm/W 36°: 91lm/W 55°: 72lm/W
Life	50000 hours @L70B50			
Color temperature	2700K/3000K/4000K/5000K (ETO : 3500K)			
Color rendering index (CRI)	≥ 90			
R9	>50 (CRI ≥ 90)			
Color tolerance	SDCM ≤ 3 (CRI ≥ 90)			
Beam angle	15°; 24°; 35°; 55°		18°; 25°; 36°; 55°	
Glare index (UGR)	<19			
Cutoff angle	15°			
Input voltage	220-240V			
Frequency	50-60Hz			
Safety class	II			
Power factor	0.9			
Control mode	PSU/PSD/1-10V			
Stroboscopic effect	No stroboscopic ef			
Driver	External driver			
Fly wire length	100mm			
Installation method	Recessed			
Pivot angle	±30°			
Swivel angle	0-355°			
IP grade	IP20			
IK grade	IK03			
Hole-cutting size (LxW)	360x125mm		360x125mm	
LUM dimension (LxWxH)	375x140x107mm		375x140x112mm	
Operating temperature	25°C			
Body material	AL ADC12			
Body color	White (standard) / Black (optional)			

Recessed Architectural Accent Lighting

Light distribution curve



Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Control mode	Beam angle	Color rendering
GD309B 3xP20 950 PSU-E WB	3x20W	5000K	PSU	WB	90
GD309B 3xP20 950 PSU-E VWB	3x20W	5000K	PSU	VWB	90
GD309B 3xP20 950 PSU-E NB	3x20W	5000K	PSU	NB	90
GD309B 3xP20 950 PSU-E MB	3x20W	5000K	PSU	MB	90
GD309B 3xP20 950 PSR-E 1-10V WB	3x20W	5000K	1-10V	WB	90
GD309B 3xP20 950 PSR-E 1-10V VWB	3x20W	5000K	1-10V	VWB	90
GD309B 3xP20 950 PSR-E 1-10V NB	3x20W	5000K	1-10V	NB	90
GD309B 3xP20 950 PSR-E 1-10V MB	3x20W	5000K	1-10V	MB	90
GD309B 3xP20 950 PSD-E WB	3x20W	5000K	PSD	WB	90
GD309B 3xP20 950 PSD-E VWB	3x20W	5000K	PSD	VWB	90
GD309B 3xP20 950 PSD-E NB	3x20W	5000K	PSD	NB	90
GD309B 3xP20 950 PSD-E MB	3x20W	5000K	PSD	MB	90
GD309B 3xP20 940 PSU-E WB	3x20W	4000K	PSU	WB	90
GD309B 3xP20 940 PSU-E VWB	3x20W	4000K	PSU	VWB	90
GD309B 3xP20 940 PSU-E NB	3x20W	4000K	PSU	NB	90
GD309B 3xP20 940 PSU-E MB	3x20W	4000K	PSU	MB	90
GD309B 3xP20 940 PSR-E 1-10V WB	3x20W	4000K	1-10V	WB	90
GD309B 3xP20 940 PSR-E 1-10V VWB	3x20W	4000K	1-10V	VWB	90
GD309B 3xP20 940 PSR-E 1-10V NB	3x20W	4000K	1-10V	NB	90
GD309B 3xP20 940 PSR-E 1-10V MB	3x20W	4000K	1-10V	MB	90
GD309B 3xP20 940 PSD-E WB	3x20W	4000K	PSD	WB	90
GD309B 3xP20 940 PSD-E VWB	3x20W	4000K	PSD	VWB	90
GD309B 3xP20 940 PSD-E NB	3x20W	4000K	PSD	NB	90
GD309B 3xP20 940 PSD-E MB	3x20W	4000K	PSD	MB	90
GD309B 3xP20 930 PSU-E WB	3x20W	3000K	PSU	WB	90
GD309B 3xP20 930 PSU-E VWB	3x20W	3000K	PSU	VWB	90
GD309B 3xP20 930 PSU-E NB	3x20W	3000K	PSU	NB	90
GD309B 3xP20 930 PSU-E MB	3x20W	3000K	PSU	MB	90
GD309B 3xP20 930 PSR-E 1-10V WB	3x20W	3000K	1-10V	WB	90
GD309B 3xP20 930 PSR-E 1-10V VWB	3x20W	3000K	1-10V	VWB	90
GD309B 3xP20 930 PSR-E 1-10V NB	3x20W	3000K	1-10V	NB	90
GD309B 3xP20 930 PSR-E 1-10V MB	3x20W	3000K	1-10V	MB	90
GD309B 3xP20 930 PSD-E WB	3x20W	3000K	PSD	WB	90
GD309B 3xP20 930 PSD-E VWB	3x20W	3000K	PSD	VWB	90
GD309B 3xP20 930 PSD-E NB	3x20W	3000K	PSD	NB	90
GD309B 3xP20 930 PSD-E MB	3x20W	3000K	PSD	MB	90
GD309B 3xP20 927 PSU-E WB	3x20W	2700K	PSU	WB	90
GD309B 3xP20 927 PSU-E VWB	3x20W	2700K	PSU	VWB	90
GD309B 3xP20 927 PSU-E NB	3x20W	2700K	PSU	NB	90
GD309B 3xP20 927 PSU-E MB	3x20W	2700K	PSU	MB	90
GD309B 3xP20 927 PSR-E 1-10V WB	3x20W	2700K	1-10V	WB	90
GD309B 3xP20 927 PSR-E 1-10V VWB	3x20W	2700K	1-10V	VWB	90
GD309B 3xP20 927 PSR-E 1-10V NB	3x20W	2700K	1-10V	NB	90
GD309B 3xP20 927 PSR-E 1-10V MB	3x20W	2700K	1-10V	MB	90
GD309B 3xP20 927 PSD-E WB	3x20W	2700K	PSD	WB	90
GD309B 3xP20 927 PSD-E VWB	3x20W	2700K	PSD	VWB	90

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Control mode	Beam angle	Color rendering
GD309B 3xP20 927 PSD-E NB	3x20W	2700K	PSD	NB	90
GD309B 3xP20 927 PSD-E MB	3x20W	2700K	PSD	MB	90
GD309B 3xP24 950 PSU-E WB	3x24W	5000K	PSU	WB	90
GD309B 3xP24 950 PSU-E VWB	3x24W	5000K	PSU	VWB	90
GD309B 3xP24 950 PSU-E NB	3x24W	5000K	PSU	NB	90
GD309B 3xP24 950 PSU-E MB	3x24W	5000K	PSU	MB	90
GD309B 3xP24 950 PSR-E 1-10V WB	3x24W	5000K	1-10V	WB	90
GD309B 3xP24 950 PSR-E 1-10V VWB	3x24W	5000K	1-10V	VWB	90
GD309B 3xP24 950 PSR-E 1-10V NB	3x24W	5000K	1-10V	NB	90
GD309B 3xP24 950 PSR-E 1-10V MB	3x24W	5000K	1-10V	MB	90
GD309B 3xP24 950 PSD-E WB	3x24W	5000K	PSD	WB	90
GD309B 3xP24 950 PSD-E VWB	3x24W	5000K	PSD	VWB	90
GD309B 3xP24 950 PSD-E NB	3x24W	5000K	PSD	NB	90
GD309B 3xP24 950 PSD-E MB	3x24W	5000K	PSD	MB	90
GD309B 3xP24 940 PSU-E WB	3x24W	4000K	PSU	WB	90
GD309B 3xP24 940 PSU-E VWB	3x24W	4000K	PSU	VWB	90
GD309B 3xP24 940 PSU-E NB	3x24W	4000K	PSU	NB	90
GD309B 3xP24 940 PSU-E MB	3x24W	4000K	PSU	MB	90
GD309B 3xP24 940 PSR-E 1-10V WB	3x24W	4000K	1-10V	WB	90
GD309B 3xP24 940 PSR-E 1-10V VWB	3x24W	4000K	1-10V	VWB	90
GD309B 3xP24 940 PSR-E 1-10V NB	3x24W	4000K	1-10V	NB	90
GD309B 3xP24 940 PSR-E 1-10V MB	3x24W	4000K	1-10V	MB	90
GD309B 3xP24 940 PSD-E WB	3x24W	4000K	PSD	WB	90
GD309B 3xP24 940 PSD-E VWB	3x24W	4000K	PSD	VWB	90
GD309B 3xP24 940 PSD-E NB	3x24W	4000K	PSD	NB	90
GD309B 3xP24 940 PSD-E MB	3x24W	4000K	PSD	MB	90
GD309B 3xP24 930 PSU-E WB	3x24W	3000K	PSU	WB	90
GD309B 3xP24 930 PSU-E VWB	3x24W	3000K	PSU	VWB	90
GD309B 3xP24 930 PSU-E NB	3x24W	3000K	PSU	NB	90
GD309B 3xP24 930 PSU-E MB	3x24W	3000K	PSU	MB	90
GD309B 3xP24 930 PSR-E 1-10V WB	3x24W	3000K	1-10V	WB	90
GD309B 3xP24 930 PSR-E 1-10V VWB	3x24W	3000K	1-10V	VWB	90
GD309B 3xP24 930 PSR-E 1-10V NB	3x24W	3000K	1-10V	NB	90
GD309B 3xP24 930 PSR-E 1-10V MB	3x24W	3000K	1-10V	MB	90
GD309B 3xP24 930 PSD-E WB	3x24W	3000K	PSD	WB	90
GD309B 3xP24 930 PSD-E VWB	3x24W	3000K	PSD	VWB	90
GD309B 3xP24 930 PSD-E NB	3x24W	3000K	PSD	NB	90
GD309B 3xP24 930 PSD-E MB	3x24W	3000K	PSD	MB	90
GD309B 3xP24 927 PSU-E WB	3x24W	2700K	PSU	WB	90
GD309B 3xP24 927 PSU-E VWB	3x24W	2700K	PSU	VWB	90
GD309B 3xP24 927 PSU-E NB	3x24W	2700K	PSU	NB	90
GD309B 3xP24 927 PSU-E MB	3x24W	2700K	PSU	MB	90
GD309B 3xP24 927 PSR-E 1-10V WB	3x24W	2700K	1-10V	WB	90
GD309B 3xP24 927 PSR-E 1-10V VWB	3x24W	2700K	1-10V	VWB	90
GD309B 3xP24 927 PSR-E 1-10V NB	3x24W	2700K	1-10V	NB	90
GD309B 3xP24 927 PSR-E 1-10V MB	3x24W	2700K	1-10V	MB	90

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Control mode	Beam angle	Color rendering
GD309B 3xP24 927 PSD-E WB	3x24W	2700K	PSD	WB	90
GD309B 3xP24 927 PSD-E VWB	3x24W	2700K	PSD	VWB	90
GD309B 3xP24 927 PSD-E NB	3x24W	2700K	PSD	NB	90
GD309B 3xP24 927 PSD-E MB	3x24W	2700K	PSD	MB	90
GD309B 3xP28 950 PSU-E WB	3x28W	5000K	PSU	WB	90
GD309B 3xP28 950 PSU-E VWB	3x28W	5000K	PSU	VWB	90
GD309B 3xP28 950 PSU-E NB	3x28W	5000K	PSU	NB	90
GD309B 3xP28 950 PSU-E MB	3x28W	5000K	PSU	MB	90
GD309B 3xP28 950 PSR-E 1-10V WB	3x28W	5000K	1-10V	WB	90
GD309B 3xP28 950 PSR-E 1-10V VWB	3x28W	5000K	1-10V	VWB	90
GD309B 3xP28 950 PSR-E 1-10V NB	3x28W	5000K	1-10V	NB	90
GD309B 3xP28 950 PSR-E 1-10V MB	3x28W	5000K	1-10V	MB	90
GD309B 3xP28 950 PSD-E WB	3x28W	5000K	PSD	WB	90
GD309B 3xP28 950 PSD-E VWB	3x28W	5000K	PSD	VWB	90
GD309B 3xP28 950 PSD-E NB	3x28W	5000K	PSD	NB	90
GD309B 3xP28 950 PSD-E MB	3x28W	5000K	PSD	MB	90
GD309B 3xP28 940 PSU-E WB	3x28W	4000K	PSU	WB	90
GD309B 3xP28 940 PSU-E VWB	3x28W	4000K	PSU	VWB	90
GD309B 3xP28 940 PSU-E NB	3x28W	4000K	PSU	NB	90
GD309B 3xP28 940 PSU-E MB	3x28W	4000K	PSU	MB	90
GD309B 3xP28 940 PSR-E 1-10V WB	3x28W	4000K	1-10V	WB	90
GD309B 3xP28 940 PSR-E 1-10V VWB	3x28W	4000K	1-10V	VWB	90
GD309B 3xP28 940 PSR-E 1-10V NB	3x28W	4000K	1-10V	NB	90
GD309B 3xP28 940 PSR-E 1-10V MB	3x28W	4000K	1-10V	MB	90
GD309B 3xP28 940 PSD-E WB	3x28W	4000K	PSD	WB	90
GD309B 3xP28 940 PSD-E VWB	3x28W	4000K	PSD	VWB	90
GD309B 3xP28 940 PSD-E NB	3x28W	4000K	PSD	NB	90
GD309B 3xP28 940 PSD-E MB	3x28W	4000K	PSD	MB	90
GD309B 3xP28 930 PSU-E WB	3x28W	3000K	PSU	WB	90
GD309B 3xP28 930 PSU-E VWB	3x28W	3000K	PSU	VWB	90
GD309B 3xP28 930 PSU-E NB	3x28W	3000K	PSU	NB	90
GD309B 3xP28 930 PSU-E MB	3x28W	3000K	PSU	MB	90
GD309B 3xP28 930 PSR-E 1-10V WB	3x28W	3000K	1-10V	WB	90
GD309B 3xP28 930 PSR-E 1-10V VWB	3x28W	3000K	1-10V	VWB	90
GD309B 3xP28 930 PSR-E 1-10V NB	3x28W	3000K	1-10V	NB	90
GD309B 3xP28 930 PSR-E 1-10V MB	3x28W	3000K	1-10V	MB	90
GD309B 3xP28 930 PSD-E WB	3x28W	3000K	PSD	WB	90
GD309B 3xP28 930 PSD-E VWB	3x28W	3000K	PSD	VWB	90
GD309B 3xP28 930 PSD-E NB	3x28W	3000K	PSD	NB	90
GD309B 3xP28 930 PSD-E MB	3x28W	3000K	PSD	MB	90
GD309B 3xP28 927 PSU-E WB	3x28W	2700K	PSU	WB	90
GD309B 3xP28 927 PSU-E VWB	3x28W	2700K	PSU	VWB	90
GD309B 3xP28 927 PSU-E NB	3x28W	2700K	PSU	NB	90
GD309B 3xP28 927 PSU-E MB	3x28W	2700K	PSU	MB	90
GD309B 3xP28 927 PSR-E 1-10V WB	3x28W	2700K	1-10V	WB	90
GD309B 3xP28 927 PSR-E 1-10V VWB	3x28W	2700K	1-10V	VWB	90

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Control mode	Beam angle	Color rendering
GD309B 3xP28 927 PSR-E 1-10V NB	3x28W	2700K	1-10V	NB	90
GD309B 3xP28 927 PSR-E 1-10V MB	3x28W	2700K	1-10V	MB	90
GD309B 3xP28 927 PSD-E WB	3x28W	2700K	PSD	WB	90
GD309B 3xP28 927 PSD-E VWB	3x28W	2700K	PSD	VWB	90
GD309B 3xP28 927 PSD-E NB	3x28W	2700K	PSD	NB	90
GD309B 3xP28 927 PSD-E MB	3x28W	2700K	PSD	MB	90
GD309B 3xP33 950 PSU-E WB	3x33W	5000K	PSU	WB	90
GD309B 3xP33 950 PSU-E VWB	3x33W	5000K	PSU	VWB	90
GD309B 3xP33 950 PSU-E NB	3x33W	5000K	PSU	NB	90
GD309B 3xP33 950 PSU-E MB	3x33W	5000K	PSU	MB	90
GD309B 3xP33 950 PSR-E 1-10V WB	3x33W	5000K	1-10V	WB	90
GD309B 3xP33 950 PSR-E 1-10V VWB	3x33W	5000K	1-10V	VWB	90
GD309B 3xP33 950 PSR-E 1-10V NB	3x33W	5000K	1-10V	NB	90
GD309B 3xP33 950 PSR-E 1-10V MB	3x33W	5000K	1-10V	MB	90
GD309B 3xP33 950 PSD-E WB	3x33W	5000K	PSD	WB	90
GD309B 3xP33 950 PSD-E VWB	3x33W	5000K	PSD	VWB	90
GD309B 3xP33 950 PSD-E NB	3x33W	5000K	PSD	NB	90
GD309B 3xP33 950 PSD-E MB	3x33W	5000K	PSD	MB	90
GD309B 3xP33 940 PSU-E WB	3x33W	4000K	PSU	WB	90
GD309B 3xP33 940 PSU-E VWB	3x33W	4000K	PSU	VWB	90
GD309B 3xP33 940 PSU-E NB	3x33W	4000K	PSU	NB	90
GD309B 3xP33 940 PSU-E MB	3x33W	4000K	PSU	MB	90
GD309B 3xP33 940 PSR-E 1-10V WB	3x33W	4000K	1-10V	WB	90
GD309B 3xP33 940 PSR-E 1-10V VWB	3x33W	4000K	1-10V	VWB	90
GD309B 3xP33 940 PSR-E 1-10V NB	3x33W	4000K	1-10V	NB	90
GD309B 3xP33 940 PSR-E 1-10V MB	3x33W	4000K	1-10V	MB	90
GD309B 3xP33 940 PSD-E WB	3x33W	4000K	PSD	WB	90
GD309B 3xP33 940 PSD-E VWB	3x33W	4000K	PSD	VWB	90
GD309B 3xP33 940 PSD-E NB	3x33W	4000K	PSD	NB	90
GD309B 3xP33 940 PSD-E MB	3x33W	4000K	PSD	MB	90
GD309B 3xP33 930 PSU-E WB	3x33W	3000K	PSU	WB	90
GD309B 3xP33 930 PSU-E VWB	3x33W	3000K	PSU	VWB	90
GD309B 3xP33 930 PSU-E NB	3x33W	3000K	PSU	NB	90
GD309B 3xP33 930 PSU-E MB	3x33W	3000K	PSU	MB	90
GD309B 3xP33 930 PSR-E 1-10V WB	3x33W	3000K	1-10V	WB	90
GD309B 3xP33 930 PSR-E 1-10V VWB	3x33W	3000K	1-10V	VWB	90
GD309B 3xP33 930 PSR-E 1-10V NB	3x33W	3000K	1-10V	NB	90
GD309B 3xP33 930 PSR-E 1-10V MB	3x33W	3000K	1-10V	MB	90
GD309B 3xP33 930 PSD-E WB	3x33W	3000K	PSD	WB	90
GD309B 3xP33 930 PSD-E VWB	3x33W	3000K	PSD	VWB	90
GD309B 3xP33 930 PSD-E NB	3x33W	3000K	PSD	NB	90
GD309B 3xP33 930 PSD-E MB	3x33W	3000K	PSD	MB	90
GD309B 3xP33 927 PSU-E WB	3x33W	2700K	PSU	WB	90
GD309B 3xP33 927 PSU-E VWB	3x33W	2700K	PSU	VWB	90
GD309B 3xP33 927 PSU-E NB	3x33W	2700K	PSU	NB	90
GD309B 3xP33 927 PSU-E MB	3x33W	2700K	PSU	MB	90

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Control mode	Beam angle	Color rendering
GD309B 3xP33 927 PSR-E 1-10V WB	3x33W	2700K	1-10V	WB	90
GD309B 3xP33 927 PSR-E 1-10V VWB	3x33W	2700K	1-10V	VWB	90
GD309B 3xP33 927 PSR-E 1-10V NB	3x33W	2700K	1-10V	NB	90
GD309B 3xP33 927 PSR-E 1-10V MB	3x33W	2700K	1-10V	MB	90
GD309B 3xP33 927 PSD-E WB	3x33W	2700K	PSD	WB	90
GD309B 3xP33 927 PSD-E VWB	3x33W	2700K	PSD	VWB	90
GD309B 3xP33 927 PSD-E NB	3x33W	2700K	PSD	NB	90
GD309B 3xP33 927 PSD-E MB	3x33W	2700K	PSD	MB	90

FlexCove G5 LS170S G2

PHILIPS

Retail & Hospitality



Fifth-Generation Fully Upgraded LED Light Strip

This fully upgraded Philips FlexCove G5 light strip includes three sub-series, Basic, Pro and HE, with more choices for greater design flexibility. Each meter of the Basic series has 60 or 120 LEDs chips, while each meter of the Pro series has 70 or 140 LEDs. The HE series is equipped with up to 160 LEDs per meter, with a luminous efficacy of up to 140lm/W. The whole series covers a lumen range from 400lm per meter to 2000lm per meter and supports a fixed color temperature of 2700K, 3000K, 3500K, and 4000K, as well as an adjustable color temperature range of 2200-4000K and 2700-6500K. In addition, the RGBW is added, and the color rendering index is available in 80 and 90. The minimum cutting size can be 5cm. An abundance of mounting accessories are provided to meet the lighting needs of different applications. This series can be widely used in hotel, retail store, supermarket, and office, as well as other ambient lighting, decorative lighting, exhibition lighting, and other application scenarios.

Product features

Energy-efficient

125lm/W for Pro series, 140lm/W for HE series

Excellent color performance

With a color rendering index of up to CRI90

Ultra-long life

The HE series, up to 50,000 hours

Flexible cutting

With a minimum cutting length of 5cm

Uniform light color

For the color tolerance between rolls, SDCM \leq 3, and the LEDs may be chosen from 120, 140, or 160 LEDs per meter.

Color light strip

Color RGBW available

Adjustable brightness and color temperature

Adjustment of brightness and color temperature via a simple control system of DALI or 1-10 V

Main Applications

- Shopping malls
- Hospitality
- Retail stores
- Supermarkets
- Restaurant
- Office



Retail & Hospitality

Technical parameter

FlexCove G5-LS170S G2 Basic		LED4	LED8	LED8S	LED12	LED16
Initial lumen typ. (lm)	@830, 1m(-10%~+10%)	420	800	840	1200	1600
Power cons. Typ. (W)	@830, 1m(-10%~+10%)	3.9	7.6	7.8	11.5	15.5
Efficacy (lm/W)	@830,1m	105	105	105	104	102
Color consistency [SDCM]	between rolls				≤3	
Lifetime (ta 25°C) @B50L70 Hrs.				30,000		
Operating temp range [°C]				-20~45 °C		
Electrical class				Class III		
IP				IP20 / IP44		
IK				IK03		
CRI	CRI 80	Ra ≥80; R9 ≥ 0				
	CRI 90	Ra ≥90; R9 ≥ 40				
CCT [K]				2700, 3000, 3500, 4000		
Supply Voltage				24VDC ±10%		
Driver type (Fixed,1-10V,DALI)				Fixed		
Min. cut length [cm]		10	10	5	5	5
Roll Length [m]		5	5	5	5	5
LED Qty. [pcs/m]		60	60	120	120	120
Packing				10 in 1/industrial box		

Technical parameter

FlexCove G5 – LS170S Pro		LED4	LED8	LED8S	LED12	LED16	LED20
Initial lumen typ. (lm)	@830, 1m(-10%~+10%)	450	820	880	1250	1650	2000
Power cons. Typ. (W)	@830, 1m(-10%~+10%)	3.4	6.8	6.8	10	13.6	16.5
Efficacy (lm/W)	@830,1m	125	125	125	125	125	125
Color consistency [SDCM]	between rolls	≤3					
Lifetime (ta 25°C) @B50L70 Hrs.		30,000					
Operating temp range [°C]		-20~45 °C					
Electrical class		Class III					
IP		IP20 / IP44					
IK		IK03					
CRI	CRI 80	Ra ≥=80; R9 ≥= 0					
	CRI 90	Ra ≥=90; R9 ≥= 40					
CCT [K]		2700, 3000, 3500, 4000					
Supply Voltage		24VDC ±10%					
Driver type (Fixed,1-10V,DALI)		Fixed,1-10V,DALI					
Min. cut length [cm]		10	10	5	5	5	5
Roll Length [m]		5	5	5	5	5	5
LED Qty. [pcs/m]		70	70	140	140	140	168
Packing		10 in 1/industrial box					

Technical parameter

FlexCove G5-LS170S Pro		LED20 (HE)	LED8 (RGBW)	LED9 (TWH)	LED10 (TWH)
Initial lumen typ. (lm)	@830, 1m(-10%~+10%)	2000	820	950	1000
Power cons. Typ. (W)	@830, 1m(-10%~+10%)	14.4	12	9.2	9.2
Efficacy (lm/W)	@830,1m	140	65	105	110
Color consistency [SDCM]	between rolls	≤5	≤3(W:3000K)	≤3	≤3
Lifetime (ta 25°C) @B50L70 Hrs.		50,000	30,000	30,000	30,000
Operating temp range [°C]		-20~45	-20~45	-20~45	-20~45
Electrical class		Class III	Class III	Class III	Class III
IP		IP20	IP44	IP44	IP44
IK		IK03	IK03	IK03	IK03
CRI	CRI 90	Ra ≥=90; R9 ≥= 40	Ra ≥=90; R9 ≥= 40	Ra ≥=90; R9 ≥= 40	Ra ≥=90; R9 ≥= 40
CCT [K]		3000 , 4000	RGBW(W:3000K)	2200-4000	2700-6500
Supply Voltage		24VDC ±10%	24VDC ±10%	24VDC ±10%	24VDC ±10%
Driver type (Fixed,1-10V,DALI)		Fixed,1-10V,DALI	Fixed(plug controller)	Fixed(plug controller)	Fixed(plug controller)
Min. cut length [cm]		5	16.7	10	10
Roll Length [m]		5	5	5	5
LED Qty. [pcs/m]		160	42+42	70+70	70+70
Packing		10 in 1/industrial box			

Flex Cove G5 – Accessories – IP20

AC170Z surface mount triangle L1000	AC170Z surface mount High H L1000	AC170Z surface mount Low H L1000	AC170Z recessed High H L1000	AC170Z recessed High H L1000
AC170Z connector with leader cable IP20		LED4 - LED16, both BASIC & PRO		
AC170Z connector IP20		LED4 - LED16, both BASIC & PRO		
AC170Z mounting clip IP20		LED4- LED16, both BASIC & PRO		
AC170Z mounting clip IP20 LED20		APPLY for ALL IP20 version		
AC170Z connector with leader PRO		APPLY for ALL IP20 version		
AC170Z connector PRO		APPLY for ALL IP20 version		

Flex Cove G5 – Accessories – IP44

AC170Z surface mount triangle L1000	AC170Z surface mount High H L1000	AC170Z surface mount Low H L1000	AC170Z recessed High H L1000	AC170Z recessed High H L1000

IP44 version, to raise ETO code for ABOVE 5 ACCESSORY USING.

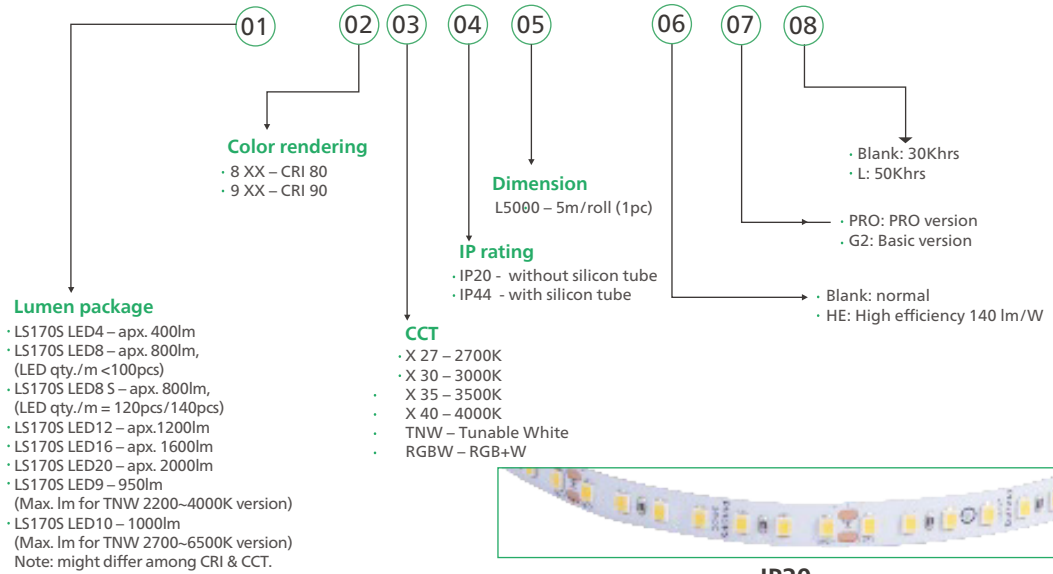
AC170Z connector with leader cable IP44		LED - LED16, both BASIC & PRO, Exclude TNW & RGBW		
AC170Z connector IP44		LED4 - LED16, both BASIC & PRO, Exclude TNW & RGBW		
AC170Z End cap IP44 TNW RGBW		TUNABLE WHITE & RGBW		
AC170Z End cap IP44		LED4 - LED16, both BASIC & PRO, Exclude TNW & RGBW		
AC170Z mounting clip IP44 TNW RGBW		TUNABLE WHITE & RGBW		
AC170Z mounting clip IP44		LED4 - LED16, both BASIC & PRO, Exclude TNW & RGBW		
AC170Z connector with leader PRO		LED20, Exclude TNW & RGBW		
AC170Z connector PRO		LED20, Exclude TNW & RGBW		

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Flex Cove G5 – Product Options

LS170S LED20 940 IP20 L5000 HE PRO L



IP20



IP44

Flex Cove G5 – System Architecture – FIXED (ON/OFF)

Wiring /connection for fixed output version



24V DC Power Supply:

- 9290 034 26480 CertaDrive LED Transformer 30W 24VDC
- 9290 034 26580 CertaDrive LED Transformer 60W 24VDC
- 9290 034 26680 CertaDrive LED Transformer 120W 24VDC
- 9137 100 32267 LED Transformer 60W 24VDC
- 9137 100 32567 LED Transformer 120W 24VDC

Flex Cove G5 – System Architecture – DALI dimming

Wiring /connection for DALI control output version



24V DC DALI Power Supply:

- 9290 022 00606 LED Transformer 100W 24VDC TD 220-240V
- 9290 022 00706 LED Transformer 150W 24VDC TD 220-240V

Flex Cove G5 – System Architecture – 1-10V dimming

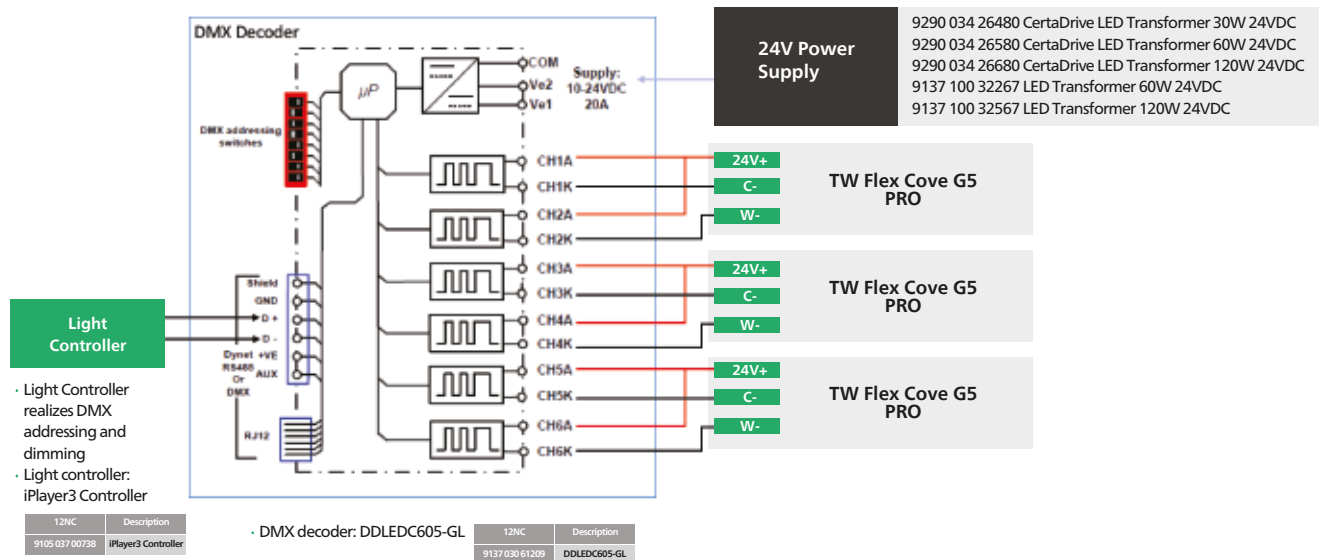
Wiring /connection for 1-10V control output version



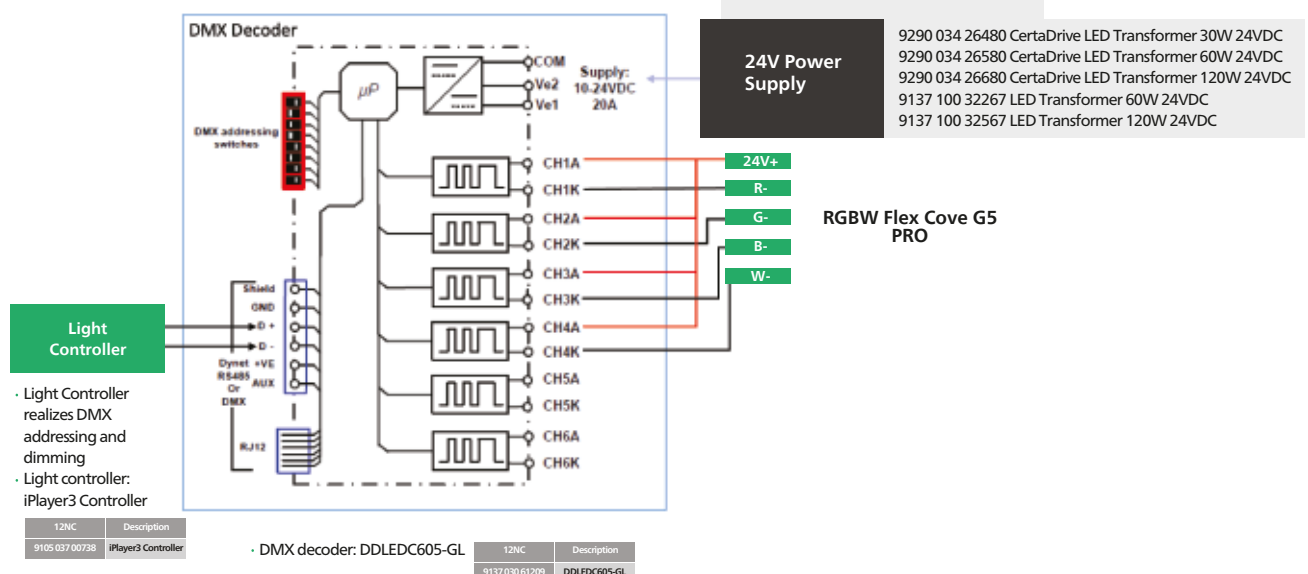
24V DC 1-10V Power Supply:

- 9290 028 25880 Xi LED Transformer 30W 1-10V 24VDC
- 9290 028 25980 Xi LED Transformer 60W 1-10V 24VDC
- 9290 028 26180 Xi LED Transformer 150W 1-10V 24VDC

Flex Cove G5 – System Architecture – Tunable White (DMX)



Flex Cove G5 – System Architecture – RGBW (DMX)



Projectors and Tracks

Compare the features of our selection of projector and track, from the simplest to the most advanced solution.

Portfolio Summary

StyliD Evo Projector
ST770T (Compact)
ST780T (Performance)



- Flexibility of installation: suitable for high ceilings with luminous flux up to 6,000 lm, 3-circuit track installation, DALI or Maxos Fusion
- Beams and/or accessories can be changed easily and without tools.
- EU origin version available

GreenSpace Accent
Gen2 Projector
ST321T/S/Y



- Sophisticated design with integrated driver
- Flexible installation on 3-circuit track, DALI, Maxos Fusion or Coreline Gen2 track
- EU origin version available

3D Track Series



- Customizable design with 12 finishes to choose
- Designed for the circular economy: recyclable polycarbonate and 3 finishes in 65% recycled polycarbonate
- EU origin version available

GreenSpace Accent
Mini Projector ST315T



- Discreet integration into any interior: tubular shape, 80 mm diameter with integrated driver
- EU origin version available

Applications	System flux	Light efficiency	Service life	Beam	Color temperature	CRI	Ø (mm)	Length (mm)	Finishes	Track/ Connector	Connectivity	Standard warranty
Supermarkets	1700 to 6 000 lm	Upto 130 lm/ W	50 000 h L80	12° to 60° and 20°x68°	2 700 K 3 000 K 4 000 K	CRI 80 CRI 90	90/ 120	125/ 146	White Black Grey	Maxos Fusion 3 Circuit Track	Versions Interact Ready	5 Years
Supermarkets	1700 to 4 900 lm	Upto 146 lm/W	50 000 h L80	10° to 54°	2 700 K 3 000 K 4 000 K	CRI 80 CRI 90	100	187	White Black Grey	Maxos Fusion 3 Circuit Track	Versions Interact Ready	5 Years
Large-area stores or convenience stores	1700 to 4 200 lm	Upto 145 lm/W	50 000 h L80	22° to 60°	2 700 K 3 000 K 4 000 K	CRI 80 CRI 90	90	125	12 finishes to choose	3 Circuit Track	Versions Interact Ready	5 Years
Small retail stores and fashion boutiques	1900 to 3 900 lm	Upto 168 lm/ W	50 000 h L80	12° to 60°	2 700 K 3 000 K 4 000 K	CRI 80 CRI 90	80	181	White Matte Grey	3 Circuit Track	Versions Interact Ready	5 Years

Projectors and Tracks

Retail & Hospitality

Compare the features of our selection of projector and track, from the simplest to the most advanced solution.



Portfolio Summary

True Fashion
ST700T



- Quality of light for Retail customers with Fashion proof optics (FPO) Lens and LED flavors
- Miniaturized design with slim spot barrel and inside track driver
- Excellent Heatsink performance and Reliable quality.
- Two Color options: Black & White
- Reduced glare with Honeycomb

Coreline Projector gen2
ST151T



- Attractive price / Performance ratio

GreenUp Track Spotlight
Series ST306T



- Aesthetic appearance and compact design
- Versatile offering, available in multiple powers, beam angles, and color temperature
- Restore true colors with a high color rendering index of CRI.90.
- Comfortable and bright
- Visual comfort design, good glare control, without stroboscopic effect

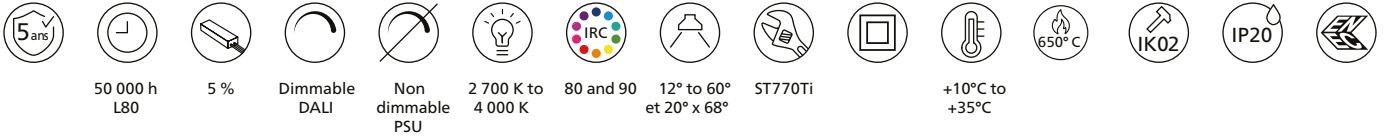
GreenUp Magnetic Flex
Magnetic Series
ST307M



- Bezel Free Magnetic Luminaire for Innovative High-quality interiors.
- Versatile Offering, five types of luminaires and two control modes available (PSU/1-10V).
- Supporting magnetic track mounting. Fully equipped and complete system available.

Applications	System flux	Light efficiency	Service life	Beam	Color temperature	CRI	Ø (mm)	Length (mm)	Finishes	Track/ Connector	Connectivity	Standard warranty
<ul style="list-style-type: none"> • Fashion Specialty Store • Gallery • Fresh Food • Supermarket 	1070lm to 4030lm	Upto 92lm/W	50,000 h @L70B50	XNB: 11° NB: 13° to 19° MB: 23° to 24° WB: 32° to 34°	3000K/4000K (STD) PW/PC	80 / 90	Ø66 & Ø80	185	White RAL9003/ Black RAL9011	1 Circuit Track	No	5 Years
Small retail stores and fashion boutiques	3000 lm	Upto 100 lm/W	50 000 h L70	25° to 38°	2 700 K 3 000 K 4 000 K	CRI≥90	80	125	White Matte Black	3 Circuit Track	No	5 Years
<ul style="list-style-type: none"> • Retail stores and supermarkets • Exhibition halls 	850 to 4200lm	Upto 105lm/W	25000 h @L70B50 (ETO: 50K h @L70B50)	15°/24°/36°	3000K 4000K 5000K	CRI≥90	Ø92 & Ø115	150 & 170	Body color: black/white Reflector color: silver/black	1 Circuit Track	No	5 years (ETO on request)
<ul style="list-style-type: none"> • Office • Retail industry • Hospitality • Conference room 	ST307M ST: 395lm to 675lm ST307M SS: 300 lm to 450 lm LUM ST307M GD: 1050 lm to 1275lm ST307M GL: 525 lm to 600lm ST307M TG: 975 lm to 1275lm	Upto 85lm/W (maximum)	25000 h @L70B50 (ETO: 50000 hrs)	ST307M ST: 15°/24°/40° ST307M SS: 15°/24°/36° LUM ST307M GD: 30° ST307M GL: 110° ST307M TG: 30°	3000K 4000K	CRI≥90	-	Refer to MI document	Refer to MI document	Magnetic Track	No	5 years (ETO on request)

StyliD Evo Compact Spotlight ST770T



PHILIPS
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ready.

FreshFood*
LED shades

LED shades
Fashion*

The compact, high-performance, upgradeable

- Semi-recessed version suitable for false ceilings
- Beams and accessories can be changed easily and without tools
- Protected from dust and insect infiltration
- Oval optics for lighting specific areas
- Barn doors available as accessories
- Unrivalled visual comfort and efficiency thanks to PerfectAccent reflectors
- Available as an Interact ready connected version, find out more about Interact: www.interact-lighting.com



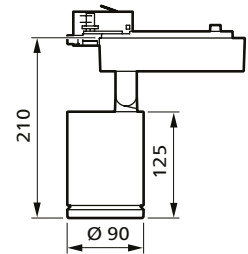
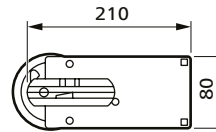
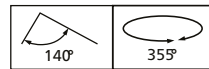
White version



Black version



Gray version



Dimensions en mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. (lm/W)	Color temp (K)	Beam (°)
CRI80 - 3000K, Equivalent flux CDM 35W - 1700lm, non-dimmable (PSU), medium beam (MB), black (BK)					
ST770T 17S/930 PSU MB FG BK	1 700	14	114	3 000	24
CRI80 - 3000K, Equivalent flux CDM 35W - 2000lm, non-dimmable (PSU), medium beam (MB), front glass (FG), white(WH)					
ST770T 20S/830 PSU NB FG WH	2 000	20,6	97	3 000	12
CRI80, Equivalent flux CDM Elite 35W - 2700lm, non-dimmable (PSU), medium (MB), wide (WB) or very wide beam (VWB), front glass (FG), white (WH)					
ST770T 27S/827 PSU WB FG WH	2 700	23,5	115	2 700	36
ST770T 27S/830 PSU MB FG WH	2 700	23,5	115	3 000	24
ST770T 27S/840 PSU VWB FG WH	2 700	23,5	120	4 000	60
CRI90 - 3000K, Equivalent flux CDM Elite 35W - 2700lm, non-dimmable (PSU), medium beam (MB), front glass (FG), Silver-Grey (SI)					
ST770T 27S/930 PSU MB FG SI	2 700	26	103	3 000	24
Champagne (CH), Equivalent flux CDM Elite 35W - 2700lm, non-dimmable (PSU), medium beam (MB), front glass (FG),black (BK)					
ST770T 27S/CH PSU MB FG BK	2 700	23,5	115	2 700	24
FreshMeat (FMT), Equivalent flex CDM Elite 35W-2700lm, non dimmable (PSU), medium beam (MB), front glass (FG), Black (BK)					
ST770T 27S/FMT PSU MB FG BK	2 700	35	77	3 000	24
Frost (FR), Equivalent flex CDM Elite 35W-2700lm, non dimmable (PSU), medium beam (MB), front glass (FG), Black (BK)					
ST770T 27S/FR PSU MB FG BK	2 700	32,5	83	5 000	24
Rose (ROSE), Equivalent flex CDM Elite 35W-2700lm, non dimmable (PSU), medium beam (MB), front glass (FG), Black (BK)					
ST770T 27S/ROSE PSU MB FG BK	2 700	29	93	2 200	24

*See additional information at the beginning of the Retail chapter

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
CRI90 - 3000K, PremiumColor (PC930) or PremiumWhite (PW930), Equivalent flux CDM Elite 35W - 2700lm, non-dimmable (PSU), medium beam (MB), front glass (FG), Silver-Grey (SI)					
ST770T 27S/PC930 PSU MB FG SI	2 700	25	106	3 000	24
ST770T 27S/PW930 PSU MB FG SI	2 700	26	103	3 000	24
CRI80, Equivalent flux CDM Elite 35W - 2700lm, DALI dimmer (DIA), oval horizontal beam (OVL-H) or high reflection (HOVL-H), white (WH)					
ST770T 27S/827 DIA-VLC OVL-V WH	2 700	23,5	115	2 700	20x68
ST770T 27S/830 DIA-VLC HOVL-H WH	2 700	23,5	115	3 000	20x68
ST770T 27S/830 DIA-VLC OVL-H WH	2 700	23,5	115	3 000	20x68
CRI90 - 3000K, PremiumWhite (PW930), Equivalent flux CDM Elite 35W - 2700lm, DALI dimmer (DIA), medium beam high reflection (HMB), white (WH)					
ST770T 27S/PW930 DIA-VLC HMB WH	2 700	23	120	3 000	24
CRI80, Equivalent flux CDM Elite 70W - 3900lm, non-dimmable (PSU), medium beam (MB) or wide beam (WB), front glass (FG), white (WH)					
ST770T 39S/827 PSU WB FG WH	3 900	31,5	119	2 700	36
ST770T 39S/830 PSU MB FG WH	3 900	31,5	123	3 000	24
ST770T 39S/840 PSU MB FG WH	4 000	28	142	4 000	24
CRI90 - 3000K, Equivalent flux CDM Elite 70W - 3900lm, non-dimmable (PSU), medium beam (MB), front glass (FG), black (BK)					
ST770T 39S/930 PSU MB FG BK	3 900	36	108	3 000	24
CRI80, Equivalent flux CDM Elite 70W - 3900lm, DALI dimmer (DIA), oval horizontal beam (OVL-H) or high reflection (HOVL-H), white (WH) or Silver-Grey (SI)					
ST770T 39S/827 DIA-VLC OVL-V WH	3 900	31,5	119	2 700	20x68
ST770T 39S/830 DIA-VLC HOVL-H SI	3 850	29	130	3 000	20x68
ST770T 39S/830 DIA-VLC OVL-H WH	3 900	31,5	123	3 000	20x68
CRI90 - 3000K, PremiumColor (PC930) or PremiumWhite (PW930), Equivalent flux CDM Elite 70W - 3900lm, non-dimmable (PSU), medium beam (MB), front glass (FG), black (BK)					
ST770T 39S/PC930 PSU MB FG BK	3 600	36	100	3 000	24
ST770T 39S/PW930 PSU MB FG BK	3 900	36	108	3 000	24
CRI80, Equivalent flux CDM Elite 70W - 4900lm, non-dimmable (PSU), medium beam (MB) or wide beam (WB), front glass (FG), Silver-Grey (SI) or white (WH)					
ST770T 49S/827 PSU WB FG SI	4 750	37,5	127	2 700	36
ST770T 49S/830 PSU MB FG SI	4 900	37,5	131	3 000	24
ST770T 49S/840 PSU MB FG WH	5 100	37,5	136	4 000	24
CRI90 - 3000K, Equivalent flux CDM Elite 70W - 4900lm, non-dimmable (PSU), medium beam (MB), front glass (FG), black (BK)					
ST770T 49S/930 PSU MB FG BK	4 500	40	113	3 000	24
CRI80 - 3000K, Equivalent flux CDM Elite 70W - 4900lm, DALI dimmer (DIA), oval horizontal beam high reflection (HOVL-H), white (WH)					
ST770T 49S/830 DIA-VLC HOVL-V WH	5 000	37,5	133	3 000	20x68
CRI90 - 3000K, PremiumWhite (PW930), Equivalent flux CDM Elite 70W - 4900lm, DALI dimmer (DIA), very wide beam (VWB), front glass (FG), white (WH)					
ST770T 49S/PW930 DIA-VLC VWB FG WH	4 500	40	113	3 000	60

StyliD Evo Performance Projector ST780T



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FreshFood*
LED shades

The high-performance, upgradeable LED projector

- Suitable for high ceilings with luminous flux up to 6000 lm
- Beams and accessories can be changed easily and without tools
- Protected from dust and insect infiltration
- Oval optics for lighting specific areas
- Barn doors available as accessories
- Unrivalled visual comfort and efficiency thanks to PerfectAccent reflectors
- Available as an Interact ready connected version, find out more about Interact: www.interact-lighting.com



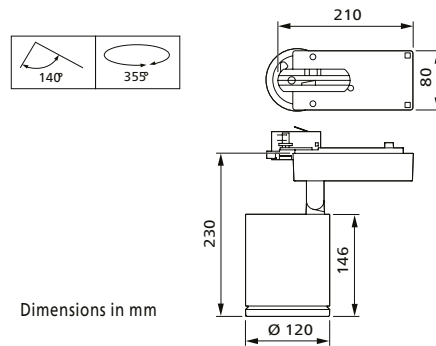
White version



Black version



Grey version



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
CRI80, 3900lm, non-dimmable (PSU), narrow beam (NB), front glass (FG), white (WH)					
ST780T 39S/827 PSU NB FG WH	3 500	29	120	2 700	12
ST780T 39S/830 PSU NB FG WH	3 700	29	127	3 000	12
ST780T 39S/840 PSU NB FG WH	3 850	29	133	4 000	12
CRI90 - 3000K, 3900lm, non-dimmable (PSU), narrow beam (NB), front glass (FG), white (WH)					
ST780T 39S/930 PSU NB FG WH	3 500	41	86	3 000	12
CRI80, 4900lm, non-dimmable (PSU), medium beam (MB), wide beam (WB) or very wide beam (VWB), front glass (FG), white (WH)					
ST780T 49S/827 PSU WB FG WH	4 750	37,5	127	2 700	36
ST780T 49S/830 PSU MB FG WH	4 900	37,5	131	3 000	24
ST780T 49S/840 PSU VWB FG WH	5 100	37,5	136	4 000	60
CRI90 - 3000K, 4900lm, non-dimmable (PSU), medium beam (MB), front glass (FG), Silver-Grey (SI)					
ST780T 49S/930 PSU MB FG SI	4 500	40	113	3 000	24
CRI90 - 3000K, PremiumWhite (PW930), 4900lm, non-dimmable (PSU), medium beam (MB), front glass (FG), Silver-Grey (SI)					
ST780T 49S/PW930 PSU MB FG SI	4 500	40	113	3 000	24
CRI80 - 3000K, 4900lm, DALI dimmer (DIA), oval horizontal beam (OVL-H) or high reflection (HOVL-H), white (WH) or black (BK)					
ST780T 49S/830 DIA-VLC HOVL-H BK	5 000	37,5	133	3 000	20x68
ST780T 49S/830 DIA-VLC OVL-H WH	4 900	37,5	131	3 000	20x68
CRI80, 6000lm, non-dimmable (PSU), medium beam (MB) or wide beam (WB), front glass (FG), white (WH) or Silver-Grey (SI)					
ST780T 60S/827 PSU WB FG SI	5 900	50	118	2 700	36
ST780T 60S/830 PSU MB FG WH	6 050	50	121	3 000	24
ST780T 60S/840 PSU MB FG WH	6 400	50	128	4 000	24

*See additional information at the beginning of the Retail chapter

StyliD Evo Projector Accessories

StyliD Evo Compact Projector barn doors



Designation

Barn doors

ST770Z BD

StyliD Evo Compact Projector reflectors



Designation

Reflector with glass for beam OVL-H

ST770Z OVL-H FG

Reflector with glass for beam OVL-V

ST770Z OVL-V FG

Reflector with glass for beam NB

ST770Z SFR LED20S NB FG

Reflector with glass for beam MB

ST770Z SFR MB FG

Reflector with glass for beam VWB

ST770Z SFR VWB FG

Reflector with glass for beam WB

ST770Z SFR WB FG

StyliD Evo Performance Projector barn doors



Designation

Barn doors

ST780Z BD

StyliD Evo Performance Projector reflector



Designation

Reflector with glass for beam OVL-V

ST780Z OVL-V FG

Reflector with glass for beam NB

ST780Z SFR LED39S NB FG

Reflector with glass for beam MB

ST780Z SFR MB FG

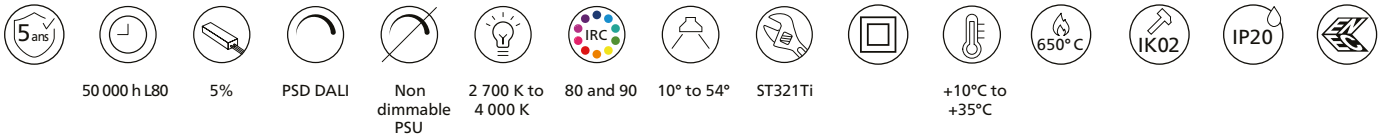
Reflector with glass for beam VWB

ST780Z SFR VWB FG

Reflector with glass for beam WB

ST780Z SFR WB FG

GreenSpace Accent Projector gen2 ST321T



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FreshFood*
LED shades

LED shades
Fashion*

The versatile, flexible and affordable LED projector for commercial applications

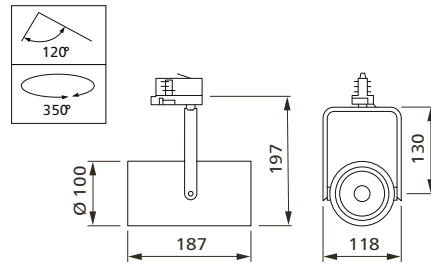
- Clean, robust design
- Optimized solution: specialized FreshFood, Premium White and Premium Color shades
- PerfectAccent reflectors improve visual comfort for consumers
- High light efficiency: up to 146 lm/W
- Available as an Interact ready connected version, find out more about Interact: www.interact-lighting.com



Black version



Grey version



Dimension in mm

Comprehensive selection of product codes available, contact Signify Middle East.

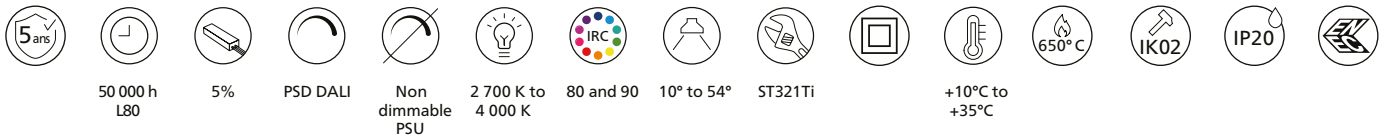
Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Rose (ROSE), Flux 1900lm, non-dimmable (PSU), Medium beam (MB) or medium high reflection beam (HMB), Black (BK) or White (WH)					
ST321T LED19S/ROSE PSU HMB FG BK	1900	20,5	93	2 200	24
ST321T LED19S/ROSE PSU MB FG WH	1900	20,5	93	2 200	24
FreshMeat (FMT), Flux 1900lm, non-dimmable (PSU), medium beam (MB) or medium high reflection beam (HMB), Black (BK) or White (WH)					
ST321T LED19S/FMT PSU HMB FG BK	1900	22	86	3 000	24
ST321T LED19S/FMT PSU MB FG WH	1900	22	86	3 000	24
CRI90 - 3000K, PremiumWhite (PW930), Flux 2000lm, non-dimmable (PSU), Narrow beam (NB) or high reflection narrow beam (HNB), Black (BK)					
ST321T LED20S/PW930 PSU HNB BK	2 000	20,5	98	3 000	10
ST321T LED20S/PW930 PSU NB BK	2 000	20,5	98	3 000	10
CRI80 - 2700K, Flux 2700lm, non-dimmable (PSU), medium beam (MB) or medium high reflection beam (HMB), Silver (SI)					
ST321T LED27S/827 PSU HMB SI	2 700	19	142	2 700	24
ST321T LED27S/827 PSU MB SI	2 700	23,5	115	2 700	24
CRI80 - 3000K, Flux 2700lm, non-dimmable (PSU), Wide beam (WB) or high reflection wide beam (HWB), Black (BK)					
ST321T LED27S/830 PSU HWB BK	2 700	19	142	3 000	38
ST321T LED27S/830 PSU WB BK	2 700	23,5	115	3 000	38

*See additional information at the beginning of the Retail chapter

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
CRI80 - 4000K, Flux 2700lm, DALI dimmer and VLC (DIA-VLC), Very wide beam (VWB) or high reflection very wide beam (HVWB), Black (BK)					
ST321T LED27S/840 DIA-VLC HVWB BK	2 700	19	142	4 000	54
ST321T LED27S/840 DIA-VLC VWB BK	2 700	23,5	115	4 000	54
Champagne (CH), Flux 2700lm, non-dimmable (PSU), Oval-Horizontal beam (OVL-H) or high reflection Oval-Horizontal (HOVL-H), White (WH)					
ST321T LED27S/CH PSU HOVL-H WH	2 700	19	142	2 700	24
ST321T LED27S/CH PSU OVL-H WH	2 700	23,5	115	2 700	24
FreshMeat (FMT), Flux 2700lm, non-dimmable (PSU), medium beam (MB) or medium high reflection beam (HMB), White (WH)					
ST321T LED27S/FMT PSU HMB FG WH	2 700	31,5	86	3 000	24
ST321T LED27S/FMT PSU MB FG WH	2 700	35	77	3 000	24
Rose (ROSE), Flux 2700lm, non-dimmable (PSU), medium beam (MB) or medium high reflection beam (HMB), White (WH)					
ST321T LED27S/ROSE PSU HMB FG WH	2 700	29	93	2 200	24
ST321T LED27S/ROSE PSU MB FG WH	2 700	29	93	2 200	24
Frost (FR), Flux 2700lm, non-dimmable (PSU), medium beam (MB) or medium high reflection beam (HMB), White (WH)					
ST321T LED27S/FR PSU HMB FG WH	2 700	28,5	95	5 000	24
ST321T LED27S/FR PSU MB FG WH	2 700	32,5	83	5 000	24
CRI90 - 3000K, PremiumColor (PC930), Flux 2700lm, non-dimmable (PSU), medium beam (MB) or medium high reflection beam (HMB), Black (BK)					
ST321T LED27S/PC930 PSU HMB BK	2 700	25	108	3 000	24
ST321T LED27S/PC930 PSU MB BK	2 700	25	108	3 000	24
CRI90 - 3000K, PremiumWhite (PW930), Flux 2700lm, non-dimmable (PSU), medium beam (MB) or medium high reflection beam (HMB), Black (BK)					
ST321T LED27S/PW930 PSU HMB BK	2 700	23	117	3 000	24
ST321T LED27S/PW930 PSU MB BK	2 700	26	104	3 000	24
CRI80 - 3000K, Flux 3900lm, non-dimmable (PSU), medium beam (MB) or medium high reflection beam (HMB), Black (BK)					
ST321T LED39S/830 PSU HMB BK	3 900	29,5	132	3 000	24
ST321T LED39S/830 PSU MB BK	3 900	31,5	124	3 000	24
CRI90 - 3000K, PremiumWhite (PC930), Flux 2700lm, DALI dimmer and VLC (DIA-VLC), Wide beam (WB) or high reflection wide beam (HWB), Black (BK)					
ST321T LED39S/PW930 DIA-VLC HWB BK	3 900	32	122	3 000	38
ST321T LED39S/PW930 DIA-VLC WB BK	3 900	36	108	3 000	38
CRI80 - 3000K, Flux 4900lm, non-dimmable (PSU), medium beam (MB) or medium high reflection beam (HMB), Black (BK)					
ST321T LED49S/830 PSU HMB BK	4 900	38,5	127	3 000	24
ST321T LED49S/830 PSU MB BK	4 900	38,5	127	3 000	24



GreenSpace Accent Projector gen2 for Maxos Fusion rail ST321S



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The versatile, flexible and affordable LED projector compatible with Maxos Fusion rails

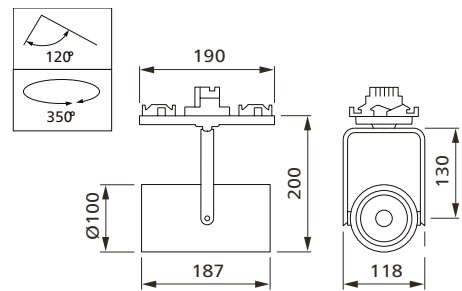
- Clean, robust design
- Optimized solution: specialized FreshFood, Premium White and Premium Color shades
- PerfectAccent reflectors improve visual comfort for consumers
- High light efficiency: up to 146 lm/W
- Compatible with Maxos Fusion rail
- Available as an Interact ready connected version, find out more about Interact: www.interact-lighting.com



Black version



Grey version



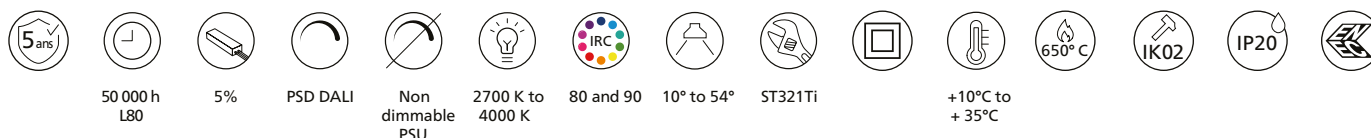
Dimension in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
CRI80 - 3000K, Flux 2700lm, non-dimmable (PSU), Wide beam (WB) or high reflection wide beam (HWB), White (WH)					
ST321S LED27S/830 PSU HWB WH	2 700	19	142	3 000	38
ST321S LED27S/830 PSU WB WH	2 700	23,5	115	3 000	38
CRI90 - 3000K, PremiumColor (PC930), Flux 2700lm, non-dimmable (PSU), medium beam (MB) or medium high reflection beam (HMB), Silver (SI)					
ST321S LED27S/PC930 PSU HMB SI	2 700	25	108	3 000	24
ST321S LED27S/PC930 PSU MB SI	2 700	25	108	3 000	24
CRI90 - 3000K, PremiumWhite (PW930), Flux 2700lm, non-dimmable (PSU), medium beam (MB) or medium high reflection beam (HMB), Black (BK)					
ST321S LED27S/PW930 PSU HMB BK	2 700	23	117	3 000	24
ST321S LED27S/PW930 PSU MB BK	2 700	26	104	3 000	24

*See additional information at the beginning of the Retail chapter

GreenSpace Accent Double Projectors gen2 for CoreLine rail ST321Y



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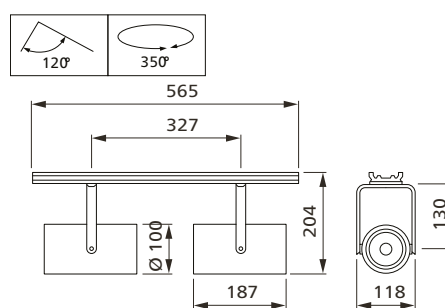


The versatile, flexible and affordable LED projector for CoreLine rails

- Clean, robust design
- Optimized solution: specialized FreshFood, Premium White and Premium Color shades
- PerfectAccent reflectors improve visual comfort for consumers
- High light efficiency: up to 146 lm/W
- Compatible with CoreLine System Rail Gen2
- Available as an Interact ready connected version, find out more about Interact: www.interact-lighting.com



View of connectors



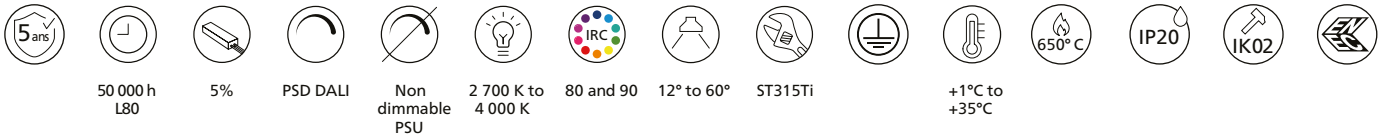
Dimension in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
CRI80 - 3000K, Flux 2700lm, non-dimmable (PSU), medium beam (MB) or wide beam (WB), White (WH)					
ST321Y LED27S/830 PSU MB WH	2 700	23,5	115	3 000	24
CRI80 - 4000K, Flux 2700lm, non-dimmable (PSU), medium beam (MB) or wide beam (WB), White (WH)					
ST321Y LED27S/840 PSU WB WH	2 700	23,5	115	4 000	38
CRI90 - 3000K, PremiumWhite (PW930), Flux 2700lm, DALI dimmer (DIA-VLC), medium beam (MB), White (WH)					
ST321Y LED27S/PW930 DIA-VLC MB WH	2 700	26	104	3 000	24
CRI80 - 3000K, Flux 3900lm, DALI dimmer (DIA-VLC), medium beam (MB), White (WH)					
ST321Y LED39S/830 DIA-VLC MB WH	3 900	31,5	124	3 000	24
CRI80 - 4000K, Flux 3900lm, non-dimmable (PSU), medium beam (MB) or wide beam (WB), White (WH)					
ST321Y LED39S/840 PSU WB WH	3 900	28	139	4 000	38
CRI90 - 3000K, PremiumWhite (PW930), Flux 3900lm, non-dimmable (PSU), medium beam (MB) or wide beam (WB), White (WH)					
ST321Y LED39S/PW930 PSU MB WH	3 900	36	108	3 000	24
CRI80 - 3000K, Flux 4900lm, DALI dimmer (DIA-VLC), medium beam (MB), White (WH)					
ST321Y LED49S/830 DIA-VLC MB WH	4 900	38,5	127	3 000	24
CRI80 - 4000K, Flux 4900lm, non-dimmable (PSU), Wide beam (WB), White (WH)					
ST321Y LED49S/840 PSU WB WH	4 900	38,5	127	4 000	38

*See additional information at the beginning of the Retail chapter

GreenSpace Accent Mini Projector ST315T



PHILIPS

Retail & Hospitality



The high-quality LED Mini architectural projector

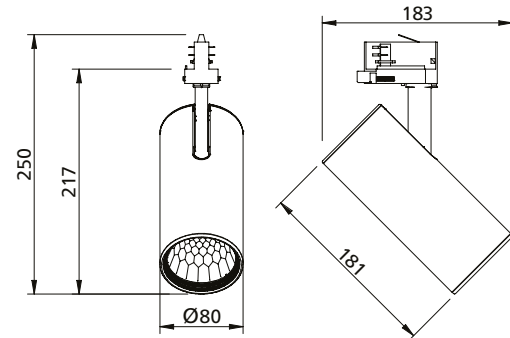
- Meticulous design integrates with most of the interior spaces: tubular shape, 80 mm diameter with integrated driver
- Optimized solution for multiple applications: available in FreshFood and Fashion colors, with a wide choice of beams*.
- Fast return on investment: < 1 year, compared with a conventional solution



Black version



Grey version



Dimension in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
CRI 80 - 3000K, equivalent flux CDM Elite 35W, non-dimmable (PSU), beam 24°, Black (BK) or White (WH)					
ST315T LED27S/830 PSU FR24 WH	2 700	24	112	3 000	24
ST315T LED27S/830 PSU FR24 BK	2 700	24	113	3 000	24
CRI 80 - 3000K, equivalent flux CDM Elite 35W, non-dimmable (PSU), beam 36°, Black (BK) or White (WH)					
ST315T LED27S/830 PSU FR36 BK	2 700	24	113	3 000	36
CRI 80 - 2700K, equivalent flux CDM 70W, non-dimmable (PSU), beam 24°, Black (BK) or White					
ST315T LED39S/827 PSU FR24 BK	3 900	31,5	119	2 700	24
ST315T LED39S/827 PSU FR24 WH	3 900	31,5	119	2 700	24
CRI 80 - 2700K, equivalent flux CDM 70W, non-dimmable (PSU), beam 36°, Black (BK) or White (WH)					
ST315T LED39S/827 PSU FR36 BK	3 900	31,5	119	2 700	36
ST315T LED39S/827 PSU FR36 WH	3 900	31,5	119	2 700	36
CRI 80 - 3000K, equivalent flux CDM 70W, non-dimmable (PSU), beam 24°, Black (BK) White (WH) or Silver-Grey (SI)					
ST315T LED39S/830 PSU FR24 BK	3 900	31,5	122	3 000	24
ST315T LED39S/830 PSU FR24 SI	3 900	31,5	122	3 000	24
ST315T LED39S/830 PSU FR24 WH	3 900	31,5	122	3 000	24
CRI 80 - 3000K, equivalent flux CDM 70W, non-dimmable (PSU), beam 30°, White (WH)					
ST315T LED39S/830 PSU FR30 WH	3 900	31,5	122	3 000	30

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
CRI 80 - 3000K, equivalent flux CDM 70W, non-dimmable (PSU), beam 36°, Black (BK) White (WH) or Silver-Gray (SI)					
ST315T LED39S/830 PSU FR36 BK	3 900	31,5	122	3 000	36
ST315T LED39S/830 PSU FR36 WH	3 900	31,5	122	3 000	36
ST315T LED39S/830 PSU FR36 SI	3 900	31,5	122	3 000	36
CRI 80 - 3000K, equivalent flux CDM 70W, non-dimmable (PSU), beam 60°, Black (BK) or White					
ST315T LED39S/830 PSU FR60 WH	3 900	31,5	122	3 000	60
ST315T LED39S/830 PSU FR60 BK	3 900	31,5	122	3 000	60
CRI 80 - 4000K, equivalent flux CDM 70W, non-dimmable (PSU), beam 24°, Black (BK) or White					
ST315T LED39S/840 PSU FR24 BK	3 900	31,5	129	4 000	24
ST315T LED39S/840 PSU FR24 WH	3 900	31,5	129	4 000	24
CRI 80 - 4000K, equivalent flux CDM 70W, non-dimmable (PSU), beam 36°, Black (BK) or White					
ST315T LED39S/840 PSU FR36 BK	3 900	31,5	129	4 000	36
ST315T LED39S/840 PSU FR36 WH	3 900	31,5	129	4 000	36
Shade Champagne (CH), Equivalent flux CDM 35W, non-dimmable (PSU), beam 24°, Black (BK)					
ST315T LED27S/CH PSU FR24 BK	3 900	23,5	115	2 700	24
CRI90 - 3000K, Shade PremiumColor (PC930), Equivalent flux CDM 35W, non-dimmable (PSU), beam 12°, Black (BK)					
ST315T LED20S/PC930 PSU FR12 BK	2 000	23,5	85	3 000	12
Shade Denim (DNM), Equivalent flux CDM 35W, non-dimmable (PSU), beam 24°, Black (BK)					
ST315T LED27S/DNM PSU FR24 BK	2 700	28,5	95	3 000	24
CRI90 - 3000K, Shade PremiumColor (PC930), Equivalent flux CDM 35W, non-dimmable (PSU), beam 24°, white (WH)					
ST315T LED27S/PC930 PSU FR24 WH	2 700	28,5	95	3 000	24
CRI90 - 3000K, PremiumWhite (PW930), Equivalent flux CDM 35W, non-dimmable (PSU), beam 12°, Black (BK), White (WH)					
ST315T LED20S/PW930 PSU FR12 BK	2 000	23,5	85	3 000	12
ST315T LED20S/PW930 PSU FR12 WH	2 000	23,5	85	3 000	12
CRI90 - 3000K, PremiumWhite (PW930), Equivalent flux CDM 35W, non-dimmable (PSU), beam 18°, Black (BK)					
ST315T LED27S/PW930 PSU FR18 BK	2 700	28	96	3 000	18
CRI90 - 3000K, PremiumWhite (PW930), Equivalent flux CDM 35W, non-dimmable (PSU), beam 24°, Black (BK), White (WH)					
ST315T LED27S/PW930 PSU FR24 BK	2 700	28	96	3 000	24
ST315T LED27S/PW930 PSU FR24 WH	2 700	28	96	3 000	24
CRI90 - 3000K, PremiumWhite (PW930), Equivalent flux CDM 35W, dimmable DALI (PSD), beam 24°, Black (BK)					
ST315T LED27S/PW930 PSD FR24 BK	2 700	28	96	3 000	24
CRI90 - 3000K, PremiumWhite (PW930), Equivalent flux CDM 35W, non-dimmable (PSU), beam 30°, Black (BK)					
ST315T LED27S/PW930 PSU FR30 BK	2 700	28	96	3 000	30
CRI90 - 3000K, PremiumWhite (PW930), Equivalent flux CDM 35W, non-dimmable (PSU), beam 36°, Black (BK)					
ST315T LED27S/PW930 PSU FR36 BK	2 700	28	96	3 000	36
CRI90 - 3000K, PremiumWhite (PW930), Equivalent flux CDM 35W, non-dimmable (PSU), beam 60°, Black (BK)					
ST315T LED27S/PW930 PSU FR60 BK	2 700	28	96	3 000	60
CRI90 - 3500K, PremiumWhite (PW935), Equivalent flux CDM 35W, non-dimmable (PSU), beam 24°, Black (BK)					
ST315T LED27S/PW935 PSU FR24 BK	2 700	26	104	3 500	24
CRI90 - 4000K, PremiumWhite (PW940), Equivalent flux CDM 35W, non-dimmable (PSU), beam 24°, White (WH)					
ST315T LED27S/PW940 PSU FR24 WH	2 700	25	108	4 000	24

True Fashion Projectors ST700T

PHILIPS

Retail & Hospitality



LED Projectors with Integrated Fashion Optical Lens

New on the Market Philips True Fashion Spotlights are high quality projectors customized for high end retail end users (worldwide, nationwide) with fashion specific optical lenses (FPO) and LED custom light formulations. Compact and slim Projectors compatible with PSU DALI VLC options, and fit a variety of store design styles.

Product features

Special Optical Lens

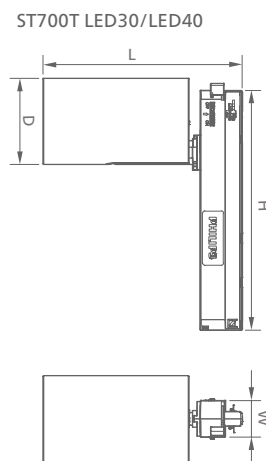
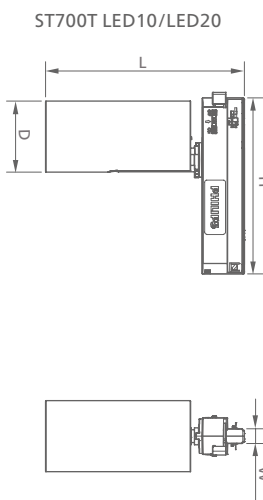
Full focus of light, no spill light (no halo). High intensity accent lighting creates high contrast and attracts customers lens compatible with Philips' fashionable LED light formulations. Honeycomb design to reduce glare.

Create A Superior Contrast Effect

The FPO optical lens increases the central light intensity by nearly 30%, creating high contrast and high intensity light, focusing the beam and creating a strong contrast effect.

Restore True Color

Specializing in retail customers allows the display of goods to shine, highly restoring the true color of goods and enhancing color saturation.



Model	D(mm)	L(mm)	H(mm)	W(mm)
ST700T LED10	Ø66	185	164	34
ST700T LED20	Ø66	185	164	34
ST700T LED30	Ø80	185	233	34
ST700T LED40	Ø80	185	233	34

Main Applications

- Fashion Specialty Store
- Gallery
- Fresh Food
- Supermarket



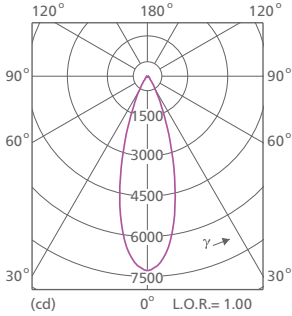
Technical Parameters

Product Model		True Fashion ST700T			
Lumen (830@ Extremely Narrow Beam) (±10%)	1070lm	1430lm	N/A	N/A	
Lumen (830@ Narrow Beam) (±10%)	1150lm	2050lm	2520lm	3500lm	
Lumen (830@ Medium Beam) (±10%)	1150lm	2050lm	3450lm	4250lm	
Lumen (830@ Wide Beam) (±10%)	1080lm	1930lm	3310lm	4030lm	
Wattage (@ Medium Beam) (±10%)	10.7W	22.3W	38.1W	43.8W	
Beam Angle	Extremely Narrow Beam	11°±2	N/A	N/A	
	Narrow Beam	15°±2	13°±2	19°±2	
	Medium Beam	24°±2	23°±2	24°±2	
	Wide Beam	30°±2	33°±2	34°±2	
CCT/ Light Formulation	3000K/4000K, STD/PW/PC				
Color Rendering Index	80/90				
Color Tolerance	SDCM≤3				
Adjustable Angle	Horizontal: 0°-350°; Vertical: 0°-90°				
Converter/Track	1C converter				
Size	066 x H135mm (Lamp Head)		080 x H135mm (Lamp Head)		
	L162 x W31 x H44mm (Drive Box)		L224 x W31 x H44mm (Drive Box)		
Voltage	AC 220~240V, 50/60Hz				
Power Factor	0.9				
Driver	1C Track Drive				
Protection Grade	IP20				
Classification	Class II				
Lifetime	50,000 hours @L70B50@Ta25°C				
Operating Temperature	-15°C~35°C				
Installation	1C track				
Certification	CCC/CB/CE				
Body Color	White RAL9003/Black RAL9011				

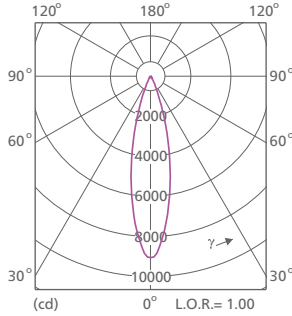
Light Distribution Curve

Retail & Hospitality

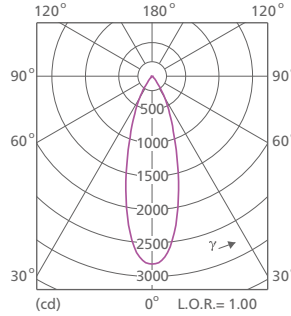
ST700T LED30 930PC PSU
1C BK/WH 1xLED WB



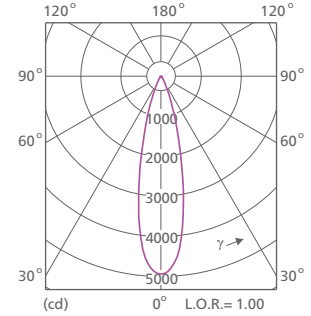
ST700T LED40 930PC PSU 1C
BK/WH 1xLED MB+honeycomb



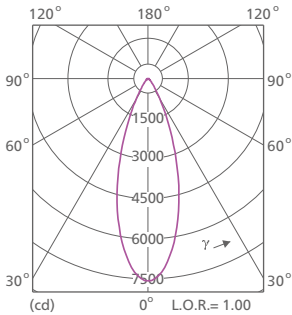
ST700T LED10 830PC PSU
1C BK/WH 1xLED WB



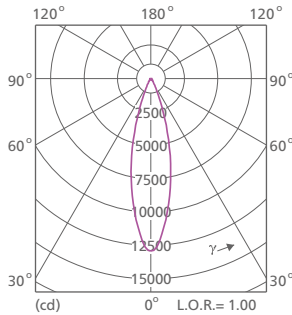
ST700T LED10 830PC PSU
1C BK/WH 1xLED MB



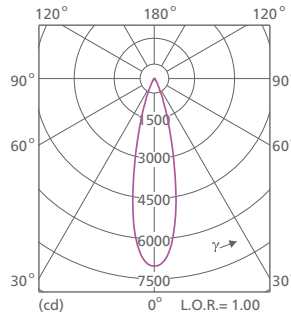
ST700T LED40 930PC PSU
1C BK/WH 1xLED WB



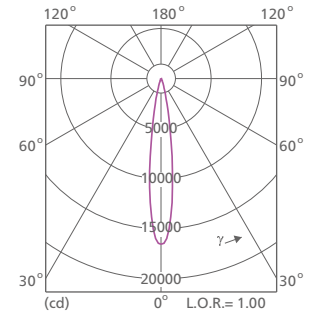
ST700T LED40 930PC PSU 1C
BK/WHWH 1xLED MB



ST700T LED20 930PC PSU
1C BK/WH 1xLED MB



ST700T LED20 930PC PSU
1C BK/WH 1xLED NB



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Color Temperature	Color Rendering	Product Model	Color
ST700T LED20 930PC PSU NB 1C WH	22.3W	3000K	90	NB	White
ST700T LED20 930PC PSU MB 1C WH	22.3W	3000K	90	MB	White
ST700T LED20 930PC PSU WB 1C WH	22.3W	3000K	90	WB	White
ST700T LED20 930PC PSU NB 1C BK	22.3W	3000K	90	NB	Black
ST700T LED20 930PC PSU MB 1C BK	22.3W	3000K	90	MB	Black
ST700T LED20 930PC PSU WB 1C BK	22.3W	3000K	90	WB	Black
ST700T LED30 930PC PSU MB 1C WH	38.1W	3000K	90	MB	White
ST700T LED30 930PC PSU WB 1C WH	38.1W	3000K	90	WB	White
ST700T LED30 930PC PSU MB 1C BK	38.1W	3000K	90	MB	Black
ST700T LED30 930PC PSU WB 1C BK	38.1W	3000K	90	WB	Black
ST700T LED40 930PC PSU MB 1C WH	43.8W	3000K	90	MB	White
ST700T LED40 930PC PSU WB 1C WH	43.8W	3000K	90	WB	White
ST700T LED40 930PC PSU MB 1C BK	43.8W	3000K	90	MB	Black
ST700T LED40 930PC PSU WB 1C BK	43.8W	3000K	90	WB	Black
ST700T LED20 930PC PSU MB 1C WH HB	22.3W	3000K	90	MB	White
ST700T LED20 930PC PSU MB 1C BK HB	22.3W	3000K	90	MB	Black
ST700T LED40 930PC PSU MB 1C WH HB	43.8W	3000K	90	MB	White
ST700T LED40 930PC PSU MB 1C BK HB	43.8W	3000K	90	MB	Black

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Color Temperature	Color Rendering	Product Model	Color
ST700T LED10 830 PSU MB 1C WH	10.7W	3000K	80	MB	White
ST700T LED10 830 PSU WB 1C WH	10.7W	3000K	80	WB	White
ST700T LED10 830 PSU MB 1C BK	10.7W	3000K	80	MB	Black
ST700T LED10 830 PSU WB 1C BK	10.7W	3000K	80	WB	Black
ST700T LED20 830 PSU NB 1C WH	22.3W	3000K	80	NB	White
ST700T LED20 830 PSU WB 1C WH	22.3W	3000K	80	WB	White
ST700T LED20 830 PSU NB 1C BK	22.3W	3000K	80	NB	Black
ST700T LED20 830 PSU WB 1C BK	22.3W	3000K	80	WB	Black



CoreLine Projector Gen2 ST151T



PHILIPS



Version White RAL9003

The affordable, compact and efficient LED projector

- Competitive projector, ideal for lighting convenience stores
- Guaranteed energy savings, thanks to high luminous efficiency: up to 110 lm/W
- Modern, ultra-compact design (tubular shape with integrated driver) with two possible finishes (white or matt black) for integration in a wide range of store concepts
- Low maintenance, longer lifetime.
- Excellent color rendering (CRI>90) for optimum in-store product presentation
- Very good lighting comfort (UGR 20)

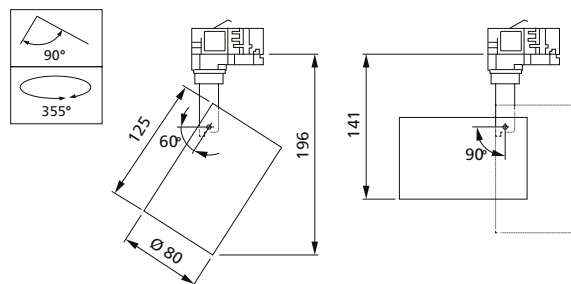
Retail & Hospitality



Version: black mat RAL9004



Mounting on 3 light circuit



Dimension in mm



Accessories	Finish
Mounting brackets	
ZRS750 3C BA BK (GA70-2)	Black
ZRS750 3C BA WH (GA70-3)	White

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
CRI>90, beam 25°, non-dimmable, finish Black mat (BK) or White mat (WH)					
ST151T LED30S/930 MB BK	3 000	30	100	3 000	25
ST151T LED30S/930 MB WH	3 000	30	100	3 000	25
ST151T LED30S/940 MB BK	3 000	27	110	4 000	25
ST151T LED30S/940 MB WH	3 000	27	110	4 000	25
CRI>90, beam 38°, non-dimmable, finish Black mat (BK) or White mat (WH)					
ST151T LED30S/930 WB BK	3 000	30	100	3 000	38
ST151T LED30S/930 WB WH	3 000	30	100	3 000	38
ST151T LED30S/940 WB BK	3 000	27	110	4 000	38
ST151T LED30S/940 WB WH	3 000	27	110	4 000	38

GreenUp Track Spotlight Series ST306T

PHILIPS

Retail & Hospitality



Sleek, Compact and Efficient Track Spotlight

The GreenUp Track series offers a complete track lighting solution, with an attractive and compact design and a wide range of specifications, optical parameters, and control system options. It features excellent color rendering performance and good glare control and is specially designed for indoor spaces such as retail stores and shopping malls.

Product features

Compact design

Aesthetic appearance design and compact light body

Versatile offering

Available in multiple specifications to meet the needs of various applications

High color rendering performance

Restore true colors with a high color rendering index of $CRI \geq 90$, $R9 \geq 50$

Comfortable and bright

Visual comfort design, good glare control, without stroboscopic effect

Main Applications

- Retail stores and supermarkets
- Exhibition halls































Retail & Hospitality

Model Selection Guide



CRI ≥ 90
R9 ≥ 50

	Power	Color temperature	Beam angle	Reflector color	Body color
ST306T Track spotlight 	 10W	 3000K	 15°	 Silver	 Black
	 20W	 4000K	 24°	 Black	
	 30W	 5000K	 36°		
	 40W				

	Power	Color temperature	Beam angle	Reflector color	Body color
ST306T Track spotlight 	 10W	 3000K	 15°	 Silver	 White
	 20W	 4000K	 24°	 Black	
	 30W	 5000K	 36°		
	 40W				

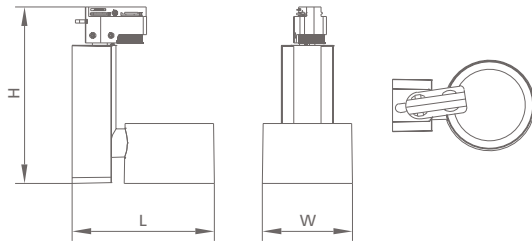
Technical parameters

Product model	ST306T P10	ST306T P20	ST306T P30	ST306T P40
Luminous flux $\pm 10\%$	3000K : 850lm	3000K : 1700lm	3000K : 2700lm	3000K : 3720lm
	4000K : 900lm	4000K : 1800lm	4000K : 2850lm	4000K : 3800lm
	5000K : 950lm	5000K : 1900lm	5000K : 3000lm	5000K : 4200lm
Power (PSU) $\pm 10\%$	10W	20W	30W	40W
Luminous efficacy (PSU) $\pm 10\%$	3000K : 85lm/W	3000K : 85lm/W	3000K : 90lm/W	3000K : 93lm/W
	4000K : 90lm/W	4000K : 90lm/W	4000K : 95lm/W	4000K : 95lm/W
	5000K : 95lm/W	5000K : 95lm/W	5000K : 100lm/W	5000K : 105lm/W
Life	25000 hours @L70B50 (ETO: 50K hrs @L70B50)			
Color temperature	3000K (2870K-3220K)			
	4000K (3710K-4260K)			
	5000K (4745K-5311K)			
Color rendering index (CRI)	≥ 90			
R9	≥ 50			
Color tolerance	SDCM ≤ 5			
Available beam angles NB/MB/WB	16°/23°/36°			
Glare index (UGR)	< 19			
Cutoff angle	50°			
Central light strength	15°: 6600	15°: 12700	15°: 21000	15°: 27000
	24°: 4600	24°: 8500	24°: 14000	24°: 18000
	36°: 2300	36°: 4300	36°: 6600	36°: 9100
Input voltage	AC: 220-240V			
Frequency	50/60Hz			
Safety class	PSU, traic: class II			
	PSD, 1-10V class I			
Power factor	≥ 0.9 (PSU/PSD/traic)	≥ 0.9		
Surge protection	L-N : 1kV			
Control mode	PSU, PSD, 1-10V, traic (ETO)			
Stroboscopic effect	No stroboscopic effect			
Driver	Built-in driver			
Installation method	Track			
Pivot angle	350° (PSU/triac) ; 220° (PSD/1-10V)			
Swivel angle	180°			
IP grade	IP20			
IK grade	IK03			
LUM dimension (LxWxH)	150x95x185mm (PSU)		175x115x185mm (PSU)	
	150x95x200mm (PSD/1-10V/traic)		175x115x200mm (PSD/1-10V/traic)	
Operating temperature	-20 ~40°C			
Body material	Aluminum (Al)			
Body color	Aluminum (Al)			
Reflector color	Silver/black			

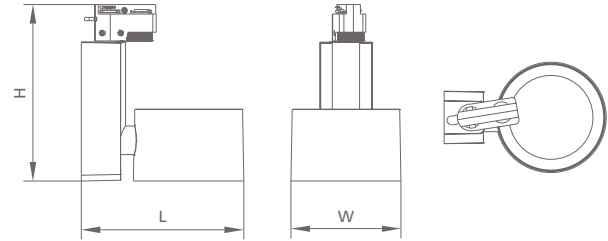
Dimensional drawing

PSU version

ST306T P10/P20

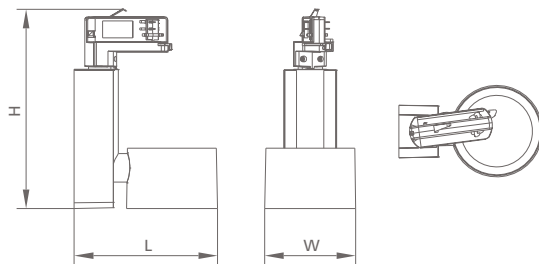


ST306T P30/P40

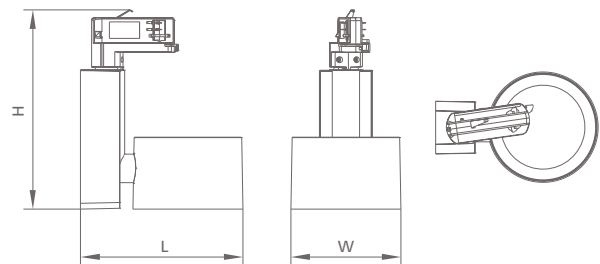


PSD/1-10V/silicon controlled version

ST306T P10/P20



ST306T P30/P40

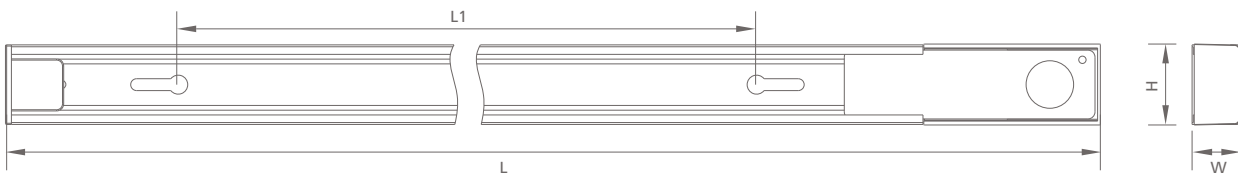


Model	L(mm)	W(mm)	H(mm)
ST306T P10 PSU	150	95	185
ST306T P20 PSU	150	95	185
ST306T P30 PSU	170	115	185
ST306TP40 PSU	170	115	185

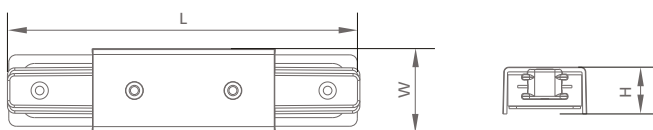
Model	L(mm)	W(mm)	H(mm)
ST306T P10 PSD/PSR/1-10V	150	95	209
ST306T P20 PSD/PSR/1-10V	150	95	209
ST306T P30 PSD/PSR/1-10V	170	115	209
ST306T P40 PSD/PSR/1-10V	170	115	209

Accessories

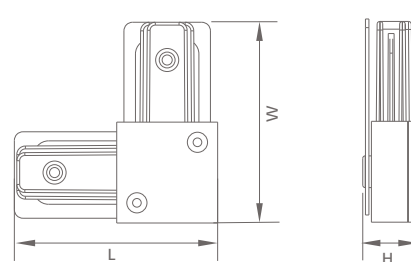
RCS180 1C L1000/L2000



ZCS180 1C ICP



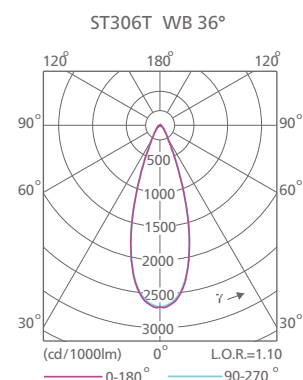
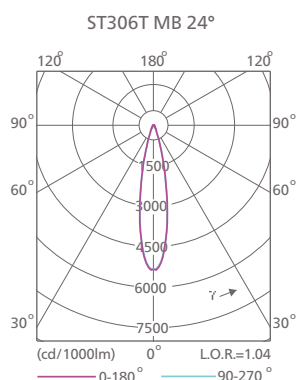
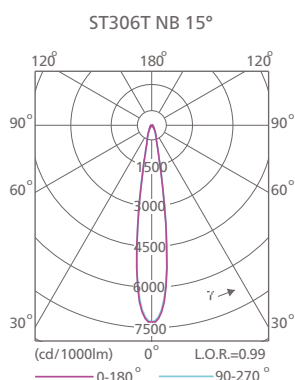
ZCS180 1C LCP



Model	L(mm)	L1(mm)	W(mm)	H(mm)
RCS180 1C L1000 WH-2 lines	1000	860	34	21
RCS180 1C L1000 BK-2 lines	1000	860	34	21
RCS180 1C L2000 WH-2 lines	2000	860	34	21
RCS180 1C L2000 BK-2 lines	2000	860	34	21

Model	L(mm)	W(mm)	H(mm)
ZCS180 1C ICP WH-2 lines	143	34	19
RCS180 1C ICP BK-2 lines	143	34	19
ZCS180 1C LCP WH-2 lines	71	70	19
RCS180 1C LCP BK-2 lines	71	70	19

Light distribution curve



Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Control mode	Beam angle	Body color	Reflector color
ST306T P10 930 PSU MB BK BR	10W	3000K	PSU	MB	Black	Black
ST306T P10 930 PSU MB BK SR	10W	3000K	PSU	MB	Black	Silver
ST306T P10 930 PSU MB WH BR	10W	3000K	PSU	MB	White	Black
ST306T P10 930 PSU MB WH SR	10W	3000K	PSU	MB	White	Silver
ST306T P10 930 PSU NB BK BR	10W	3000K	PSU	NB	Black	Black
ST306T P10 930 PSU NB BK SR	10W	3000K	PSU	NB	Black	Silver
ST306T P10 930 PSU NB WH BR	10W	3000K	PSU	NB	White	Black
ST306T P10 930 PSU NB WH SR	10W	3000K	PSU	NB	White	Silver
ST306T P10 930 PSU WB BK BR	10W	3000K	PSU	WB	Black	Black
ST306T P10 930 PSU WB BK SR	10W	3000K	PSU	WB	Black	Silver
ST306T P10 930 PSU WB WH BR	10W	3000K	PSU	WB	White	Black
ST306T P10 930 PSU WB WH SR	10W	3000K	PSU	WB	White	Silver
ST306T P10 940 PSU MB BK BR	10W	4000K	PSU	MB	Black	Black
ST306T P10 940 PSU MB BK SR	10W	4000K	PSU	MB	Black	Silver
ST306T P10 940 PSU MB WH BR	10W	4000K	PSU	MB	White	Black
ST306T P10 940 PSU MB WH SR	10W	4000K	PSU	MB	White	Silver
ST306T P10 940 PSU NB BK BR	10W	4000K	PSU	NB	Black	Black
ST306T P10 940 PSU NB BK SR	10W	4000K	PSU	NB	Black	Silver
ST306T P10 940 PSU NB WH BR	10W	4000K	PSU	NB	White	Black
ST306T P10 940 PSU NB WH SR	10W	4000K	PSU	NB	White	Silver
ST306T P10 940 PSU WB BK BR	10W	4000K	PSU	WB	Black	Black
ST306T P10 940 PSU WB BK SR	10W	4000K	PSU	WB	Black	Silver
ST306T P10 940 PSU WB WH BR	10W	4000K	PSU	WB	White	Black
ST306T P10 940 PSU WB WH SR	10W	4000K	PSU	WB	White	Silver
ST306T P20 930 PSU MB BK BR	20W	3000K	PSU	MB	Black	Black
ST306T P20 930 PSU MB BK SR	20W	3000K	PSU	MB	Black	Silver
ST306T P20 930 PSU MB WH BR	20W	3000K	PSU	MB	White	Black
ST306T P20 930 PSU MB WH SR	20W	3000K	PSU	MB	White	Silver

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Control mode	Beam angle	Body color	Reflector color
ST306T P20 930 PSU NB BK BR	20W	3000K	PSU	NB	Black	Black
ST306T P20 930 PSU NB BK SR	20W	3000K	PSU	NB	Black	Silver
ST306T P20 930 PSU NB WH BR	20W	3000K	PSU	NB	White	Black
ST306T P20 930 PSU NB WH SR	20W	3000K	PSU	NB	White	Silver
ST306T P20 930 PSU WB BK BR	20W	3000K	PSU	WB	Black	Black
ST306T P20 930 PSU WB BK SR	20W	3000K	PSU	WB	Black	Silver
ST306T P20 930 PSU WB WH BR	20W	3000K	PSU	WB	White	Black
ST306T P20 930 PSU WB WH SR	20W	3000K	PSU	WB	White	Silver
ST306T P20 940 PSU MB BK BR	20W	4000K	PSU	MB	Black	Black
ST306T P20 940 PSU MB BK SR	20W	4000K	PSU	MB	Black	Silver
ST306T P20 940 PSU MB WH BR	20W	4000K	PSU	MB	White	Black
ST306T P20 940 PSU MB WH SR	20W	4000K	PSU	MB	White	Silver
ST306T P20 940 PSU NB BK BR	20W	4000K	PSU	NB	Black	Black
ST306T P20 940 PSU NB BK SR	20W	4000K	PSU	NB	Black	Silver
ST306T P20 940 PSU NB WH BR	20W	4000K	PSU	NB	White	Black
ST306T P20 940 PSU NB WH SR	20W	4000K	PSU	NB	White	Silver
ST306T P20 940 PSU WB BK BR	20W	4000K	PSU	WB	Black	Black
ST306T P20 940 PSU WB BK SR	20W	4000K	PSU	WB	Black	Silver
ST306T P20 940 PSU WB WH BR	20W	4000K	PSU	WB	White	Black
ST306T P20 940 PSU WB WH SR	20W	4000K	PSU	WB	White	Silver
ST306T P30 930 PSU MB BK BR	30W	3000K	PSU	MB	Black	Black
ST306T P30 930 PSU MB BK SR	30W	3000K	PSU	MB	Black	Silver
ST306T P30 930 PSU MB WH BR	30W	3000K	PSU	MB	White	Black
ST306T P30 930 PSU MB WH SR	30W	3000K	PSU	MB	White	Silver
ST306T P30 930 PSU NB BK BR	30W	3000K	PSU	NB	Black	Black
ST306T P30 930 PSU NB BK SR	30W	3000K	PSU	NB	Black	Silver
ST306T P30 930 PSU NB WH BR	30W	3000K	PSU	NB	White	Black
ST306T P30 930 PSU NB WH SR	30W	3000K	PSU	NB	White	Silver
ST306T P30 930 PSU WB BK BR	30W	3000K	PSU	WB	Black	Black
ST306T P30 930 PSU WB BK SR	30W	3000K	PSU	WB	Black	Silver
ST306T P30 930 PSU WB WH BR	30W	3000K	PSU	WB	White	Black
ST306T P30 930 PSU WB WH SR	30W	3000K	PSU	WB	White	Silver
ST306T P30 940 PSU MB BK BR	30W	4000K	PSU	MB	Black	Black
ST306T P30 940 PSU MB BK SR	30W	4000K	PSU	MB	Black	Silver
ST306T P30 940 PSU MB WH BR	30W	4000K	PSU	MB	White	Black
ST306T P30 940 PSU MB WH SR	30W	4000K	PSU	MB	White	Silver
ST306T P30 940 PSU NB BK BR	30W	4000K	PSU	NB	Black	Black
ST306T P30 940 PSU NB BK SR	30W	4000K	PSU	NB	Black	Silver
ST306T P30 940 PSU NB WH BR	30W	4000K	PSU	NB	White	Black
ST306T P30 940 PSU NB WH SR	30W	4000K	PSU	NB	White	Silver
ST306T P30 940 PSU WB BK BR	30W	4000K	PSU	WB	Black	Black
ST306T P30 940 PSU WB BK SR	30W	4000K	PSU	WB	Black	Silver
ST306T P30 940 PSU WB WH BR	30W	4000K	PSU	WB	White	Black

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Control mode	Beam angle	Body color	Reflector color
ST306T P30 940 PSU WB WH SR	30W	4000K	PSU	WB	White	Silver
ST306T P40 930 PSU MB BK BR	40W	3000K	PSU	MB	Black	Black
ST306T P40 930 PSU MB BK SR	40W	3000K	PSU	MB	Black	Silver
ST306T P40 930 PSU MB WH BR	40W	3000K	PSU	MB	White	Black
ST306T P40 930 PSU MB WH SR	40W	3000K	PSU	MB	White	Silver
ST306T P40 930 PSU NB BK BR	40W	3000K	PSU	NB	Black	Black
ST306T P40 930 PSU NB BK SR	40W	3000K	PSU	NB	Black	Silver
ST306T P40 930 PSU NB WH BR	40W	3000K	PSU	NB	White	Black
ST306T P40 930 PSU NB WH SR	40W	3000K	PSU	NB	White	Silver
ST306T P40 930 PSU WB BK BR	40W	3000K	PSU	WB	Black	Black
ST306T P40 930 PSU WB BK SR	40W	3000K	PSU	WB	Black	Silver
ST306T P40 930 PSU WB WH BR	40W	3000K	PSU	WB	White	Black
ST306T P40 930 PSU WB WH SR	40W	3000K	PSU	WB	White	Silver
ST306T P40 940 PSU MB BK BR	40W	4000K	PSU	MB	Black	Black
ST306T P40 940 PSU MB BK SR	40W	4000K	PSU	MB	Black	Silver
ST306T P40 940 PSU MB WH BR	40W	4000K	PSU	MB	White	Black
ST306T P40 940 PSU MB WH SR	40W	4000K	PSU	MB	White	Silver
ST306T P40 940 PSU NB BK BR	40W	4000K	PSU	NB	Black	Black
ST306T P40 940 PSU NB BK SR	40W	4000K	PSU	NB	Black	Silver
ST306T P40 940 PSU NB WH BR	40W	4000K	PSU	NB	White	Black
ST306T P40 940 PSU NB WH SR	40W	4000K	PSU	NB	White	Silver
ST306T P40 940 PSU WB BK BR	40W	4000K	PSU	WB	Black	Black
ST306T P40 940 PSU WB BK SR	40W	4000K	PSU	WB	Black	Silver
ST306T P40 940 PSU WB WH BR	40W	4000K	PSU	WB	White	Black
ST306T P40 940 PSU WB WH SR	40W	4000K	PSU	WB	White	Silver
ST306T P10 930 PSD MB BK BR	10W	3000K	PSD	MB	Black	Black
ST306T P10 930 PSD MB BK SR	10W	3000K	PSD	MB	Black	Silver
ST306T P10 930 PSD MB WH BR	10W	3000K	PSD	MB	White	Black
ST306T P10 930 PSD MB WH SR	10W	3000K	PSD	MB	White	Silver
ST306T P10 930 PSD NB BK BR	10W	3000K	PSD	NB	Black	Black
ST306T P10 930 PSD NB BK SR	10W	3000K	PSD	NB	Black	Silver
ST306T P10 930 PSD NB WH BR	10W	3000K	PSD	NB	White	Black
ST306T P10 930 PSD NB WH SR	10W	3000K	PSD	NB	White	Silver
ST306T P10 930 PSD WB BK BR	10W	3000K	PSD	WB	Black	Black
ST306T P10 930 PSD WB BK SR	10W	3000K	PSD	WB	Black	Silver
ST306T P10 930 PSD WB WH BR	10W	3000K	PSD	WB	White	Black
ST306T P10 930 PSD WB WH SR	10W	3000K	PSD	WB	White	Silver
ST306T P10 940 PSD MB BK BR	10W	4000K	PSD	MB	Black	Black
ST306T P10 940 PSD MB BK SR	10W	4000K	PSD	MB	Black	Silver
ST306T P10 940 PSD MB WH BR	10W	4000K	PSD	MB	White	Black
ST306T P10 940 PSD MB WH SR	10W	4000K	PSD	MB	White	Silver
ST306T P10 940 PSD NB BK BR	10W	4000K	PSD	NB	Black	Black
ST306T P10 940 PSD NB BK SR	10W	4000K	PSD	NB	Black	Silver

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Control mode	Beam angle	Body color	Reflector color
ST306T P10 940 PSD NB WH BR	10W	4000K	PSD	NB	White	Black
ST306T P10 940 PSD NB WH SR	10W	4000K	PSD	NB	White	Silver
ST306T P10 940 PSD WB BK BR	10W	4000K	PSD	WB	Black	Black
ST306T P10 940 PSD WB BK SR	10W	4000K	PSD	WB	Black	Silver
ST306T P10 940 PSD WB WH BR	10W	4000K	PSD	WB	White	Black
ST306T P10 940 PSD WB WH SR	10W	4000K	PSD	WB	White	Silver
ST306T P20 930 PSD MB BK BR	20W	3000K	PSD	MB	Black	Black
ST306T P20 930 PSD MB BK SR	20W	3000K	PSD	MB	Black	Silver
ST306T P20 930 PSD MB WH BR	20W	3000K	PSD	MB	White	Black
ST306T P20 930 PSD MB WH SR	20W	3000K	PSD	MB	White	Silver
ST306T P20 930 PSD NB BK BR	20W	3000K	PSD	NB	Black	Black
ST306T P20 930 PSD NB BK SR	20W	3000K	PSD	NB	Black	Silver
ST306T P20 930 PSD NB WH BR	20W	3000K	PSD	NB	White	Black
ST306T P20 930 PSD NB WH SR	20W	3000K	PSD	NB	White	Silver
ST306T P20 930 PSD WB BK BR	20W	3000K	PSD	WB	Black	Black
ST306T P20 930 PSD WB BK SR	20W	3000K	PSD	WB	Black	Silver
ST306T P20 930 PSD WB WH BR	20W	3000K	PSD	WB	White	Black
ST306T P20 930 PSD WB WH SR	20W	3000K	PSD	WB	White	Silver
ST306T P20 940 PSD MB BK BR	20W	4000K	PSD	MB	Black	Black
ST306T P20 940 PSD MB BK SR	20W	4000K	PSD	MB	Black	Silver
ST306T P20 940 PSD MB WH BR	20W	4000K	PSD	MB	White	Black
ST306T P20 940 PSD MB WH SR	20W	4000K	PSD	MB	White	Silver
ST306T P20 940 PSD NB BK BR	20W	4000K	PSD	NB	Black	Black
ST306T P20 940 PSD NB BK SR	20W	4000K	PSD	NB	Black	Silver
ST306T P20 940 PSD NB WH BR	20W	4000K	PSD	NB	White	Black
ST306T P20 940 PSD NB WH SR	20W	4000K	PSD	NB	White	Silver
ST306T P20 940 PSD WB BK BR	20W	4000K	PSD	WB	Black	Black
ST306T P20 940 PSD WB BK SR	20W	4000K	PSD	WB	Black	Silver
ST306T P20 940 PSD WB WH BR	20W	4000K	PSD	WB	White	Black
ST306T P20 940 PSD WB WH SR	20W	4000K	PSD	WB	White	Silver
ST306T P30 930 PSD MB BK BR	30W	3000K	PSD	MB	Black	Black
ST306T P30 930 PSD MB BK SR	30W	3000K	PSD	MB	Black	Silver
ST306T P30 930 PSD MB WH BR	30W	3000K	PSD	MB	White	Black
ST306T P30 930 PSD MB WH SR	30W	3000K	PSD	MB	White	Silver
ST306T P30 930 PSD NB BK BR	30W	3000K	PSD	NB	Black	Black
ST306T P30 930 PSD NB BK SR	30W	3000K	PSD	NB	Black	Silver
ST306T P30 930 PSD NB WH BR	30W	3000K	PSD	NB	White	Black
ST306T P30 930 PSD NB WH SR	30W	3000K	PSD	NB	White	Silver
ST306T P30 930 PSD WB BK BR	30W	3000K	PSD	WB	Black	Black
ST306T P30 930 PSD WB BK SR	30W	3000K	PSD	WB	Black	Silver
ST306T P30 930 PSD WB WH BR	30W	3000K	PSD	WB	White	Black
ST306T P30 930 PSD WB WH SR	30W	3000K	PSD	WB	White	Silver
ST306T P30 940 PSD MB BK BR	30W	4000K	PSD	MB	Black	Black

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Control mode	Beam angle	Body color	Reflector color
ST306T P30 940 PSD MB BK SR	30W	4000K	PSD	MB	Black	Silver
ST306T P30 940 PSD MB WH BR	30W	4000K	PSD	MB	White	Black
ST306T P30 940 PSD MB WH SR	30W	4000K	PSD	MB	White	Silver
ST306T P30 940 PSD NB BK BR	30W	4000K	PSD	NB	Black	Black
ST306T P30 940 PSD NB BK SR	30W	4000K	PSD	NB	Black	Silver
ST306T P30 940 PSD NB WH BR	30W	4000K	PSD	NB	White	Black
ST306T P30 940 PSD NB WH SR	30W	4000K	PSD	NB	White	Silver
ST306T P30 940 PSD WB BK BR	30W	4000K	PSD	WB	Black	Black
ST306T P30 940 PSD WB BK SR	30W	4000K	PSD	WB	Black	Silver
ST306T P30 940 PSD WB WH BR	30W	4000K	PSD	WB	White	Black
ST306T P30 940 PSD WB WH SR	30W	4000K	PSD	WB	White	Silver
ST306T P40 930 PSD MB BK BR	40W	3000K	PSD	MB	Black	Black
ST306T P40 930 PSD MB BK SR	40W	3000K	PSD	MB	Black	Silver
ST306T P40 930 PSD MB WH BR	40W	3000K	PSD	MB	White	Black
ST306T P40 930 PSD MB WH SR	40W	3000K	PSD	MB	White	Silver
ST306T P40 930 PSD NB BK BR	40W	3000K	PSD	NB	Black	Black
ST306T P40 930 PSD NB BK SR	40W	3000K	PSD	NB	Black	Silver
ST306T P40 930 PSD NB WH BR	40W	3000K	PSD	NB	White	Black
ST306T P40 930 PSD NB WH SR	40W	3000K	PSD	NB	White	Silver
ST306T P40 930 PSD WB BK BR	40W	3000K	PSD	WB	Black	Black
ST306T P40 930 PSD WB BK SR	40W	3000K	PSD	WB	Black	Silver
ST306T P40 930 PSD WB WH BR	40W	3000K	PSD	WB	White	Black
ST306T P40 930 PSD WB WH SR	40W	3000K	PSD	WB	White	Silver
ST306T P40 940 PSD MB BK BR	40W	4000K	PSD	MB	Black	Black
ST306T P40 940 PSD MB BK SR	40W	4000K	PSD	MB	Black	Silver
ST306T P40 940 PSD MB WH BR	40W	4000K	PSD	MB	White	Black
ST306T P40 940 PSD MB WH SR	40W	4000K	PSD	MB	White	Silver
ST306T P40 940 PSD NB BK BR	40W	4000K	PSD	NB	Black	Black
ST306T P40 940 PSD NB BK SR	40W	4000K	PSD	NB	Black	Silver
ST306T P40 940 PSD NB WH BR	40W	4000K	PSD	NB	White	Black
ST306T P40 940 PSD NB WH SR	40W	4000K	PSD	NB	White	Silver
ST306T P40 940 PSD WB BK BR	40W	4000K	PSD	WB	Black	Black
ST306T P40 940 PSD WB BK SR	40W	4000K	PSD	WB	Black	Silver
ST306T P40 940 PSD WB WH BR	40W	4000K	PSD	WB	White	Black
ST306T P40 940 PSD WB WH SR	40W	4000K	PSD	WB	White	Silver
ST306T P11 940 PSR 1-10V WB BK SR	11W	4000K	1-10V	WB	Black	Silver
ST306T P11 940 PSR 1-10V MB BK SR	11W	4000K	1-10V	MB	Black	Silver
ST306T P11 940 PSR 1-10V NB BK SR	11W	4000K	1-10V	NB	Black	Silver
ST306T P11 930 PSR 1-10V WB BK SR	11W	3000K	1-10V	WB	Black	Silver
ST306T P11 930 PSR 1-10V MB BK SR	11W	3000K	1-10V	MB	Black	Silver
ST306T P11 930 PSR 1-10V NB BK SR	11W	3000K	1-10V	NB	Black	Silver
ST306T P11 940 PSR 1-10V WB BK BR	11W	4000K	1-10V	WB	Black	Black
ST306T P11 940 PSR 1-10V MB BK BR	11W	4000K	1-10V	MB	Black	Black

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Control mode	Beam angle	Body color	Reflector color
ST306T P11 940 PSR 1-10V NB BK BR	11W	4000K	1-10V	NB	Black	Black
ST306T P11 930 PSR 1-10V WB BK BR	11W	3000K	1-10V	WB	Black	Black
ST306T P11 930 PSR 1-10V MB BK BR	11W	3000K	1-10V	MB	Black	Black
ST306T P11 930 PSR 1-10V NB BK BR	11W	3000K	1-10V	NB	Black	Black
ST306T P11 940 PSR 1-10V WB WH SR	11W	4000K	1-10V	WB	White	Silver
ST306T P11 940 PSR 1-10V MB WH SR	11W	4000K	1-10V	MB	White	Silver
ST306T P11 940 PSR 1-10V NB WH SR	11W	4000K	1-10V	NB	White	Silver
ST306T P11 930 PSR 1-10V WB WH SR	11W	3000K	1-10V	WB	White	Silver
ST306T P11 930 PSR 1-10V MB WH SR	11W	3000K	1-10V	MB	White	Silver
ST306T P11 930 PSR 1-10V NB WH SR	11W	3000K	1-10V	NB	White	Silver
ST306T P11 940 PSR 1-10V WB WH BR	11W	4000K	1-10V	WB	White	Black
ST306T P11 940 PSR 1-10V MB WH BR	11W	4000K	1-10V	MB	White	Black
ST306T P11 940 PSR 1-10V NB WH BR	11W	4000K	1-10V	NB	White	Black
ST306T P11 930 PSR 1-10V WB WH BR	11W	3000K	1-10V	WB	White	Black
ST306T P11 930 PSR 1-10V MB WH BR	11W	3000K	1-10V	MB	White	Black
ST306T P11 930 PSR 1-10V NB WH BR	11W	3000K	1-10V	NB	White	Black
ST306T P21 940 PSR 1-10V WB BK SR	21W	4000K	1-10V	WB	Black	Silver
ST306T P21 940 PSR 1-10V MB BK SR	21W	4000K	1-10V	MB	Black	Silver
ST306T P21 940 PSR 1-10V NB BK SR	21W	4000K	1-10V	NB	Black	Silver
ST306T P21 930 PSR 1-10V WB BK SR	21W	3000K	1-10V	WB	Black	Silver
ST306T P21 930 PSR 1-10V MB BK SR	21W	3000K	1-10V	MB	Black	Silver
ST306T P21 930 PSR 1-10V NB BK SR	21W	3000K	1-10V	NB	Black	Silver
ST306T P21 940 PSR 1-10V WB BK BR	21W	4000K	1-10V	WB	Black	Black
ST306T P21 940 PSR 1-10V MB BK BR	21W	4000K	1-10V	MB	Black	Black
ST306T P21 940 PSR 1-10V NB BK BR	21W	4000K	1-10V	NB	Black	Black
ST306T P21 930 PSR 1-10V WB BK BR	21W	3000K	1-10V	WB	Black	Black
ST306T P21 930 PSR 1-10V MB BK BR	21W	3000K	1-10V	MB	Black	Black
ST306T P21 930 PSR 1-10V NB BK BR	21W	3000K	1-10V	NB	Black	Black
ST306T P21 940 PSR 1-10V WB WH SR	21W	4000K	1-10V	WB	White	Silver
ST306T P21 940 PSR 1-10V MB WH SR	21W	4000K	1-10V	MB	White	Silver
ST306T P21 940 PSR 1-10V NB WH SR	21W	4000K	1-10V	NB	White	Silver
ST306T P21 930 PSR 1-10V WB WH SR	21W	3000K	1-10V	WB	White	Silver
ST306T P21 930 PSR 1-10V MB WH SR	21W	3000K	1-10V	MB	White	Silver
ST306T P21 930 PSR 1-10V NB WH SR	21W	3000K	1-10V	NB	White	Silver
ST306T P21 940 PSR 1-10V WB WH BR	21W	4000K	1-10V	WB	White	Black
ST306T P21 940 PSR 1-10V MB WH BR	21W	4000K	1-10V	MB	White	Black
ST306T P21 940 PSR 1-10V NB WH BR	21W	4000K	1-10V	NB	White	Black
ST306T P21 930 PSR 1-10V WB WH BR	21W	3000K	1-10V	WB	White	Black
ST306T P21 930 PSR 1-10V MB WH BR	21W	3000K	1-10V	MB	White	Black
ST306T P21 930 PSR 1-10V NB WH BR	21W	3000K	1-10V	NB	White	Black
ST306T P28 940 PSR 1-10V WB BK SR	28W	4000K	1-10V	WB	Black	Silver
ST306T P28 940 PSR 1-10V MB BK SR	28W	4000K	1-10V	MB	Black	Silver
ST306T P28 940 PSR 1-10V NB BK SR	28W	4000K	1-10V	NB	Black	Silver

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Retail & Hospitality

Product model	Power	Color temperature	Control mode	Beam angle	Body color	Reflector color
ST306T P28 930 PSR 1-10V WB BK SR	28W	3000K	1-10V	WB	Black	Silver
ST306T P28 930 PSR 1-10V MB BK SR	28W	3000K	1-10V	MB	Black	Silver
ST306T P28 930 PSR 1-10V NB BK SR	28W	3000K	1-10V	NB	Black	Silver
ST306T P28 940 PSR 1-10V WB BK BR	28W	4000K	1-10V	WB	Black	Black
ST306T P28 940 PSR 1-10V MB BK BR	28W	4000K	1-10V	MB	Black	Black
ST306T P28 940 PSR 1-10V NB BK BR	28W	4000K	1-10V	NB	Black	Black
ST306T P28 930 PSR 1-10V WB BK BR	28W	3000K	1-10V	WB	Black	Black
ST306T P28 930 PSR 1-10V MB BK BR	28W	3000K	1-10V	MB	Black	Black
ST306T P28 930 PSR 1-10V NB BK BR	28W	3000K	1-10V	NB	Black	Black
ST306T P28 940 PSR 1-10V WB WH SR	28W	4000K	1-10V	WB	White	Silver
ST306T P28 940 PSR 1-10V MB WH SR	28W	4000K	1-10V	MB	White	Silver
ST306T P28 940 PSR 1-10V NB WH SR	28W	4000K	1-10V	NB	White	Silver
ST306T P28 930 PSR 1-10V WB WH SR	28W	3000K	1-10V	WB	White	Silver
ST306T P28 930 PSR 1-10V MB WH SR	28W	3000K	1-10V	MB	White	Silver
ST306T P28 930 PSR 1-10V NB WH SR	28W	3000K	1-10V	NB	White	Silver
ST306T P28 940 PSR 1-10V WB WH BR	28W	4000K	1-10V	WB	White	Black
ST306T P28 940 PSR 1-10V MB WH BR	28W	4000K	1-10V	MB	White	Black
ST306T P28 940 PSR 1-10V NB WH BR	28W	4000K	1-10V	NB	White	Black
ST306T P28 930 PSR 1-10V WB WH BR	28W	3000K	1-10V	WB	White	Black
ST306T P28 930 PSR 1-10V MB WH BR	28W	3000K	1-10V	MB	White	Black
ST306T P28 930 PSR 1-10V NB WH BR	28W	3000K	1-10V	NB	White	Black
ST306T P38 940 PSR 1-10V WB BK SR	38W	4000K	1-10V	WB	Black	Silver
ST306T P38 940 PSR 1-10V MB BK SR	38W	4000K	1-10V	MB	Black	Silver
ST306T P38 940 PSR 1-10V NB BK SR	38W	4000K	1-10V	NB	Black	Silver
ST306T P38 930 PSR 1-10V WB BK SR	38W	3000K	1-10V	WB	Black	Silver
ST306T P38 930 PSR 1-10V MB BK SR	38W	3000K	1-10V	MB	Black	Silver
ST306T P38 930 PSR 1-10V NB BK SR	38W	3000K	1-10V	NB	Black	Silver
ST306T P38 940 PSR 1-10V WB BK BR	38W	4000K	1-10V	WB	Black	Black
ST306T P38 940 PSR 1-10V MB BK BR	38W	4000K	1-10V	MB	Black	Black
ST306T P38 940 PSR 1-10V NB BK BR	38W	4000K	1-10V	NB	Black	Black
ST306T P38 930 PSR 1-10V WB BK BR	38W	3000K	1-10V	WB	Black	Black
ST306T P38 930 PSR 1-10V MB BK BR	38W	3000K	1-10V	MB	Black	Black
ST306T P38 930 PSR 1-10V NB BK BR	38W	3000K	1-10V	NB	Black	Black
ST306T P38 940 PSR 1-10V WB WH SR	38W	4000K	1-10V	WB	White	Silver
ST306T P38 940 PSR 1-10V MB WH SR	38W	4000K	1-10V	MB	White	Silver
ST306T P38 940 PSR 1-10V NB WH SR	38W	4000K	1-10V	NB	White	Silver
ST306T P38 930 PSR 1-10V WB WH SR	38W	3000K	1-10V	WB	White	Silver
ST306T P38 930 PSR 1-10V MB WH SR	38W	3000K	1-10V	MB	White	Silver
ST306T P38 930 PSR 1-10V NB WH SR	38W	3000K	1-10V	NB	White	Silver
ST306T P38 940 PSR 1-10V WB WH BR	38W	4000K	1-10V	WB	White	Black
ST306T P38 940 PSR 1-10V MB WH BR	38W	4000K	1-10V	MB	White	Black
ST306T P38 940 PSR 1-10V NB WH BR	38W	4000K	1-10V	NB	White	Black
ST306T P38 930 PSR 1-10V WB WH BR	38W	3000K	1-10V	WB	White	Black

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Control mode	Beam angle	Body color	Reflector color
ST306T P38 930 PSR 1-10V MB WH BR	38W	3000K	1-10V	MB	White	Black
ST306T P38 930 PSR 1-10V NB WH BR	38W	3000K	1-10V	NB	White	Black
ZCS180 1C LCP BK-2 lines	-	-	-	-	Black	-
ZCS180 1C LCP WH-2 lines	-	-	-	-	White	-
ZCS180 1C ICP BK-2 lines	-	-	-	-	Black	-
ZCS180 1C ICP WH-2 lines	-	-	-	-	White	-
RCS180 1C L2000 BK-2 lines	-	-	-	-	Black	-
RCS180 1C L2000 WH-2 lines	-	-	-	-	White	-
RCS180 1C L1000 BK-2 lines	-	-	-	-	Black	-
RCS180 1C L1000 WH-2 lines	-	-	-	-	White	-

GreenUp Magnetic Flex Magnetic Luminaire Series ST307M

PHILIPS

Retail & Hospitality



ST spotlight



SS pendant luminaire



GL floodlight



GD grid LUM



TG adjustable-angle grid LUM

Bezel Free Magnetic Luminaire for Innovative High-quality Space

This series can bring you an innovative and magic lighting experience, with flexible product combinations, suitable for the ever-changing multi-module applications. With a fashionable and versatile design, it's ideal for highlighting your exclusive lifestyle, leading the contemporary fashion lighting, and adding greatly to the beauty of modern space! The brand new GreenUp Magnetic Flex magnetic luminaire has the advantages of flexibility, convenience, comprehensiveness, and reliability, and is capable of outlining the light and shadow of an environment, shaping a high-quality lightning style without a main luminaire.

Product features

Versatile offering

Rich product options, with five types of luminaires and two control modes available, supporting magnetic track mounting, fully equipped, and complete system available

Good visual comfort

Excellent glare control ($UGR < 19$), color tolerance ($SDCM \leq 5$), without stroboscopic effect

Excellent color performance

Excellent color rendering performance and high color consistency ($CRI \geq 90$, $R9 > 0$)

Main Applications

- Office
- Retail industry
- Hospitality
- Conference room





Retail & Hospitality

Model Selection Guide






		Power	Color temperature	Beam angle	Body color
ST307M ST spotlight		6W	3000K	6W	Fixed output: 48V 1-10V: 24V
		9W	4000K	9W	
ST307M GD grid LUM		8W	3000K		Fixed output: 48V 1-10V: 24V
		15W	4000K		
ST307M TG adjustable-angle grid LUM		8W	3000K		Fixed output: 48V 1-10V: 24V
		15W	4000K		
ST307M GL floodlight		8W	3000K		Fixed output: 48V 1-10V: 24V
		15W	4000K		
ST307M SS pendant luminaire		5W	3000K 4000K		Fixed output: 48V 1-10V: 24V

Technical parameters

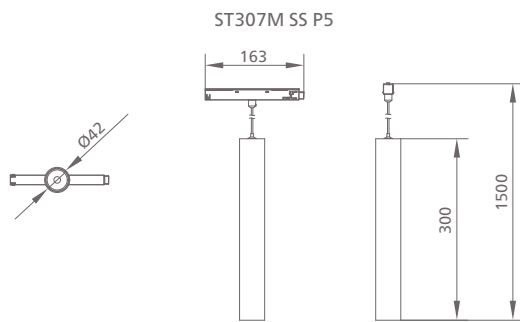
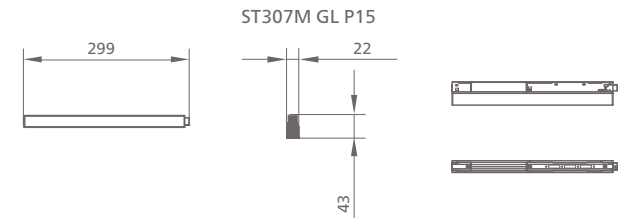
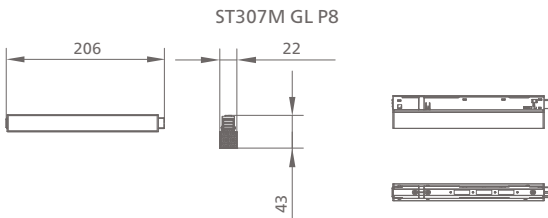
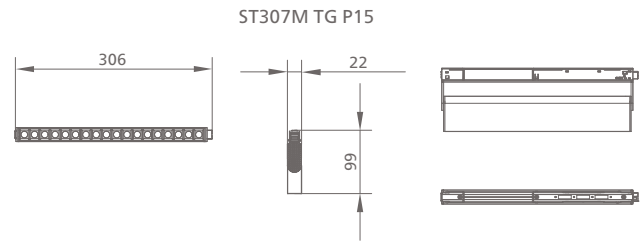
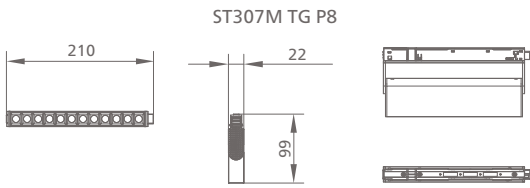
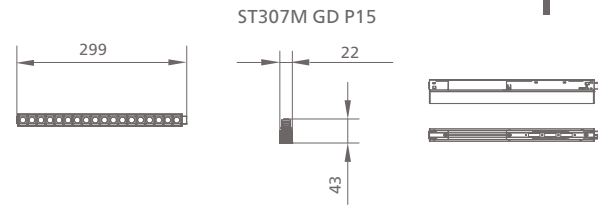
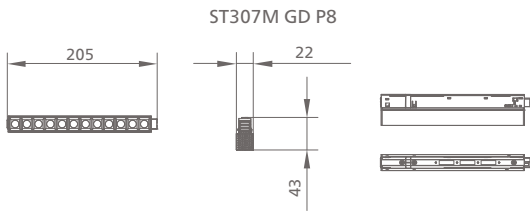
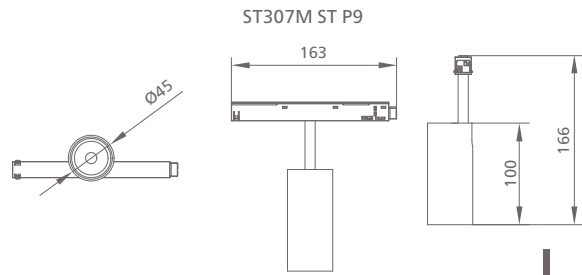
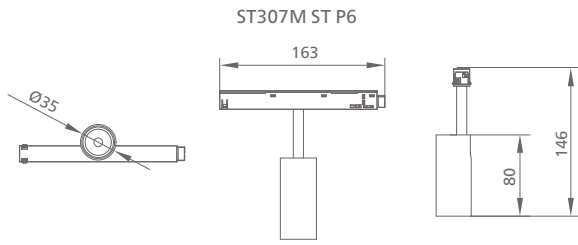
Product model	Magnetic track LUM ST307M ST		Magnetic pendant LUM ST307M SS
			
Luminous flux (PSU)±10%	3000K 24°: 390lm ; 3000K 40°: 420lm 4000K 24°: 480lm ; 4000K 40°: 510lm	3000K 15°: 405lm ; 3000K 24°: 540lm 3000K 40°: 540lm ; 4000K 15°: 495lm 4000K 24°: 675lm ; 4000K 40°: 675lm	3000K 15°: 275lm ; 3000K 24°: 325lm 3000K 36°: 350lm ; 4000K 15°: 425lm 4000K 24°: 405lm ; 4000K 36°: 450lm
Luminous flux (1-10V)±10%	3000K 24°: 360lm ; 3000K 40°: 390lm 4000K 24°: 450lm ; 4000K 40°: 480lm	3000K 15°: 405lm ; 3000K 24°: 395lm 3000K 40°: 495lm ; 4000K 15°: 450lm 4000K 24°: 630lm ; 4000K 40°: 630lm	3000K 15°: 250lm ; 3000K 24°: 300lm 3000K 36°: 325lm ; 4000K 15°: 400lm 4000K 24°: 375lm ; 4000K 36°: 425lm
Power (PSU/1-10V)±10%	6W	9W	5W
Luminous efficacy (PSU)±10%	3000K 24°: 65lm/W ; 3000K 40°: 70lm/W 4000K 24°: 80lm/W ; 4000K 40°: 85lm/W	3000K 15°: 45lm/W ; 3000K 24°: 60lm/W 3000K 40°: 60lm/W ; 4000K 15°: 55lm/W 4000K 24°: 75lm/W ; 4000K 40°: 75lm/W	3000K 15°: 55lm/W ; 3000K 24°: 65lm/W 3000K 36°: 70lm/W ; 4000K 15°: 85lm/W 4000K 24°: 85lm/W ; 4000K 36°: 90lm/W
Luminous efficacy (1-10V)±10%	3000K 24°: 60lm/W ; 3000K 40°: 65lm/W 4000K 24°: 75lm/W ; 4000K 40°: 80lm/W	3000K 15°: 45lm/W ; 3000K 24°: 55lm/W 3000K 40°: 55lm/W ; 4000K 15°: 50lm/W 4000K 24°: 70lm/W ; 4000K 40°: 70lm/W	3000K 15°: 50lm/W ; 3000K 24°: 60lm/W 3000K 36°: 65lm/W ; 4000K 15°: 80lm/W 4000K 24°: 80lm/W ; 4000K 36°: 85lm/W
Life	25000 hours @L70B50 (ETO: 50000 hrs)		
Color temperature	3000K (2870K-3220K) ; 4000K (3710K-4260K)		
Color rendering index (CRI)	≥ 90		
R9	>0		
Color tolerance	SDCM ≤ 5		
Available beam angles NB/MB/WB	24° ; 40°	15° ; 24° ; 40°	15° ; 24° ; 36°
Glare index (UGR)	<19		
Input voltage	fix: 48V/1-10V 24V		
Safety class	Class III		
Control mode	PSU/1-10V		
Stroboscopic effect	No stroboscopic effect		
Driver	Built-in driver		
Installation	Magnetic track		
Pivot angle	0-85°		-
Swivel angle	0-320°		-
IP grade	IP20		
IK grade	IK03		
LUM dimension	163xØ35x146mm	163x Ø45x166mm	63xØ42x1500mm (adjustable)
Operating temperature	-20 ~40°C		
Body material	Aluminum/PC		
Body color	Black		

Technical parameters

Product model	Magnetic grid LUM ST307M GD		Magnetic floodlight ST307M GL		Magnetic adjustable grid LUM ST307M TG	
						
Luminous flux (PSU)±10%	3000K 30°: 560lm 4000K 30°: 640lm	3000K 30°: 1050m 4000K 30°: 1275m	3000K 110°: 320lm 4000K 110°: 320lm	3000K 110°: 600lm 4000K 110°: 600lm	3000K 30°: 560lm 4000K 30°: 640lm	3000K 30°: 1050lm 4000K 30°: 1275lm
Luminous flux (1-10V)±10%	3000K 30°: 520lm 4000K 30°: 600lm	3000K 30°: 975m 4000K 30°: 1200m	3000K 110°: 280lm 4000K 110°: 280lm	3000K 110°: 525lm 4000K 110°: 525lm	3000K 30°: 520lm 4000K 30°: 600lm	3000K 30°: 975lm 4000K 30°: 1200lm
Power (PSU/1-10V)±10%	8W	15W	8W	15W	8W	15W
Luminous efficacy (PSU)±10%	3000K 30°: 70lm/W 4000K 30°: 80lm/W	3000K 30°: 70lm/W 4000K 30°: 85lm/W	3000K 110°: 40lm/W 4000K 110°: 40lm/W	3000K 110°: 40lm/W 4000K 110°: 40lm/W	3000K 30°: 70lm/W 4000K 30°: 80lm/W	3000K 30°: 70lm/W 4000K 30°: 85lm/W
Luminous efficacy (1-10V)±10%	3000K 30°: 65lm/W 4000K 30°: 75lm/W	3000K 30°: 65lm/W 4000K 30°: 80lm/W	3000K 110°: 35lm/W 4000K 110°: 35lm/W	3000K 110°: 35lm/W 4000K 110°: 35lm/W	3000K 30°: 65lm/W 4000K 30°: 75lm/W	3000K 30°: 65lm/W 4000K 30°: 80lm/W
Life	25000 hours@L70B50					
Color temperature	3000K (2870K-3220K) ; 4000K (3710K-4260K)					
Color rendering index (CRI)	≥ 90					
R9	>0					
Color tolerance	SDCM ≤ 5					
Available beam angles NB/MB/WB	30°		110°		30°	
Glare index (UGR)	<19		≤ 34		<19	
Input voltage	fix: 48V / 1-10V, 24V					
Safety class	Class III					
Control mode	PSU / 1-10V					
Stroboscopic effect	No stroboscopic effect					
Driver	Built-in driver					
Installation	Magnetic track					
Pivot angle	-		-		+/-90°	
Swivel angle	-		-		-	
IP grade	IP20					
IK grade	IK03					
LUM dimension	205x22x43mm	299x22x43mm	205x22x43mm	299x22x43mm	210x22x99mm	306x22x99mm
Operating temperature	-20 ~40°C					
Body material	Aluminum/PC					
Body color	Black					

Dimensional drawing

ST307M



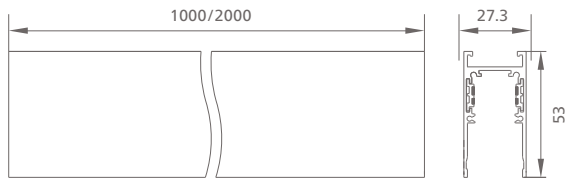
Model	L(mm)	W(mm)	H(mm)
ST307M GD P8 PSU-E	205	22	43
ST307M GD P8 PSR-E 1-10V	205	22	43
ST307M GD P15 PSU-E	299	22	43
ST307M GD P15 PSR-E 1-10V	299	22	43
ST307M TG P8 PSU-E	210	22	99
ST307M TG P8 PSR-E 1-10V	210	22	99
ST307M TG P15 PSU-E	306	22	99
ST307M TG P15 PSR-E 1-10V	306	22	99
ST307M GL P8 PSU-E	205	22	43
ST307M GL P8 PSR-E 1-10V	205	22	43
ST307M GL P15 PSU-E	299	22	43
ST307M GL P15 PSR-E 1-10V	299	22	43
ST307M SS P5 PSU-E	163	42	300
ST307M SS P5 PSR-E 1-10V	163	42	300

Model	L(mm)	W(mm)	H(mm)
ST307M ST P6 PSU-E	163	35	146
ST307M ST P6 PSR-E 1-10V	163	35	146
ST307M ST P9 PSU-E	163	45	166
ST307M ST P9 PSR-E 1-10V	163	45	166

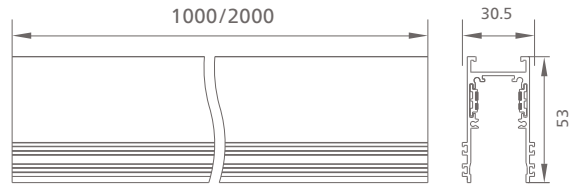
Dimensional drawing

Accessories

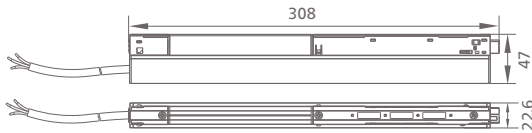
SM surface-mount track



SM recessed track



150W PSU driving power



150W 1-10V driving power

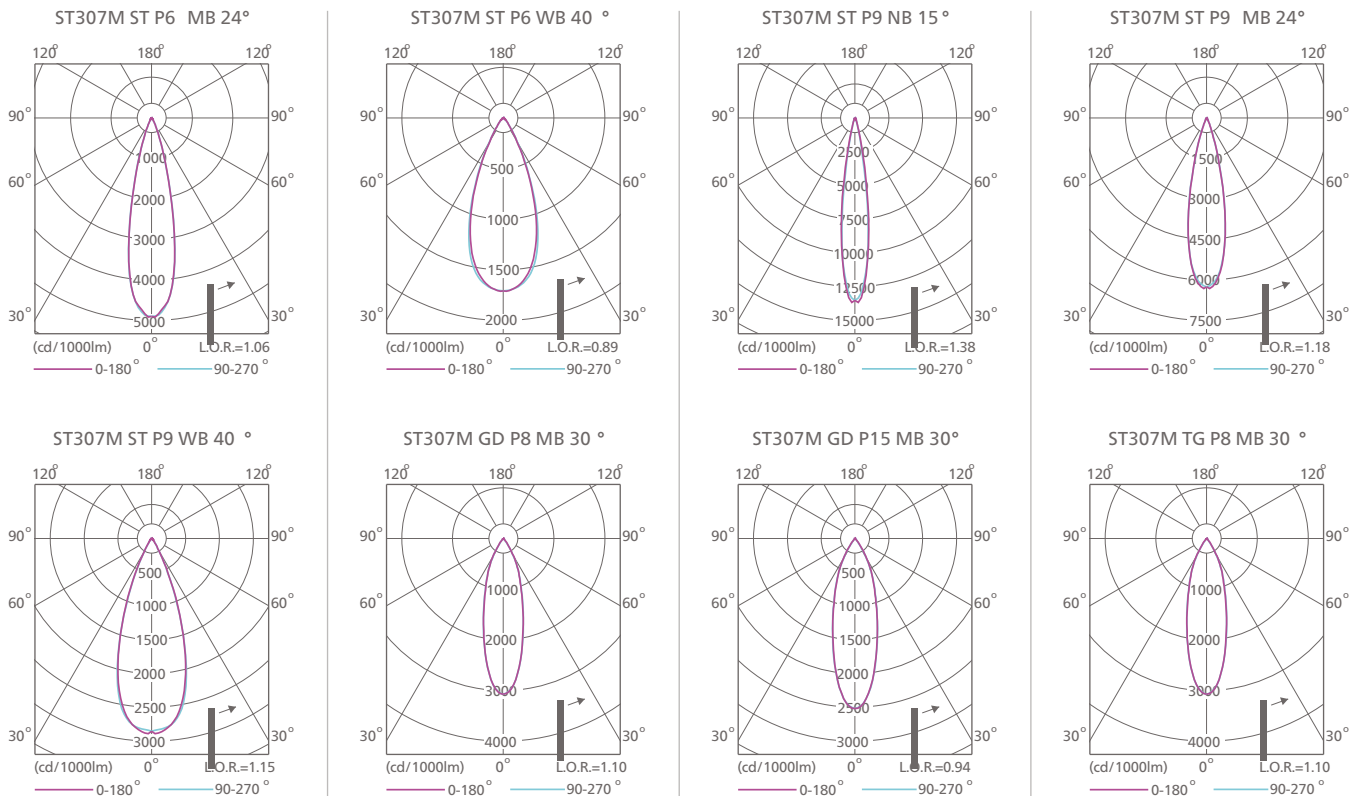


Model	L(mm)	W(mm)	H(mm)
ST307Z SM L1000	1000	27.3	53
ST307Z SM L2000	2000	27.3	53
ST307Z RS L1000	1000	30.5	53
ST307Z RS L2000	2000	30.5	53

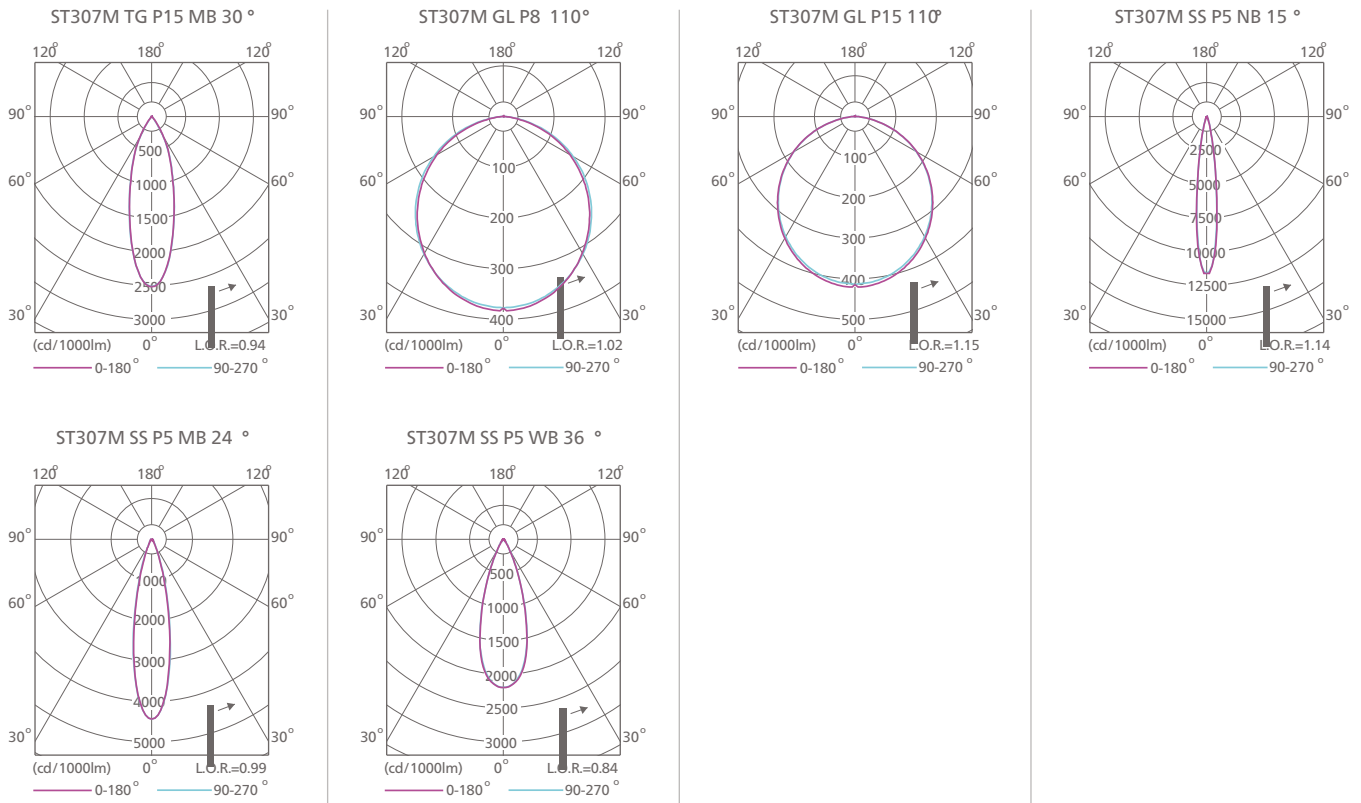
Model	L(mm)	W(mm)	H(mm)
ST307Z 150W PSU driver	308	22.6	47
ST307Z 150W 1-10V driver	268	45	30.5

Retail & Hospitality

Light distribution curve



Light distribution curve



Retail & Hospitality

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Color temperature	Type	Control mode
ST307M TG P8 940 PSU-E MB	8W	4000K	Magnetic adjustable grid LUM	PSU
ST307M TG P8 930 PSU-E MB	8W	3000K	Magnetic adjustable grid LUM	PSU
ST307M TG P15 940 PSU-E MB	15W	4000K	Magnetic adjustable grid LUM	PSU
ST307M TG P15 930 PSU-E MB	15W	3000K	Magnetic adjustable grid LUM	PSU
ST307M GD P8 940 PSU-E MB	8W	4000K	Magnetic grid LUM	PSU
ST307M GD P8 930 PSU-E MB	8W	3000K	Magnetic grid LUM	PSU
ST307M GD P15 940 PSU-E MB	15W	4000K	Magnetic grid LUM	PSU
ST307M GD P15 930 PSU-E MB	15W	3000K	Magnetic grid LUM	PSU
ST307M GL P8 940 PSU-E OP	8W	4000K	Magnetic floodlight	PSU
ST307M GL P8 930 PSU-E OP	8W	3000K	Magnetic floodlight	PSU
ST307M GL P15 940 PSU-E OP	15W	4000K	Magnetic floodlight	PSU
ST307M GL P15 930 PSU-E OP	15W	3000K	Magnetic floodlight	PSU
ST307M SS P5 940 PSU-E WB	5W	4000K	Magnetic pendant	PSU
ST307M SS P5 940 PSU-E NB	5W	4000K	Magnetic pendant	PSU
ST307M SS P5 940 PSU-E MB	5W	4000K	Magnetic pendant	PSU
ST307M SS P5 930 PSU-E WB	5W	3000K	Magnetic pendant	PSU

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

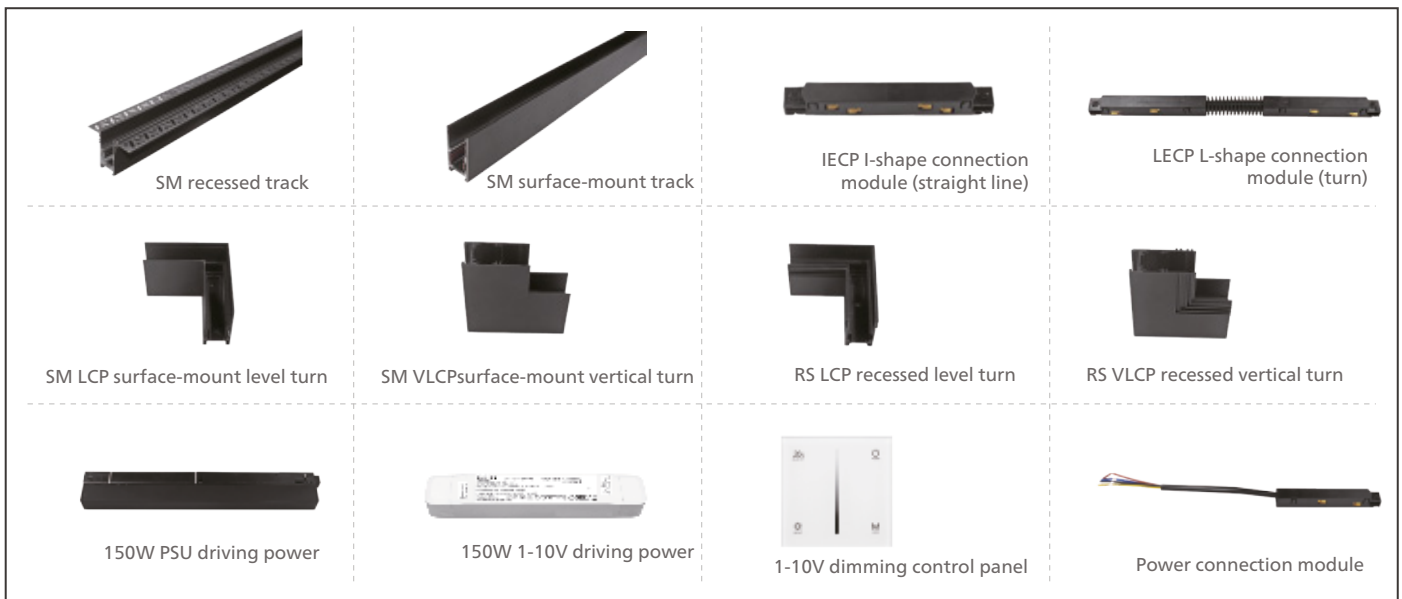
Product model	Power	Color temperature	Type	Control mode
ST307M SS P5 930 PSU-E NB	5W	3000K	Magnetic pendant	PSU
ST307M SS P5 930 PSU-E MB	5W	3000K	Magnetic pendant	PSU
ST307M ST P9 940 PSU-E WB	9W	4000K	Magnetic track	PSU
ST307M ST P9 940 PSU-E NB	9W	4000K	Magnetic track	PSU
ST307M ST P9 940 PSU-E MB	9W	4000K	Magnetic track	PSU
ST307M ST P9 930 PSU-E WB	9W	3000K	Magnetic track	PSU
ST307M ST P9 930 PSU-E NB	9W	3000K	Magnetic track	PSU
ST307M ST P9 930 PSU-E MB	9W	3000K	Magnetic track	PSU
ST307M ST P6 940 PSU-E WB	6W	4000K	Magnetic track	PSU
ST307M ST P6 940 PSU-E MB	6W	4000K	Magnetic track	PSU
ST307M ST P6 930 PSU-E WB	6W	3000K	Magnetic track	PSU
ST307M ST P6 930 PSU-E MB	6W	3000K	Magnetic track	PSU
ST307Z 150W PSU driver	-	-	Magnetic 150W power 48V	PSU
ST307M TG P8 940 PSR-E 1-10V MB	8W	4000K	Magnetic adjustable grid LUM	1-10V
ST307M TG P8 930 PSR-E 1-10V MB	8W	3000K	Magnetic adjustable grid LUM	1-10V
ST307M TG P15 940 PSR-E 1-10V MB	15W	4000K	Magnetic adjustable grid LUM	1-10V
ST307M TG P15 930 PSR-E 1-10V MB	15W	3000K	Magnetic adjustable grid LUM	1-10V
ST307M GD P8 940 PSR-E 1-10V MB	8W	4000K	Magnetic grid LUM	1-10V
ST307M GD P8 930 PSR-E 1-10V MB	8W	3000K	Magnetic grid LUM	1-10V
ST307M GD P15 940 PSR-E 1-10V MB	15W	4000K	Magnetic grid LUM	1-10V
ST307M GD P15 930 PSR-E 1-10V MB	15W	3000K	Magnetic grid LUM	1-10V
ST307M GL P8 940 PSR-E 1-10V OP	8W	4000K	Magnetic floodlight	1-10V
ST307M GL P8 930 PSR-E 1-10V OP	8W	3000K	Magnetic floodlight	1-10V
ST307M GL P15 940 PSR-E 1-10V OP	15W	4000K	Magnetic floodlight	1-10V
ST307M GL P15 930 PSR-E 1-10V OP	15W	3000K	Magnetic floodlight	1-10V
ST307M SS P5 940 PSR-E 1-10V WB	5W	4000K	Magnetic pendant	1-10V
ST307M SS P5 940 PSR-E 1-10V NB	5W	4000K	Magnetic pendant	1-10V
ST307M SS P5 940 PSR-E 1-10V MB	5W	4000K	Magnetic pendant	1-10V
ST307M SS P5 930 PSR-E 1-10V WB	5W	3000K	Magnetic pendant	1-10V
ST307M SS P5 930 PSR-E 1-10V NB	5W	3000K	Magnetic pendant	1-10V
ST307M SS P5 930 PSR-E 1-10V MB	5W	3000K	Magnetic pendant	1-10V
ST307M ST P9 940 PSR-E 1-10V WB	9W	4000K	Magnetic track	1-10V
ST307M ST P9 940 PSR-E 1-10V NB	9W	4000K	Magnetic track	1-10V
ST307M ST P9 940 PSR-E 1-10V MB	9W	4000K	Magnetic track	1-10V
ST307M ST P9 930 PSR-E 1-10V WB	9W	3000K	Magnetic track	1-10V
ST307M ST P9 930 PSR-E 1-10V NB	9W	3000K	Magnetic track	1-10V
ST307M ST P9 930 PSR-E 1-10V MB	9W	3000K	Magnetic track	1-10V
ST307M ST P6 940 PSR-E 1-10V WB	6W	4000K	Magnetic track	1-10V
ST307M ST P6 940 PSR-E 1-10V MB	6W	4000K	Magnetic track	1-10V
ST307M ST P6 930 PSR-E 1-10V WB	6W	3000K	Magnetic track	1-10V
ST307M ST P6 930 PSR-E 1-10V MB	6W	3000K	Magnetic track	1-10V
ST307Z 150W 1-10V driver	-	-	Magnetic 150W power 24V 1-10V	1-10V
ST307Z 1-10V controller	-	-	Magnetic 1-10V dimmer	1-10V

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Type
ST307Z LECP	Magnetic L-shape connection module
ST307Z IECP	Magnetic L-shape connection module
ST307Z driver connection module	Magnetic power connection module, for 1-10V 24V power
ST307Z RS LCP	Magnetic flush-mount level turn
ST307Z RS VLCP	Magnetic flush-mount vertical turn
ST307Z RS L2000	Magnetic flush-mount 2-meter track
ST307Z RS L1000	Magnetic flush mount 1-meter track
ST307Z SM LCP	Magnetic surface-mount level turn
ST307Z SM VLCP	Magnetic surface-mount vertical turn
ST307Z SM L2000	Magnetic surface-mount 2-meter track
ST307Z SM L1000	Magnetic surface-mount 1-meter track

Retail & Hospitality





Customizable 3D-Printed Projectors, tracks and suspensions.

Retail & Hospitality



3D printed pendant Cylinder Series

50 000 h
L80

1 %

Dimmable
DALI PSD3000 K
3700 K
4000 K

80 and 90



12° to 60°



Class II

+10°C to
+35°C

650° C



IK02



IP20

65%
recycled
materials

PHILIPS
interact
ready.



The elegant, customizable cylindrical luminaire

- Flux from 1,200 to 3,200 lumens, with efficiency up to 149 lm/W
- 10 colors to choose from, including a selection made from 65% recycled polycarbonate or 55% bio-sourced materials
- Dedicated shades for retail lighting (FreshFood, Premium White, FreshFood Meat...)
- Available in CRI90, for excellent color rendering
- Available in ceiling (SM), rail (PT) or bracket (PS) versions
- DALI dimmable version available
- Variety of beams from 12° to 60°
- Available as an Interact ready connected version, find out more about Interact: www.interact-lighting.com



*See additional information at the beginning of the Retail chapter

Find all size, color and texture options on our online configurator



Configurator
Cylinder Series



3D printed Projector Track Series



50 000 h
L80

1 %



Dimmable
DALI PSD



Non
dimmable
PSU



2700 K to
4000 K



80 and 90



12° to 60°



Classe II



+10°C to
+35°C



650°C



IK02



IP20



65%
recycled
materials

PHILIPS

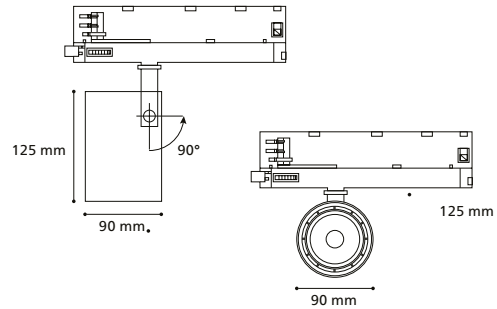


FreshFood*
LED shades



LED shades
Fashion*

- Variety of beams from 12° to 60°
- 13 colors to choose from, including 3 made from 65% recycled polycarbonate
- Several hinge designs and LED modules available
- Dedicated shades for retail lighting (FreshFood, Premium White, FreshFood Meat...)



Dimension in mm

*See additional information at the beginning of the Retail chapter

Find all size, color and texture options on our online configurator



Configurator
Track series



Retail & Hospitality



3 Circuit Track RCS750



Non dimmable PSU

PHILIPS

Retail & Hospitality



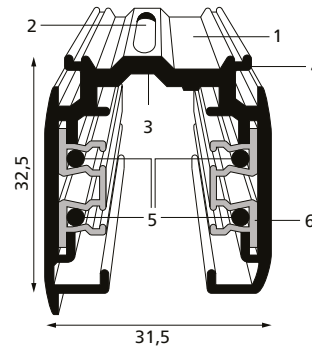
Aluminum version



White version

The simple, scalable solution for accent lighting

- Flexible: ceiling-mounted or suspended rail
- Upgradeable: selective lighting (3-phase) possible
- Simple: rail can be split to suit requirements



Dimensions in mm

1. Anodized/painted aluminum profile
2. Perforation for direct mounting
3. Ground contact
4. Mechanical fastening wing
5. Active copper conductors, 4mm² cross-section
6. Rigid PVC conductor insulation sheath

Comprehensive selection of product codes available, contact Signify Middle East.

Designation

White rail (WH), lengths 1, 2, 3 or 4 meters

RCS750 3C L1000 WH (XTS4100-3)

RCS750 3C L2000 WH (XTS4200-3)

RCS750 3C L3000 WH (XTS4300-3)

RCS750 3C L4000 WH (XTS4400-3)

Aluminum rail (ALU), lengths 1, 2, 3 or 4 meters

RCS750 3C L1000 ALU (XTS4100-1)

RCS750 3C L2000 ALU (XTS4200-1)

RCS750 3C L3000 ALU (XTS4300-1)

RCS750 3C L4000 ALU (XTS4400-1)

Black rail (BK), lengths 1, 2, 3 or 4 meters

RCS750 3C L1000 BK (XTS4100-2)

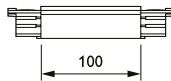
RCS750 3C L2000 BK (XTS4200-2)

RCS750 3C L3000 BK (XTS4300-2)

RCS750 3C L4000 BK (XTS4400-2)

3 Circuit Track Accessories

Central power supply ZRS750



Central power supply
250 V/16 A,
per conductor.

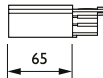
Designation

Central power supply, white or black finish

ZRS750 CPS WH (XTS14-3)

ZRS750 CPS BK (XTS14-2)

End point power supply ZRS750



End point power supply
250 V/16 A per conductor

Designation

Left-hand guide EPSL, white WH or black BK finish

ZRS750 EPSL WH (XTS12-3+41-3)

ZRS750 EPSL BK (XTS12-2+41-2)

Right-hand guide EPSR, white WH or black BK finish

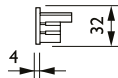
ZRS750 EPSR (XTS11-3+41-3)

ZRS750 EPSR (XTS11-2+41-2)

ZRS750 EPSR provided
with a right-hand guide

ZRS750 EPSL provided
with a left-hand guide

End point cap ZRS750



Allows closing of the
end of the rail.

Designation

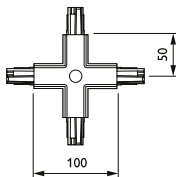
End cap, finish white (WH)

ZRS750 EP WH (XTS41-3)

End cap, black finish (BK)

ZRS750 EP BK (XTS41-2)

Cross connector ZRS750



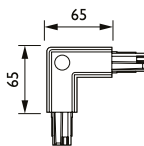
Connects four rails
crosswise, 230 V/16 A
per conductor.

Designation

Cross connector, finish white WH

ZRS750 CPX WH (XTS38-3)

Elbow 90° ZRS750



Connects two rails in
an L, 230 V/16 A per
conductor

Designation

Guide inside elbow, white WH or black BK finish

ZRS750 CCPI WH (XTS34-3)

ZRS750 CCPI BK (XTS34-2)

Guide outside elbow, white WH or black BK finish

ZRS750 CCPE WH (XTS35-3)

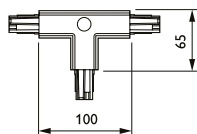
ZRS750 CCPE BK (XTS35-2)

ZRS 750 CCPI supplied
with a guide inside the
elbow

ZRS 750 CCPI supplied
with a guide outside
the elbow.

3 Circuit Track Accessories

T connector ZRS750



Connects three rails in a T, 230 V/16 A per conductor:

ZRS750 TCPR provided with a right-hand guide.

ZRS750 TCPL provided with a left-hand guide

Designation

Right-hand guide, white WH or black BK finish

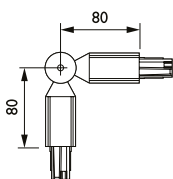
ZRS750 TCPR WH (XTS36-3)

ZRS750 TCPR BK (XTS36-2)

Left-hand guide, white finish WH

ZRS750 TCPL WH (XTS39-3)

Articulated elbow ZRS750



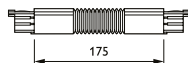
Connects two rails in the same horizontal plane or in 2 different planes after removing and rotating the end caps

Designation

Articulated elbow, finish white WH

ZRS750 ACP WH (XTS24-3)

Flexible connector ZRS750



Allows two rail elements to be butt-joined at variable angles from 0° to 180° in any plane

Designation

Flexible connector, white WH or black BK finish

ZRS750 CPF WH (XTS23-3)

ZRS750 CPF BK (XTS23-2)

Straight connector ZRS750



Butt-connects two rails, 230 V/16 A per conductor

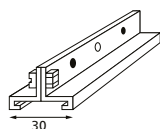
Designation

Straight connector, white WH or black BK finish

ZRS750 ICP WH (XTS21-3)

ZRS750 ICP BK (XTS21-2)

Reinforced suspension clamp ZRS700



Allows the rail to be suspended using a ZCS700 SMS cable (to be ordered separately)

This accessory stiffens the connection between two rails.

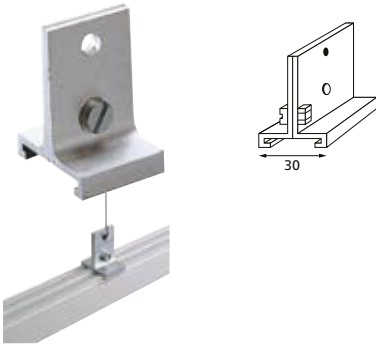
Designation

Reinforced suspension clamp

ZRS700 SPCL ALU SUSP CLAMP L (SKB18-1)

3 Circuit Track Accessories

Fixing clamp ZRS700



Fixing in the rail fins.

Allows the rail to be suspended using a ZCS700 SMS cable (to be ordered separately).

Designation

Fixing Clamp

ZRS700 SPC ALU SUSP CLAMP (SKB16-1)

Suspension cable ZRS700



Aluminum suspension cable, 1.5 m long, can be cut to length.

Designation

1.5-metre aluminum cable, can be cut to size

ZRS700 SMS SUSP SET L1500 (SKB34-1)

Closing profile ZRZ750



Closing profile for 3-circuit rail, white finish

Allows closing of the underneath of the rail.

Designation

Closing profile, finish white WH

ZRS750 CS WH (XTSP11-3)

Screw fixing ZRS700



Fixes in the fins of the rail.

Allows direct fixing of the rail to the ceiling.

Designation

Screw fixing

ZRS700 SCP ALU SUSP CLAMP (SKB12-1)

ZRS700 SCP WH SUSP CLAMP (SKB12-3)

Mounting bracket ZRS750



Allows a spotlight to be fixed with a connector for 3-circuit rail to the ceiling

Designation

Mounting bracket

ZRS750 3C BA GR (GA70-1)

ZRS750 3C BA BK (GA70-2)

ZRS750 3C BA WH (GA70-3)

Wrench for rail ZCS750



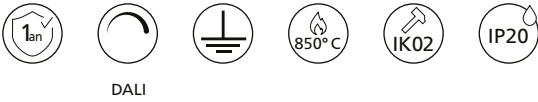
Wrench for rail must be used when cutting the rail to bend the conductors and easily insert the power supply box.

Designation

Wrench for rail

ZCS750 TRACK WIRE BENDING TOOL (XTSV12)

Dali Track RCS750/RBS750

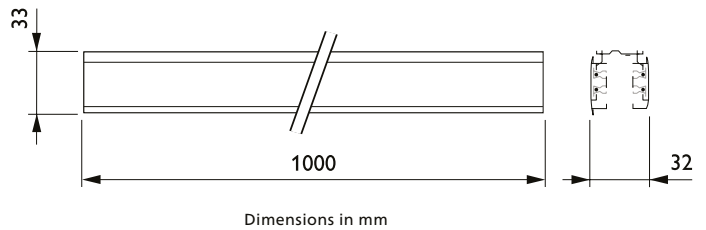


PHILIPS



The simple, scalable solution for accent lighting

- Flexible: rail mounted, suspended or recessed in the ceiling
- Upgradeable: selective 3-phase switching to create different lighting moods
- Energy-saving, thanks to Dali dimmable spotlights



Comprehensive selection of product codes available, contact Signify Middle East.

Designation

Dali rail, fixed or suspended - color White (WH), lengths 1, 2, 3, 4 meters

RCS750 5C6 L1000 WH (XTSC6100-3)

RCS750 5C6 L2000 WH (XTSC6200-3)

RCS750 5C6 L3000 WH (XTSC6300-3)

RCS750 5C6 L4000 WH (XTSC6400-3)

Suspended or fixed Dali rail - color Aluminum (ALU), lengths 1, 2, 3, 4 meters

RCS750 5C6 L1000 ALU (XTSC6100-1)

RCS750 5C6 L2000 ALU (XTSC6200-1)

RCS750 5C6 L3000 ALU (XTSC6300-1)

RCS750 5C6 L4000 ALU (XTSC6400-1)

Suspended or fixed Dali rail - Black (BK), lengths 1, 2, 3, 4 meters

RCS750 5C6 L1000 BK (XTSC6100-2)

RCS750 5C6 L2000 BK (XTSC6200-2)

RCS750 5C6 L3000 BK (XTSC6300-2)

RCS750 5C6 L4000 BK (XTSC6400-2)

Recessed Dali rail - color White (WH), lengths 1, 2, 3, 4 meters

RBS750 5C6 L1000 WH (XTSCF6100-3)

RBS750 5C6 L2000 WH (XTSCF6200-3)

RBS750 5C6 L3000 WH (XTSCF6300-3)

RBS750 5C6 L4000 WH (XTSCF6400-3)

Recessed Dali rail - color Aluminum (ALU), lengths 1, 2, 3, 4 meters

RBS750 5C6 L1000 ALU (XTSCF6100-1)

RBS750 5C6 L2000 ALU (XTSCF6200-1)

RBS750 5C6 L3000 ALU (XTSCF6300-1)

RBS750 5C6 L4000 ALU (XTSCF6400-1)

Recessed Dali rail - Black (BK), lengths 1, 2, 3, 4 meters

RBS750 5C6 L1000 BK (XTSCF6100-2)

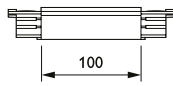
RBS750 5C6 L2000 BK (XTSCF6200-2)

RBS750 5C6 L3000 BK (XTSCF6300-2)

RBS750 5C6 L4000 BK (XTSCF6400-2)

Dali Track Accessories

Central power supply ZCS750



Central power supply box 250 V/16 A per conductor

Designation

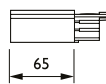
Central power supply

ZCS750 5C6 MPS BK (XTSC614-2)

ZCS750 5C6 MPS GR (XTSC614-1)

ZCS750 5C6 MPS WH (XTSC614-3)

End point power supply ZCS750



End point power supply box 250 V/16 A per conductor

ZRS750 EPSR provided with a right-hand guide

ZRS750 EPSL provided with a left-hand guide

Designation

Right-hand guide SR

ZCS750 5C6 EPSR BK (XTSC611-2)

ZCS750 5C6 EPSR GR (XTSC611-1)

ZCS750 5C6 EPSR WH (XTSC611-3)

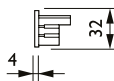
Left-hand guide SL

ZCS750 5C6 EPSL BK (XTSC612-2)

ZCS750 5C6 EPSL GR (XTSC612-1)

ZCS750 5C6 EPSL WH (XTSC612-3)

End point cap ZRS750



Allows closing of the end of the rail

Designation

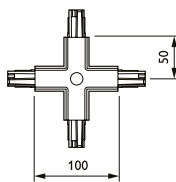
End cap, finish white (WH)

ZRS750 EP WH (XTS41-3)

End cap, black finish (BK)

ZRS750 EP BK (XTS41-2)

Cross connector ZCS750



Connects four rails crosswise, 230 V/16 A per conductor

Designation

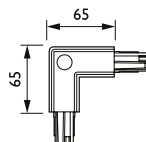
Cross connector

ZCS750 5C6 XCP BK (XTSC638-2)

ZCS750 5C6 XCP GR (XTSC638-1)

ZCS750 5C6 XCP WH (XTSC638-3)

Elbow 90° ZCS750



Connects two rails in an L, 230 V/16 A per conductor

ZRS 750 CCPI supplied with a guide inside the elbow

ZRS 750 CCPI supplied with a guide outside the elbow

Designation

Guide outside the elbow

ZCS750 5C6 CCPE BK (XTSC635-2)

ZCS750 5C6 CCPE GR (XTSC635-1)

ZCS750 5C6 CCPE WH (XTSC635-3)

Guide inside the elbow

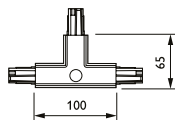
ZCS750 5C6 CCPI BK (XTSC634-2)

ZCS750 5C6 CCPI GR (XTSC634-1)

ZCS750 5C6 CCPI WH (XTSC634-3)

Dali Track Accessories

T connector ZCS750



Connects three rails in a T, 230 V/16 A per conductor:

ZRS750 TCPR provided with a right-hand guide

ZRS750 TCPL provided with a left-hand guide

Designation

Outside guide, on left

ZCS750 5C6 TCPL BK (XTSC639-2)

ZCS750 5C6 TCPL GR (XTSC639-1)

ZCS750 5C6 TCPL WH (XTSC639-3)

Inside guide, on left

ZCS750 5C6 TCPLI BK (XTSC637-2)

ZCS750 5C6 TCPLI GR (XTSC637-1)

ZCS750 5C6 TCPLI WH (XTSC637-3)

Outside guide, on right

ZCS750 5C6 TCPRE BK (XTSC636-2)

ZCS750 5C6 TCPRE GR (XTSC636-1)

ZCS750 5C6 TCPRE WH (XTSC636-3)

Inside guide, on right

ZCS750 5C6 TCPRI BK (XTSC640-2)

ZCS750 5C6 TCPRI GR (XTSC640-1)

ZCS750 5C6 TCPRI WH (XTSC640-3)

Straight connector ZCS750



Butt-connects two rails, 230 V/16 A per conductor.

Designation

Straight connector

ZCS750 5C6 IPC BK (XTSC621-2)

ZCS750 5C6 IPC GR (XTSC621-1)

ZCS750 5C6 IPC WH (XTSC621-3)

Reinforced suspension clamp ZRS700



Allows the rail to be suspended using a ZCS700 SMS cable (to be ordered separately)

This accessory stiffens the connection between two rails.

Designation

Reinforced suspension clamp

ZRS700 SPCL ALU SUSP CLAMP L (SKB18-1)

Fixing clamp ZRS700



Fixing in the rail fins

Allows the rail to be suspended using a ZCS700 SMS cable (to be ordered separately)

Designation

Fixing Clamp

ZRS700 SPC ALU SUSP CLAMP (SKB16-1)

Dali Track Accessories

Suspension cable ZRS700



Aluminum suspension cable, 1.5 m long, can be cut to length

Designation

1.5-metre aluminum cable, can be cut to size

ZRS700 SMS SUSP SET L1500 (SKB34-1)

Closing profile ZRS750



Closing profile for 3-circuit rail, white finish

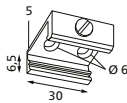
Designation

Closing profile, finish white WH

ZRS750 CS WH (XTSP11-3)

Allows fixing on the top of the rail

Screw fixing ZRS700



Attached to the rail fins

Designation

Screw fixing

ZRS700 SCP ALU SUSP CLAMP (SKB12-1)

ZRS700 SCP WH SUSP CLAMP (SKB12-3)

Allows direct fixing of the rail to the ceiling

Wrench for rail ZCS750



Wrench for rail must be used when cutting the rail to bend the conductors and easily insert the power supply box

Designation

Wrench for rail

ZCS750 TRACK WIRE BENDING TOOL (XTSV12)



Customizable 3D-Printed architectural suspensions

Retail & Hospitality



Sustainable luminaires from the circular economy



Series with 3D-printed parts containing 65% recycled polycarbonate



Series with 3D-printed parts containing 55% bio-circular polycarbonate obtained from vegetable and cooking oils



Retail & Hospitality



Contribution to the circular economy

Produced with a minimum of 55% recycled or bio-circular plastics.

Up to 40% fewer components Easy to dismantle.



Reduced CO2 emissions

Up to 76% less carbon emissions from materials sourcing and manufacturing*.

Up to 28% fewer carbon emissions on transport due to reduced weight*

Carbon-neutral production

*Based on life cycle assessment of downlights



Waste treatment

No unsold stock Manufacturing on demand.

Reuse of production waste. 0% waste manufacturing target.

If you'd like to find out more about our manufacturing process, our achievements or the types of products available, please visit our dedicated website.



Configurator
Philips MyCreation

3D Printed Suspension Original Series



Class II

+10°
to +35°

Lamp not
included

PHILIPS

Customizable LED architectural suspension

- Decorative pendants with diameters from 300 to 500 mm to suit small or large spaces
- 3 shapes available in 2 sizes (M and L)
- 11 texture effects and 11 colors available
- E27 socket (lamp not included) for adding the lamp of your choice
- Choice of bracket color: black, white or the same color as the hanging light
- Supplied with 300 cm cable

Original One



Original Two



Original Three



Retail & Hospitality

Find all size, color and texture options on our online configurator



Original Series
Configurator



3D Printed Suspension Grand Series



50 000 h
L80



1 %



Dimmable
DALI PSD
DIA



Non
dimmable
PSU



2 700 K to
4 000 K



80 et 90



4 beams
available



Class II



+10°C to
+35°C



650°C



IK02



IP20

PHILIPS
interact
ready.



LED shades
Fashion*



LED shades
FreshFood*

Customizable LED architectural suspension

- Decorative pendants diameter 300 (Medium) to 400 mm (Large)
- Light output from 1,200 to 4,200 lm, multiple light beams
- Available in ceiling, pendant and rail versions
- Dedicated colors for retail lighting (FreshFood, Premium White, FreshFood Meat...)
- DALI dimmable version available
- Available as an Interact ready connected version, find out more about Interact: www.interact-lighting.com
- Choice of bracket color: black, white or the same color as the hanging light
- Supplied with 300 cm cable



Retail & Hospitality

*See additional information at the beginning of the Retail chapter

Find all size, color and texture options on our online configurator



Configurator
Grand Series

3D Printed Suspension Industrial Series



Class II

+10°
to +35°

Lamp not
included

PHILIPS

Retail & Hospitality



An elegant, customizable interpretation of vintage-style industrial fixtures

- Opaque or transparent materials in a vast choice of textures: 11 colors and 7 textures
- Wide variety of optic configurations and reflector customization options
- E27 socket (lamp not included) for adding the lamp of your choice
- Available with suspension bracket or rail mounting
- Supplied with 300 cm cable

Find all size, color and texture options on our online configurator



Configurator
Industrial Series



3D Printed Suspension Coastal Breeze Series



Class II

+10°
to +35°

Lamp not
included

100%
recycled
materials

PHILIPS



A unique collection inspired by the ocean

- Luminaires made on request from recycled fishing nets (100% recycled nylon)
- Textures inspired by dunes, rippling water or fish scales -Subtle variations and a turquoise color make each luminaire unique
- E27 socket (lamp not included) for adding the lamp of your choice
- Supplied with 175 cm cable

Retail & Hospitality

Find all size, color and texture options online



More information Coastal breeze series





3D Printed Suspension Dome Series



50 000 h
L80



1 %



Dimmable
DALI PSD



Non
dimmable
PSU



2 700 K
3 000 K
4 000 K



80 and 90



Class II



+10°C to
+35°C



650° C



IK02



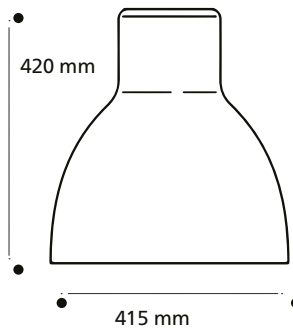
IP20

PHILIPS

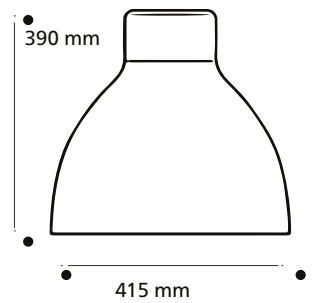


Decorative functional suspension with customizable interior reflector

- Flux from 1,700 to 8,000 lumens
- Outer casing : choice of 18 matte, satin, metallic or translucent materials and 6 textures
- Inner shell customizable with 7 colors and 3 patterns
- DALI option available
- Available as bracket or rail-mounted version
- Supplied with 300 cm cable



Model BA large



BA model

Dimension in mm

Retail & Hospitality

Find all size, color and texture options on our online configurator



Configurator
Dome Series



3D Printed Suspension Cords Series



Class II

+10°
to +35°

Lamp not
included

PHILIPS

Retail & Hospitality



A minimalist, customizable design to enhance your decorative lamps

- 3 lengths available (10.2 cm, 16.2 cm, 23.2 cm)
- Customize with a choice of 10 satin or metallic colors and 8 textures
- E27 socket (lamp not included) for adding the lamp of your choice
- Choice of bracket color: black, white or the same color as the hanging light
- Supplied with 300 cm cable

Find all size, color and texture options
on our online configurator



Configurator
Cord Series



3D Printed Suspension First Series



Class II

+10°
to +35°

Lamp not
included

PHILIPS



Ridge



Pear



Apple



Twist



Bell



Umbrella



Cone

Customizable suspensions with original shapes and finishes

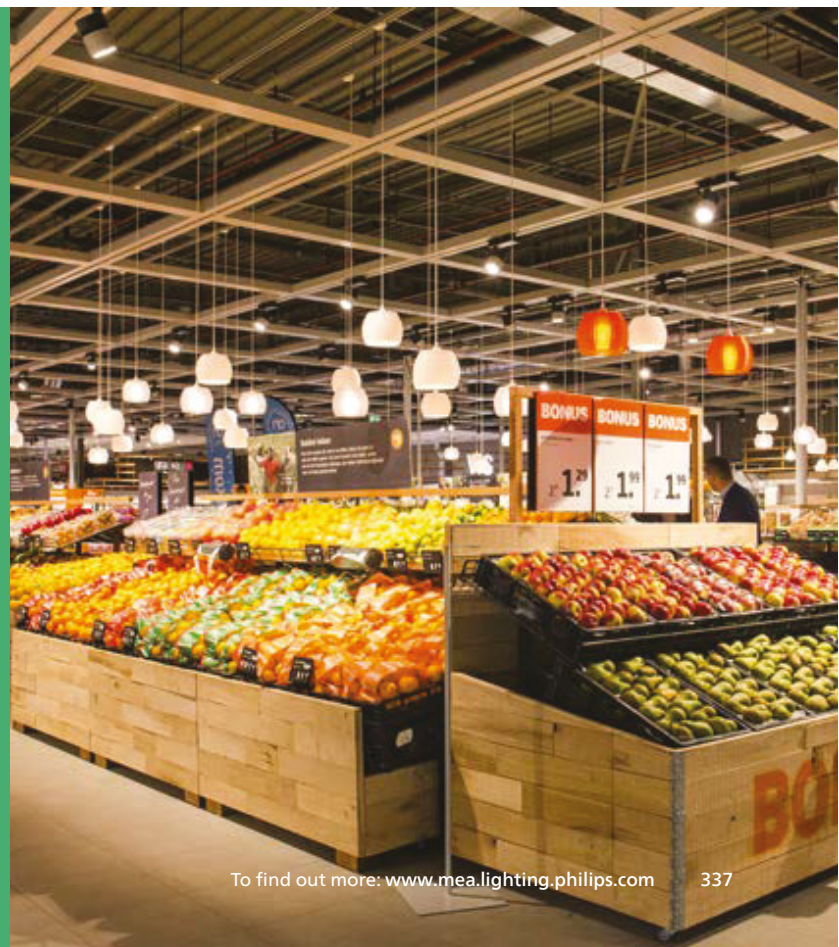
- Distinctive atmospheres thanks to 7 original shapes and a variety of finishes: 28 colors (translucent, pop, metallic and matte) and 11 material effects to combine
- Depending on shape: diameter 179 mm to 204 mm, height 147 to 166 mm
- E27 socket (lamp not included) for adding the lamp of your choice
- Available with suspension bracket or rail mounting
- Optional: add a logo to certain shapes
- Supplied with 300 cm cable

Retail & Hospitality

Find all size, color and texture options on our online configurator



Configurator
First Series



Functional 3D-Printed architectural suspensions

Retail & Hospitality



DEUREN & KOZIJNEN	13
KASTEN & INBOUWKASTEN	12,14
SPIEGELS & SPIEGELKASTEN	29
WAND- & VLOERTEGELS	25-28
WASTAFELS & TOILETTEN	29-30

BELIJDINGSWOLLEN	18
LAMPEN & ANDERE WOLLEN	23-24
PLAATSMETALLEN CHRISTMASDECOR	15-17
INNOVATIEVE & PASTEL	15-17
DRAPERIJ & LAMPEN	16

3D Printed Suspension Height Series



50 000 h
L70



1 %



Dimmable
DALI PSD



Non
dimmable
PSU



3 000 K
4 000 K



>80



70°
120°



Class II



+0°C
to +40°C



650°C



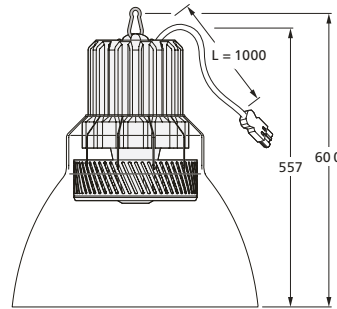
IK05



IP20

Customizable high-power suspensions for high-rise applications

- Available in 6 translucent colors
- Flux from 12,000 to 20,000 lumens
- 2 beams : 70° and 120°
- Available in DALI and non-dimmable versions
- Available in 3000 K and 4000 K
- Supplied with 100 cm cable



Dimension in mm

Retail & Hospitality

Find all size, color and texture options on our online configurator



Height Series
Configurator

Industry





Industry

Industry: For specific applications

Safer, more productive environments

Lighting is an essential factor in industrial performance. LED technology is fully mature and can dramatically reduce lighting, energy and maintenance costs. Lighting renovation is also an opportunity to provide better lighting, at the right place, at the right time.

Choosing the right lighting systematically guarantees better results:

- Fewer work-related accidents
- Reduced scrap
- Increased productivity per employee

Signify offers ideal solutions for your project in terms of illuminance, uniformity, glare control and color rendering.

High-temperature environments

Conventional LED luminaires are very robust and durable products. However, their lifespan can be affected by the extreme temperatures encountered in heavy industries, such as foundries.



GentleSpace gen3 Version Xtreme

The luminaires available in Xtreme version are designed around an IP65 waterproof rating and with components that can withstand ambient temperatures of up to 70°C. They guarantee nominal flux in very high-temperature environments.



Chemical and corrosive atmospheres

Chemical industries such as petrochemicals, pharmaceuticals, polymers and paints, for example, can impose particularly aggressive and corrosive atmospheres on certain equipment, such as lighting.



Pacific LED gen5



GentleSpace gen3

Continuous process industries

Process industries with an imperative need for continuity of service cannot afford untimely power cuts. The IT regime does not require the electricity supply to be cut off in the event of a single insulation fault. If lighting is supplied by this type of electrical installation, it is imperative to use Class II luminaires to guarantee safety.



ClearFlood Large



CoreLine tempo X-Large



GentleSpace gen3



Pacific LED gen5

A Class II luminaire has double or reinforced insulation (equivalent to twice the main insulation) and an ungrounded plug if applicable.

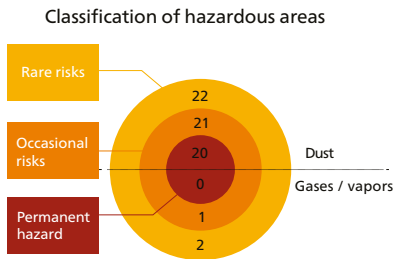
Philips offers specific luminaires with additional treatment to withstand salty, acidic and mineral -oil-laden atmospheres, or those exposed to corrosive agents (check compatibility with chemical elements). Find out more about Pacific LED's chemical resistance on page 219.

The GentleSpace gen3 luminaire with PMMA optics (optional) offers high resistance to cleaning and disinfecting agents.



Explosive atmospheres: ATEX 2/22 luminaires

ATEX zoning defines the risk and match the equipment to be used (electrical and non-electrical) by zone. There are 3 levels of ATEX zone classification, depending on the degree of clearance from the source of combustible material and the type of ventilation in place.



GentleSpace gen3
Atex 2/22



Pacific LED gen5
Atex 2/22

The GentleSpace gen3 and Pacific LED gen5 luminaires offer ATEX 2/22-certified versions to meet these extreme requirements.



Clean and sterile rooms: controlled-atmosphere zones

A cleanroom is a room where the concentration of particles (particularly dust) is controlled for industrial or scientific research purposes. Any equipment present in the enclosure must therefore offer every guarantee to prevent pollution of the room's atmosphere.

Industry



Flexblend RC340
IP54 depending
on version



Cleanroom CR150/250
IP54/65



Cleanroom CR350B
IP65 / Certification ISO class 2-9

Food industry (HACCP/IFS)

Safety management is a fundamental pillar of the food industry culture. It is characterized by demanding, dedicated standards that impose specific characteristics on lighting products.



Cleanroom LED



Pacific LED gen5



CoreLine gen5



CoreLine Waterproof gen2



GentleSpace gen3



CoreLine Waterproof tubular

The GentleSpace gen 3 luminaire can be fitted with a dust cover.

IFS and HACCP-compliant products.

Our polycarbonate (PC) luminaires are "Glass-free": certified without glass components for the food industry.



Industry

Visually intensive work areas: inspection and control

Some industries, such as printing, require visual control and quality inspection. These require high illumination with low glare, and excellent color rendering.



FlexBlend



Cleanroom LED



GentleSpace gen3
CRI 90 special



Pacific LED gen5
CRI 90 special

We can offer you a selection of luminaires that combine high illuminance with an excellent color rendering index (CRI) of 90, for more faithful, natural colors.

Industrial Luminaires

Compare the features of our selection of industrial fittings, ranked from the simplest to the most advanced solution.

Industry



Portfolio Summary

Mini500 G4 Series
BBP/BCP/BGP500



- For petrol stations and convenience stores, excellent energy saving, up to 160lm/W.
- Long term quality and reliability, 60,000 hours lifetime.
- Choice of optics Outdoor and edge area (Asymmetry WB), general area (WB), emphasizing and limited area (NB)
- Flexible installation options, Range of control and connectivity platforms

GentleSpace gen3
BY480P/BY481P



- Compatible with the Interact Pro system
- Easy installation up to 16 m high
- PIR sensor with motion detection and daylight control function
- Compliant with IFS/ HACCP requirements (for applications in food processing plants)
- EU origin version available

GentleSpace gen3
ATEX BY482P/BY483P



- Combining visual comfort and lighting efficiency
- ATEX 2/22 compliant
- Compliant with IFS/ HACCP requirements (for applications in food processing plants)
- EU origin version available

GreenPerform
Elite BY718P



- Slim profile with excellent aesthetics with High lumen package upto 36000 lumens
- Adaptable to the installation of hooks, suspension and brackets
- Ultra-thin shape design, easy installation, Adaptable to multiple application requirements
- Low glare and high color rendering for a comfortable lighting experience, CRI>80; UGR as low as 22

GreenPerform HT
BY689P/688P/687P



- Designed for challenging environments, ultra-wide ambient temperature from -30°C to 60°C.
- Front glass design with variety of optical options(WB and NB)
- Excellent light quality CRI 90 option. Lumen package upto 25 000lm

System flux	Efficiency	Service life	Optic	Connectivity	Standard warranty
Upto 18 000lm	Upto 160lm/W	60,000 Hours (@L70B50)	SWB: 115° SMB: 90° AWB: 110°x 80	No	5 Years
Upto 35 000 lm	Upto 174 lm/W	100 000 h L85 (HE version) 100 000 h L80 (standard version)	16° to 44°	Interact ready versions with integrated SNH210 sensor	5 Years
Upto 35 000 lm	Up to 174 lm/W	100 000 h L85 (HE version) 100 000 h L80 (standard version)	16° to 44°	No	5 Years
Upto 36 000 lm	Upto 160lm/W	75 000 Hours @L70B50	NB WB	Interact ready versions	5 Years
11 000lm to 25 000lm	Upto 135lm/W	50,000 Hours (L70B50)	NB WB	No	5 Years

Industrial Luminaires

Compare the features of our selection of industrial fittings, ranked from the simplest to the most advanced solution.

Industry



Portfolio Summary

GreenPerform Highbay
Rectangular BY570P



- High Efficacy with precision optic options; WB Wide Light /NB Narrow Light /HRO Shelf Light Distribution
- Rectangular body design with integrated lens architecture for excellent glare rating
- Light weight with die-cast aluminium body, available three sizes, protection grade to IP65/IK06

GreenPerform Highbay
BY698P G5



- Excellent lighting effect, better glare control - upto to UGR 20.
- Compact design, round luminous surface and easy to install.
- Robust and durable, protection grade IP65 and IK08
- Energy efficient, with efficacy $\geq 160\text{lm/W}$

GreenUp Line Highbay
G2 BY490P



- High-strength steel plate body, uniform luminous surface.
For Indoor non-IP rated applications

GreenUp Wellglass
BY200P



- For harsh indoor and outdoor industrial environments ,(waterproof, dustproof, anti-corrosive, heat-resistant and anti-seismic)
- Flexible installation options for different industrial applications (the combination of pole mounting, ceiling mounting and wall mounting)

GreenUp Lowbay
BY288P



- Designed for lighting needs of supermarkets, public space and warehouses (Non-IP rated applications)
- Flexible installation options and with availability of optional accessories to adopt indoor spaces

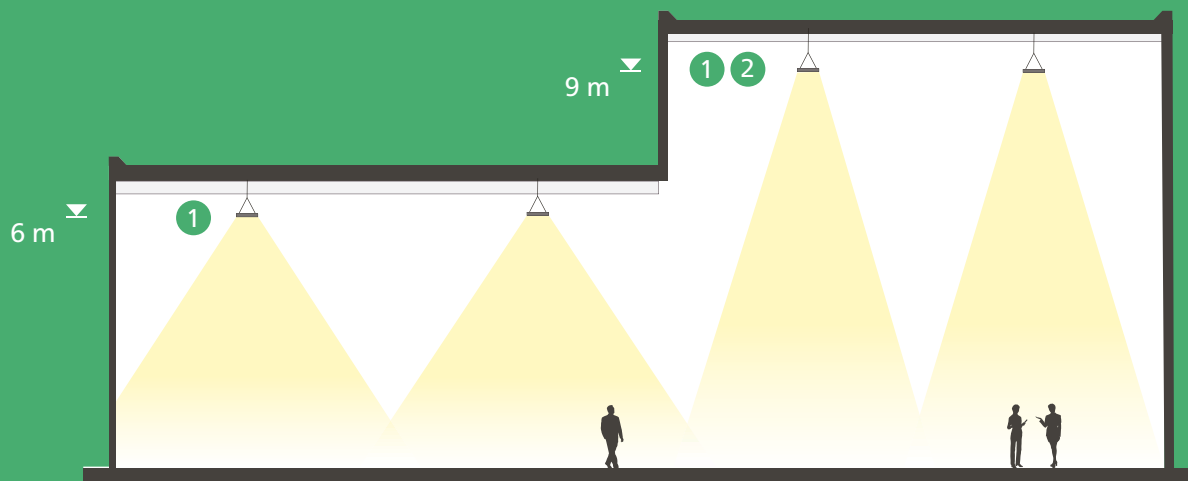
System flux	Efficiency	Service life	Optic	Connectivity	Standard warranty
10 000lm to 25 000lm	Upto 145lm/W	70,000 Hours (L70B50)	NB/ WB/HRO (high rack optics)	Interact ready versions	5 Years
Upto 30 000	Upto 160lm/W	70,000 Hours @L70B50	NB: 60° WB: 90°	No	5 Years
16000, 20000lm	Upto 140lm/W	50 000hrs (L70B50)	WB	No	5 Years
3200lm/4400lm	Upto 110lm/W	50000 Hours (L70B50)	WB	No	5 Years
3600lm 6000lm 9000lm	Upto 120lm/W	50,000 Hours	WB	No	5 Years

Choice of optics for your industrial fittings GentleSpace gen3



The wide choice of beam shapes in the Philips GentleSpace gen3 luminaire lets you tailor lighting to your precise needs. Dedicated optics are designed to provide the right quality of light, whatever the ceiling height or size of the space to be lit.

Industry



1 Wide beam optic (WB)
2 x 47° UGR<25

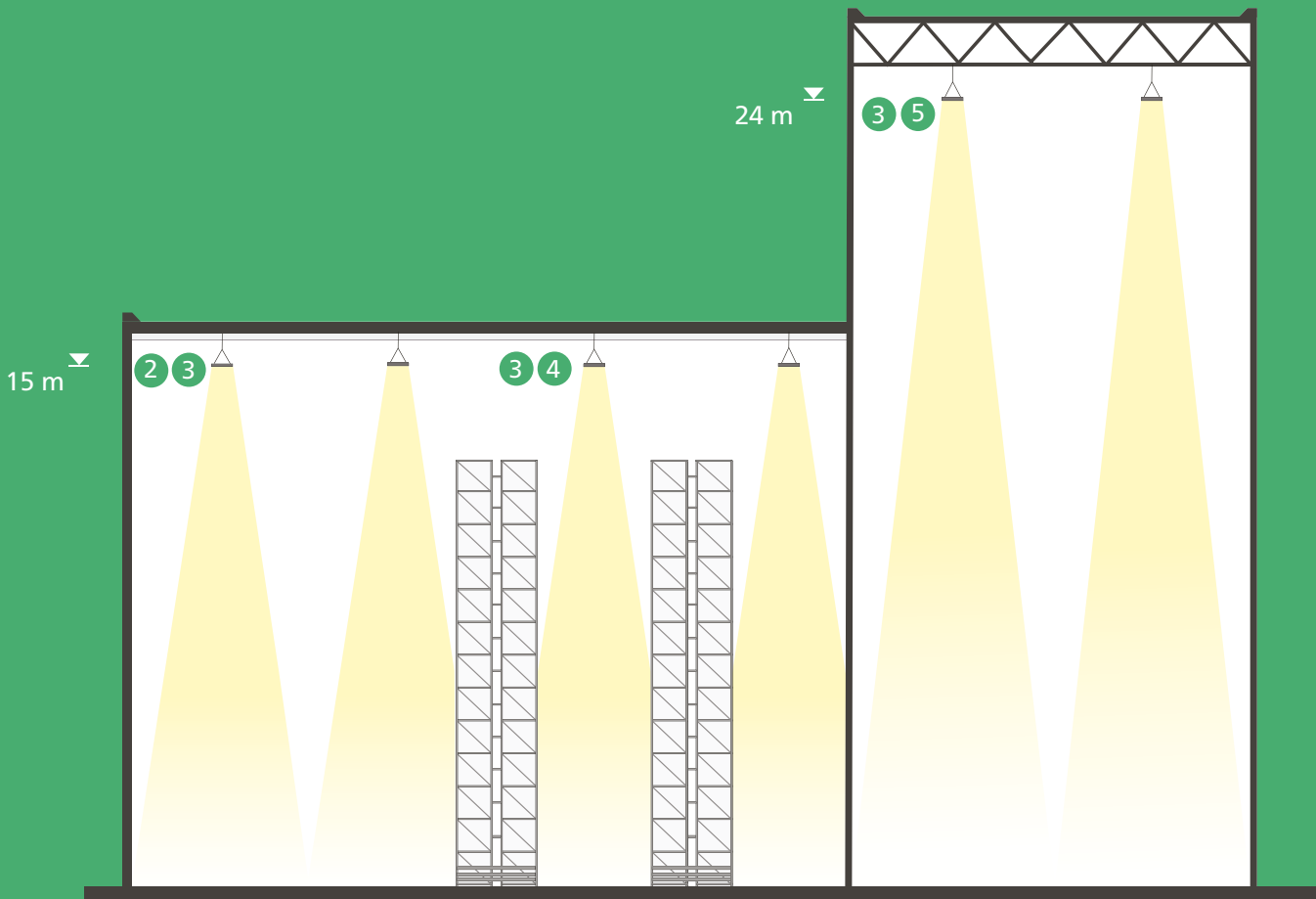
2 Medium optic (MB)
2 x 36° UGR<22

Lighting performance

Open industrial space

Recommended optics for open spaces		Mounting height			
		6 m	9 m	15 m	>24 m
Illumination	500 lux	MB	MB	NB	XNB
	300 lux	WB	MB	MB	XNB
	200 lux	WB	WB	MB	NB

*Depending on space dimensions



- 3** Narrow beam optics (NB) 2 x 26° UGR<20
- 4** Rack optics (HRO) 2 x 15°/47° UGR<25 (25 klm)
- 5** Ultra narrow beam optics (XNB) 2 x 15° UGR<21

Lighting performance

Industrial space / Rack area

For renovation projects Recommended optics for Rack areas		Mounting height			
		9 m	12 m	15 m	18 m
Illumination	300 lux	MB	MB	NB	XNB
	200 lux	HRO	HRO	HRO	NB
	150 lux	HRO	HRO	HRO	HRO

*Depending on space dimensions

Mini500 G4 Series BBP/BCP500



PHILIPS



Industry

Energy-Saving New Generation LED Intelligent Sensor Option Canopy Lighting System

Philips Mini500 G4 is a new generation of canopy intelligent lighting system, which integrates the second generation ActiLumeDALI Gen2 control systems to provide you with a variety of customized intelligent lighting solutions.

Product features

Precise Light Control

Three precise light control options: S-WB/S-MB/A-WB; color rendering index > 80 - Increase illumination at night to ensure safety.

Multiple Lumen Options

8400/12500/14000/18000lm-meet most application requirements.

Energy-Efficient

The system efficiency is as high as 160lm/W; the energy saving is as high as 49% compared with traditional CDM.

Sensor Version Available

Smart version with PIR/DDR probe optional-up to 45% additional energy savings with body sensing and daylight collection probe.

Reliable and Long Lifetime

Service life 50khrs @ L70B50; Protection Grade IP65 IK07

Flexible Installation

Available in three installation modes: ceiling, recessed and pole mounting-flexible to meet various application requirements.

Model	L(mm)	W(mm)	H(mm)	H1(mm)	D(mm)
BBP500 LED85/140PSU&PSD	400	400	96	-	-
BBP500 LED180PSU&PSD	400	400	120	-	-
BBP500 PIR	400	400	115	5	Ø59
BBP500 ACD	400	400	158	8	Ø23
BBP500 GU5.3	400	400	158	9	Ø64
BGP500 PSU	335	335	199	-	-

Model	L(mm)	W(mm)	H(mm)	H1(mm)	D(mm)
BCP500 LED85/140 PSU&PSD	335	335	122	-	-
BCP500 LED180 PSU&PSD	335	335	147	-	-
BCP500 ACD	335	335	147	10	Ø23
BCP500 PIR	335	335	147	7	Ø59
BCP500 GU5.3	335	335	147	11	Ø64

Main Applications

- Gas Station, Canopy, Approach Road, Surrounding Area
- Indoor Lighting: Industrial, Shopping Malls, sports Buildings, Public Area
- Outdoor Lighting: Transportation, Parking Lots, Stadiums



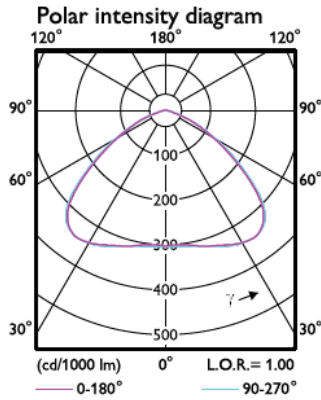
Technical Parameters

Product Model	LED85	LED125	LED140	LED180
Lumen Output (±10%) (Glass version)	8500lm	12500lm	14000lm	18000lm
System Power (±10%) PSU	53W	79W	91W	122W
System Power (±10%) PSD	58W	85W	96W	128W
System Efficiency (±10%)		Upto 160lm/ W (PSU)	Upto 147lm/W (PSD)	
Color Temperature		CW (6500K) / NW (4000K)		
Color Rendering Index		> 80		
Light And Color Consistency		SDCM < 5		
IP/IK Grade		IP65/IK07		
Safety Class		Class I		
Operating Temperature		-40°C to +50°C (Ta35°C) (PSD versions)		
		-40°C to +50°C (Ta35°C) (PSU versions up-to LED 140)		
		-40°C to +45°C (Ta35°C) (PSU LED 180)		
		- 20°C to +40°C (Ta35°C) (PSU version with PC front)		
Lifetime		50,000 Hours @L70B50		
Light Distribution		SWB: 115° SMB: 90° AWB: 110°x 80		
Control Mode		Fixed Output; Dali Dimming		
		PIR Probe+1~10 Vdimming; ACD Control PIR/DDR Probe+Dali dimming		
		Customizable Version GU5.3		
Input Voltage		220-240V~, 50/60 Hz		
Power Factor		≥0.9		
Total Harmonic Distortion (THD)		<10%		
Installation Method		BBP500 (Recessed); BCP500 (Ceiling); BGP500 (Pole Mounting) (on request)		
Body Material		Die Casting Aluminum		

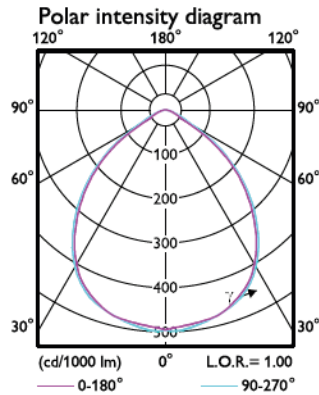
Light Distribution Curve

PSU Version:

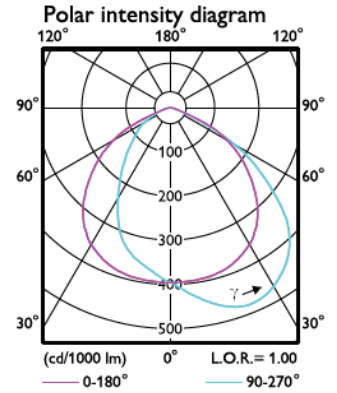
S-WB



S-MB

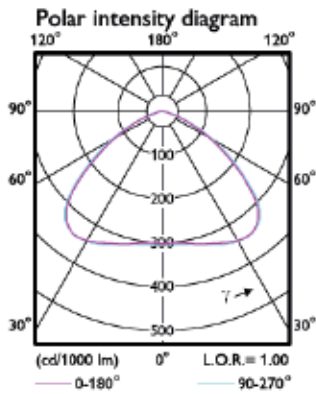


A-WB

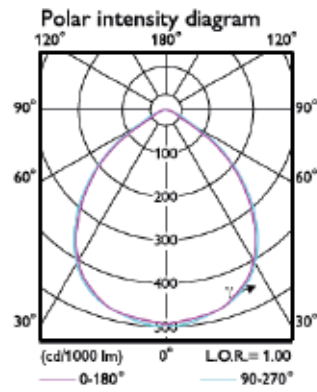


PSD Version:

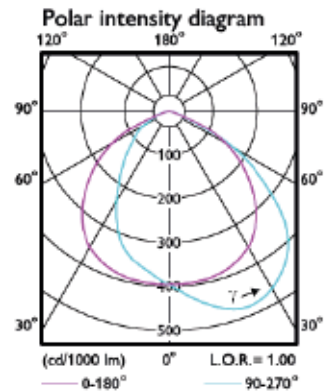
S-WB



S-MB

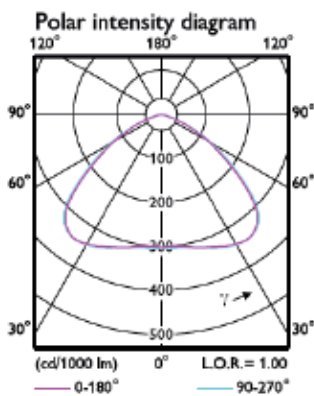


A-WB

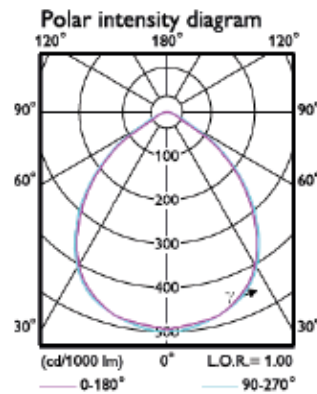


PSU PC Version:

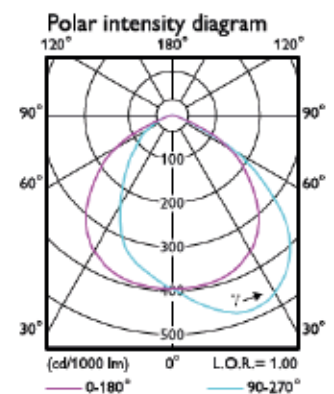
S-WB



S-MB

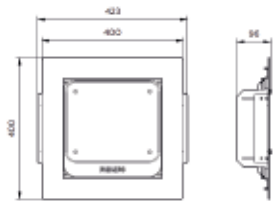


A-WB

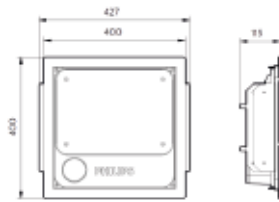


Product Diagram

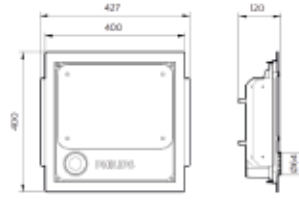
BBP500 G4 PSU



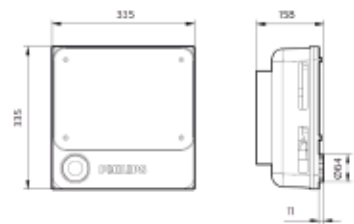
BBP500 G4 PSD



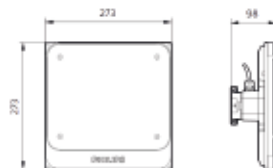
BBP500 G4 GU5.3



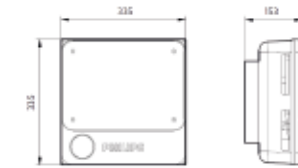
BCP500 G4 GU5.3



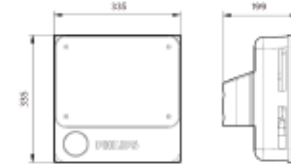
BCP500 G4 PSU



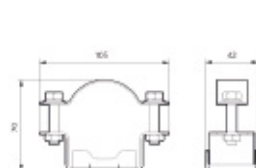
BCP500 G4 PSD



BGP500 G4 PSU



ZCB504 Frame Clamp



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Color Rendering	Control	Light Distribution	Installation Method
BBP500 G4 LED85/CW PSU A-WB	53W	8500lm	6500K	>80	Fixed Output	A-WB	Recessed
BBP500 G4 LED85/CW PSU S-MB	53W	8500lm	6500K	>80	Fixed Output	S-MB	Recessed
BBP500 G4 LED85/CW PSU S-WB	53W	8500lm	6500K	>80	Fixed Output	S-WB	Recessed
BBP500 G4 LED85/NW PSU A-WB	53W	8500lm	4000K	>80	Fixed Output	A-WB	Recessed
BBP500 G4 LED85/NW PSU S-MB	53W	8500lm	4000K	>80	Fixed Output	S-MB	Recessed
BBP500 G4 LED85/NW PSU S-WB	53W	8500lm	4000K	>80	Fixed Output	S-WB	Recessed
BBP500 G4 LED125/NW PSU A-WB	79W	12500lm	4000K	>80	Fixed Output	A-WB	Recessed
BBP500 G4 LED125/NW PSU S-MB	79W	12500lm	4000K	>80	Fixed Output	S-MB	Recessed
BCP500 G4 LED85/CW PSU A-WB	53W	8500lm	6500K	>80	Fixed Output	A-WB	Ceiling
BCP500 G4 LED85/CW PSU S-MB	53W	8500lm	6500K	>80	Fixed Output	S-MB	Ceiling
BCP500 G4 LED85/CW PSU S-WB	53W	8500lm	6500K	>80	Fixed Output	S-WB	Ceiling
BCP500 G4 LED85/NW PSU A-WB	53W	8500lm	4000K	>80	Fixed Output	A-WB	Ceiling
BCP500 G4 LED85/NW PSU S-MB	53W	8500lm	4000K	>80	Fixed Output	S-MB	Ceiling
BCP500 G4 LED85/NW PSU S-WB	53W	8500lm	4000K	>80	Fixed Output	S-WB	Ceiling
BCP500 G4 LED125/NW PSU A-WB	79W	12500lm	4000K	>80	Fixed Output	A-WB	Ceiling
BCP500 G4 LED125/NW PSU S-MB	79W	12500lm	4000K	>80	Fixed Output	S-MB	Ceiling
BCP500 G4 LED125/NW PSU S-WB	79W	12500lm	4000K	>80	Fixed Output	S-WB	Ceiling
BCP500 G4 LED140/CW PSU A-WB	91W	14000lm	6500K	>80	Fixed Output	A-WB	Ceiling
BCP500 G4 LED140/CW PSU S-MB	91W	14000lm	6500K	>80	Fixed Output	S-MB	Ceiling

Industry

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Color Rendering	Control	Light Distribution	Installation Method
BCP500 G4 LED140/CW PSU S-WB	91W	14000lm	6500K	>80	Fixed Output	S-WB	Ceiling
BCP500 G4 LED140/NW PSU A-WB	91W	14000lm	4000K	>80	Fixed Output	A-WB	Ceiling
BCP500 G4 LED140/NW PSU S-MB	91W	14000lm	4000K	>80	Fixed Output	S-MB	Ceiling
BCP500 G4 LED140/NW PSU S-WB	91W	14000lm	4000K	>80	Fixed Output	S-WB	Ceiling
BCP500 G4 LED180/CW PSU A-WB	122W	18000lm	6500K	>80	Fixed Output	A-WB	Ceiling
BCP500 G4 LED180/CW PSU S-MB	122W	18000lm	6500K	>80	Fixed Output	S-MB	Ceiling
BCP500 G4 LED180/CW PSU S-WB	122W	18000lm	6500K	>80	Fixed Output	S-WB	Ceiling
BCP500 G4 LED180/NW PSU A-WB	122W	18000lm	4000K	>80	Fixed Output	A-WB	Ceiling
BCP500 G4 LED180/NW PSU S-MB	122W	18000lm	4000K	>80	Fixed Output	S-MB	Ceiling
BCP500 G4 LED180/NW PSU S-WB	122W	18000lm	4000K	>80	Fixed Output	S-WB	Ceiling
BGP500 G4 LED125/NW PSU A-WB	79W	12500lm	4000K	>80	Fixed Output	A-WB	Pole Mounting
BGP500 G4 LED140/CW PSU A-WB	91W	14000lm	6500K	>80	Fixed Output	A-WB	Pole Mounting
BGP500 G4 LED140/NW PSU A-WB	91W	14000lm	4000K	>80	Fixed Output	A-WB	Pole Mounting
BGP500 G4 LED180/CW PSU A-WB	122W	18000lm	6500K	>80	Fixed Output	A-WB	Pole Mounting
BGP500 G4 LED180/NW PSU A-WB	122W	18000lm	4000K	>80	Fixed Output	A-WB	Pole Mounting
BBP500 G4 LED125/NW GU5.3 S-MB	79W	12500lm	4000K	>80	Fixed Output	S-MB	Recessed
BBP500 G4 LED125/NW GU5.3 S-WB	79W	12500lm	4000K	>80	Fixed Output	S-WB	Recessed
BBP500 G4 LED125/NW GU5.3 A-WB	79W	12500lm	4000K	>80	Fixed Output	A-WB	Recessed
BBP500 G4 LED140/NW GU5.3 S-MB	91W	14000lm	4000K	>80	Fixed Output	S-MB	Recessed
BBP500 G4 LED140/NW GU5.3 S-WB	91W	14000lm	4000K	>80	Fixed Output	S-WB	Recessed
BCP500 G4 LED125/NW GU5.3 S-MB	79W	12500lm	4000K	>80	Fixed Output	S-MB	Ceiling
BCP500 G4 LED125/NW GU5.3 S-WB	79W	12500lm	4000K	>80	Fixed Output	S-WB	Ceiling
BCP500 G4 LED125/NW GU5.3 A-WB	79W	12500lm	4000K	>80	Fixed Output	A-WB	Ceiling
BCP500 G4 LED140/NW GU5.3 S-MB	91W	14000lm	4000K	>80	Fixed Output	S-MB	Ceiling
BCP500 G4 LED140/NW GU5.3 S-WB	91W	14000lm	4000K	>80	Fixed Output	S-WB	Ceiling
BBP500 G4 LED125/NW ACD2 IS A-WB	91W	12500lm	4000K	>80	ACD Control + PIR/DDR Probe	A-WB	Recessed
BBP500 G4 LED125/NW ACD2 IS S-MB	79W	12500lm	4000K	>80	ACD Control + PIR/DDR Probe	S-MB	Recessed
BBP500 G4 LED125/NW ACD2 IS S-WB	79W	12500lm	4000K	>80	ACD Control + PIR/DDR Probe	S-WB	Recessed
BBP500 G4 LED140/CW ACD2 IS S-MB	91W	14000lm	6500K	>80	ACD Control + PIR/DDR Probe	S-MB	Recessed
BBP500 G4 LED140/CW ACD2 IS S-WB	91W	14000lm	6500K	>80	ACD Control + PIR/DDR Probe	S-WB	Recessed
BBP500 G4 LED140/NW ACD2 IS S-MB	91W	14000lm	4000K	>80	ACD Control + PIR/DDR Probe	S-MB	Recessed
BBP500 G4 LED140/NW ACD2 IS S-WB	91W	14000lm	4000K	>80	ACD Control + PIR/DDR Probe	S-WB	Recessed
BBP500 G4 LED180/CW ACD2 IS S-MB	122W	18000lm	6500K	>80	ACD Control + PIR/DDR Probe	S-MB	Recessed
BBP500 G4 LED180/CW ACD2 IS S-WB	122W	18000lm	6500K	>80	ACD Control + PIR/DDR Probe	S-WB	Recessed
BBP500 G4 LED180/NW ACD2 IS S-MB	122W	18000lm	4000K	>80	ACD Control + PIR/DDR Probe	S-MB	Recessed
BBP500 G4 LED180/NW ACD2 IS S-WB	122W	18000lm	4000K	>80	ACD Control + PIR/DDR Probe	S-WB	Recessed
BCP500 G4 LED125/NW ACD2 IS A-WB	79W	12500lm	4000K	>80	ACD Control + PIR/DDR Probe	A-WB	Ceiling
BCP500 G4 LED125/NW ACD2 IS S-MB	79W	12500lm	4000K	>80	ACD Control + PIR/DDR Probe	S-MB	Ceiling
BCP500 G4 LED125/NW ACD2 IS S-WB	79W	12500lm	4000K	>80	ACD Control + PIR/DDR Probe	S-WB	Ceiling
BCP500 G4 LED140/CW ACD2 IS S-MB	91W	14000lm	6500K	>80	ACD Control + PIR/DDR Probe	S-MB	Ceiling
BCP500 G4 LED140/CW ACD2 IS S-WB	91W	14000lm	6500K	>80	ACD Control + PIR/DDR Probe	S-WB	Ceiling
BCP500 G4 LED140/NW ACD2 IS S-MB	91W	14000lm	4000K	>80	ACD Control + PIR/DDR Probe	S-MB	Ceiling
BCP500 G4 LED140/NW ACD2 IS S-WB	91W	14000lm	4000K	>80	ACD Control + PIR/DDR Probe	S-WB	Ceiling

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Color Rendering	Control	Light Distribution	Installation Method
BCP500 G4 LED180/CW ACD2 IS S-MB	122W	18000lm	6500K	>80	ACD Control + PIR/DDR Probe	S-MB	Ceiling
BCP500 G4 LED180/CW ACD2 IS S-WB	122W	18000lm	6500K	>80	ACD Control + PIR/DDR Probe	S-WB	Ceiling
BCP500 G4 LED180/NW ACD2 IS S-MB	122W	18000lm	4000K	>80	ACD Control + PIR/DDR Probe	S-MB	Ceiling
BCP500 G4 LED180/NW ACD2 IS S-WB	122W	18000lm	4000K	>80	ACD Control + PIR/DDR Probe	S-WB	Ceiling
BBP500 G4 X LED140/CW PIR S-MB	91W	14000lm	6500K	>80	PIR Probe	S-MB	Recessed
BBP500 G4X LED140/CW PIR S-WB	91W	14000lm	6500K	>80	PIR Probe	S-WB	Recessed
BBP500 G4X LED140/NW PIR S-MB	91W	14000lm	4000K	>80	PIR Probe	S-MB	Recessed
BBP500 G4X LED140/NW PIR S-WB	91W	14000lm	4000K	>80	PIR Probe	S-WB	Recessed
BCP500 G4X LED140/CW PIR S-MB	91W	14000lm	6500K	>80	PIR Probe	S-MB	Ceiling
BCP500 G4X LED140/CW PIR S-WB	91W	14000lm	6500K	>80	PIR Probe	S-WB	Ceiling
BCP500 G4X LED140/NW PIR S-MB	91W	14000lm	4000K	>80	PIR Probe	S-MB	Ceiling
BCP500 G4X LED140/NW PIR S-WB	91W	14000lm	4000K	>80	PIR Probe	S-WB	Ceiling

GentleSpace gen3 Interact ready BY480X/BY481X



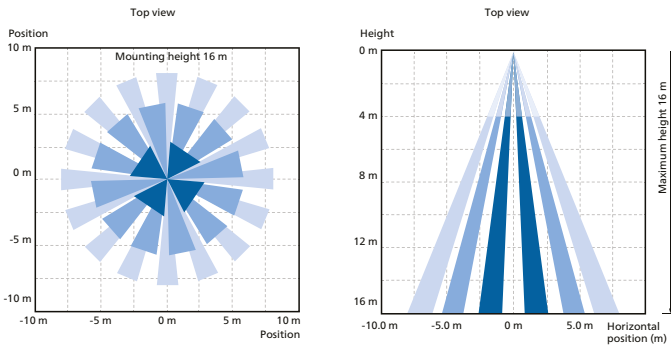
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interact
ready.



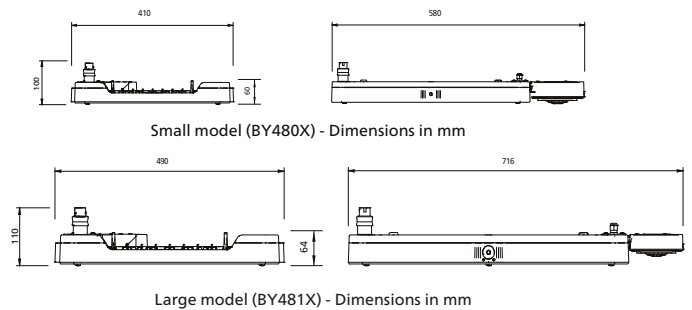
The connected LED fitting for all high-ceiling applications

- Compatible with the Interact Pro system
- Wireless communication system
- PIR sensor with motion detection and daylight control integrated into luminaire up to 16 m
- Available in high-efficiency HE version up to 174 lm/W
- Wide choice of optics: wide beam (WB) medium (MB) intensive (NB) very intensive (XNB) or special elliptical rack (HRO)
- Compliant with IFS / HACCP requirements (for applications in food processing plants)
- Bracket mounting or suspension kit available
- Wieland connector options

Industry



Integrated sensor detection zone (Installation height: 4 to 16 m)



Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Small model, suspended, interact sensor (H4)					
BY480X LED130S/840 SIA WB GC SI H4	13 000	84	154	4 000	42 x 44
BY480X LED170S/840 SIA WB GC SI H4	17 000	120	141	4 000	42 x 44
Large model, suspended, interact sensor (H4)					
BY481X LED250S/840 SIA WB GC SI H4	25 000	162	154	4 000	42 x 44
BY481X LED350S/840 SIA WB GC SI H4	35 000	232	150	4 000	42 x 44
Small model, high efficiency, suspended, interact sensor (H4)					
BY480X LED130S/840 SIA HE WB GC SI H4	13 000	75	173	4 000	42 x 44
BY480X LED170S/840 SIA HE WB GC SI H4	17 000	98	173	4 000	42 x 44
Large model, high efficiency, suspended, interact sensor (H4)					
BY481X LED250S/840 SIA HE WB GC SI H4	25 000	144	173	4 000	42 x 44
BY481X LED350S/840 SIA HE WB GC SI H4	32 500	206	157	4 000	42 x 44
Dust cover accessory, small model					
BY480Z CC SI					

GentleSpace gen3 HE BY480P/BY481P



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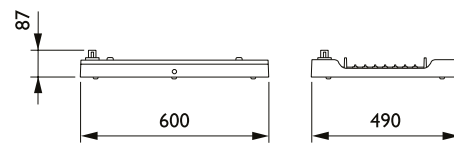
Large model (BY481P) with mounting bracket



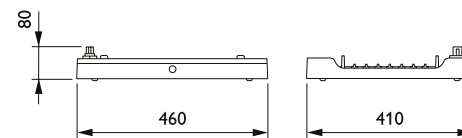
Optional dust cover

The high efficiency LED fitting for all high-ceiling applications

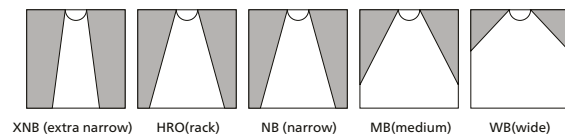
- High-efficiency HE version: up to 174 lm/W
- Longer life: 100,000 h L85
- Driver Dali 2 part 251/252/253
- Wide choice of optics: wide beam (WB), medium (MB), narrow beam (NB), very narrow beam (XNB) or special elliptical rack (HRO)
- Compliant with IFS / HACCP requirements (for applications in food processing plants)
- Bracket mounting or suspension kit available
- Wieland connector option



Large model (BY481P) - Dimensions in mm



Small model (BY480P) - Dimensions in mm



Light distribution of the optics

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Large model, High efficiency (HE), DALI dimming, Glass cover (GC), Pendant					
BY481P LED350S/840 PSD HE MB GC SI	35 000	206	170	4 000	40x40
BY481P LED350S/840 PSD HE WB GC SI	35 000	206	170	4 000	42x44
BY481P LED250S/840 PSD HE MB GC SI	25 000	144	174	4 000	40x40
BY481P LED250S/840 PSD HE WB GC SI	25 000	144	174	4 000	42x44
Small model, High efficiency (HE), DALI dimming, Glass cover (GC), Pendant					
BY480P LED170S/840 PSD HE MB GC SI	16 500	98	168	4 000	40x40
BY480P LED170S/840 PSD HE WB GC SI	16 500	98	168	4 000	42x44
BY480P LED130S/840 PSD HE MB GC SI	13 000	75	173	4 000	40x40
BY480P LED130S/840 PSD HE WB GC SI	13 000	75	173	4 000	42x44
Dust cover accessory, Large model					
BY481Z CC SI					
Dust cover accessory, small model					
BY480Z CC SI					

GentleSpace gen3 ATEX BY482P/BY483P

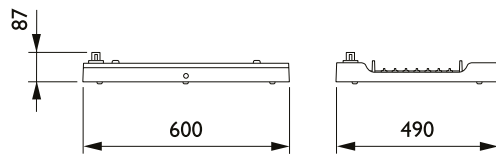


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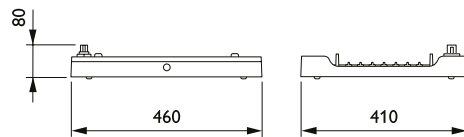


The LED fitting for use in ATEX zones

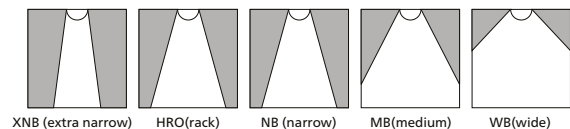
- Luminaire certified for ATEX zone 2/22
- Industrial luminaire combining visual comfort and luminous efficiency: up to 174 lm/W
- Exceptional service life: 100,000 h L80
- Wide choice of optics: very narrow, narrow, medium, wide, rack beams
- Bracket mounting or suspension kit available



Large model (BY483P) - Dimensions in mm



Small model (BY482P) - Dimensions in mm



Light distribution of the optics



Large model (BY483P) mounting bracket version



Small model (BY482P) mounting bracket version

BY482P et BY483P LED250S KDB 19ATEX0017X KDB 19ATEX0017X Ex II 3G Ex nA IIC T5 Gc Ex II 3D Ex tc IIIC T70°C IP65 Dc Ta -30°C... 45°C	BY483P LED350S KDB 19ATEX0017X KDB 19ATEX0017X Ex II 3G Ex nA IIC T4 Gc EX II 3D Ex tc IIIC T85°C IP65 Dc Ta -30°C...45°C
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Atex Certifications

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Small model, ATEX version, DALI dimming, Glass cover (GC), Pendant					
BY482P LED170S/840 PSD WB GC SI	17 000	120	142	4 000	42 x 44
Large model, ATEX version, DALI dimming, Glass cover (GC), Pendant					
BY483P LED250S/840 PSD WB GC SI	25 000	160	154	4 000	42 x 44

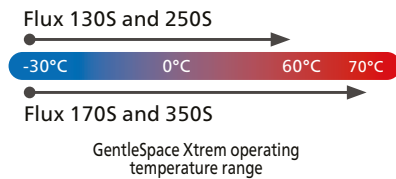
GentleSpace gen3/Class II BY480P/BY481P



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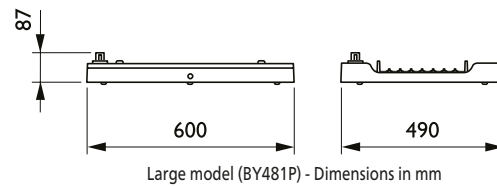


Rear view with remote connector

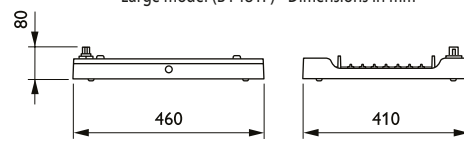


Highbay LED fitting for extreme atmospheres

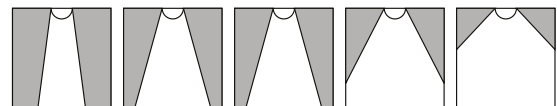
- Luminaire for high-temperature environments (up to 70°C)
- Industrial luminaire combining visual comfort and luminous efficiency: up to 174 lm/W
- Exceptional service life: 100,000 h L80
- Wide choice of optics: very narrow, narrow, medium, wide and rack beams
- Bracket mounting or suspension kit available



Large model (BY481P) - Dimensions in mm



Small model (BY480P) - Dimensions in mm



XNB (extra narrow) HRO (rack) NB (narrow) MB (medium) WB (wide)

Light distribution of the optics

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Large model, Xtrem version, Class II, DALI dimming, Glass cover (GC), With bracket (BR)					
BY481P LED250S/840 PSD WB GC II SI BR XT	25 000	160	154	4 000	42 x 44
BY481P LED250S/840 PSD MB GC II SI BR XT	25 000	160	154	4 000	40 x 40
BY481P LED350S/840 PSD WB GC II SI BR XT	35 000	230	148	4 000	42 x 44
BY481P LED350S/840 PSD MB GC II SI BR XT	35 000	230	148	4 000	40 x 40
BY481P LED350S/840 PSD NB GC II SI BR XT	35 000	230	148	4 000	25 x 30
Small model, Xtrem version, Class II, DALI dimming, Glass cover (GC), With bracket (BR)					
BY480P LED130S/840 PSD MB GC II SI BR XT	13 000	84	153	4 000	40 x 40
BY480P LED130S/840 PSD WB GC II SI BR XT	13 000	84	153	4 000	42 x 44
BY480P LED170S/840 PSD WB GC II SI BR XT	17 000	120	153	4 000	42 x 44
Large model, Xtrem Version, DALI dimming, Glass cover (GC), Pendant					
BY481P LED250S/840 PSD WB GC SI XT	25 000	160	154	4 000	42 x 44
BY481P LED350S/840 PSD WB GC SI XT	35 000	230	148	4 000	42 x 44
Small model, Xtrem Version, DALI dimming, Glass cover (GC), Pendant					
BY480P LED130S/840 PSD WB GC SI XT	13 000	84	153	4 000	42 x 44
BY480P LED170S/840 PSD WB GC SI XT	17 000	120	142	4 000	42 x 44
Dust cover accessory, Large model					
BY481Z CC SI					
Dust cover accessory, small model					
BY480Z CC SI					

GentleSpace gen3 Large model BY481P



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The LED fitting for all high-ceiling applications

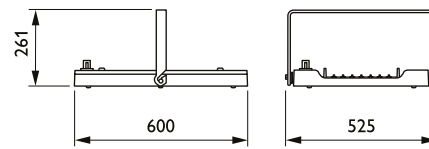
- Industrial luminaire combining visual comfort and luminous efficiency: up to 155 lm/W
- Exceptional service life: 100,000 h L80
- Driver Dali 2 part 251/252/253
- Luminous flux in 25,000 and 35,000 lm with wide (WB), medium (MB), narrow (NB), very narrow (XNB) or special elliptical rack (HRO) optics
- IFS/HACCP-compliant (for use in food processing plants)
- Bracket mounting or suspension kit available
- Wieland connector option



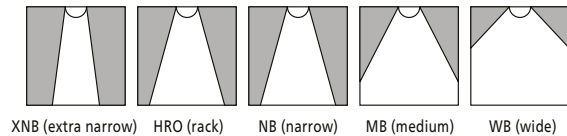
Rear view



Dust cover accessory large model



Large model with mounting bracket (BY481P)
Dimensions in mm



Light distribution of the optics

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Large model, DALI dimming, Polycarbonate cover (PC), With suspension					
BY481P LED350S/840 PSD WB PC SI	35 000	230	148	4 000	42 x 44
BY481P LED350S/840 PSD MB PC SI	35 000	230	148	4 000	40 x 40
BY481P LED350S/840 PSD HRO PC SI	35 000	230	148	4 000	16 x 47
BY481P LED250S/840 PSD WB PC SI	25 000	160	154	4 000	42 x 44
BY481P LED250S/840 PSD MB PC SI	25 000	160	154	4 000	40 x 40
BY481P LED250S/840 PSD HRO PC SI	25 000	160	154	4 000	16 x 47
Large model, DALI dimming, Glass cover (GC), With suspension					
BY481P LED350S/840 PSD MB GC SI	35 000	230	148	4 000	40 x 40
BY481P LED350S/840 PSD WB GC SI	35 000	230	148	4 000	42 x 44
BY481P LED350S/840 PSD HRO GC SI	35 000	230	148	4 000	16 x 47
BY481P LED250S/840 PSD MB GC SI	25 000	160	154	4 000	40 x 40
BY481P LED250S/840 PSD WB GC SI	25 000	160	154	4 000	42 x 44
BY481P LED250S/840 PSD HRO GC SI	25 000	160	154	4 000	16 x 47
Large model, DALI dimming, Glass cover (GC), With bracket (BR)					
BY481P LED350S/840 PSD WB GC SI BR	35 000	230	148	4 000	42 x 44
BY481P LED350S/840 PSD MB GC SI BR	35 000	230	148	4 000	40 x 40
BY481P LED250S/840 PSD WB GC SI BR	25 000	160	154	4 000	42 x 44
BY481P LED250S/840 PSD MB GC SI BR	25 000	160	154	4 000	40 x 40

GentleSpace gen3 Small model BY480P



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The LED fitting for all high-ceiling applications

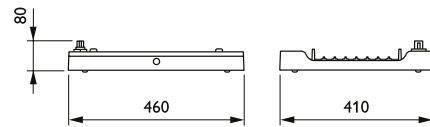
- Industrial luminaire combining visual comfort and luminous efficiency: up to 155 lm/W
- Exceptional service life: 100,000 h L80
- Driver Dali 2 part 251/252/253
- Luminous flux in 13,000 and 17,000 lm with wide (WB), medium (MB), narrow (NB), very narrow (XNB) or special elliptical rack (HRO) optics
- IFS/HACCP-compliant (for use in food processing plants)
- Bracket mounting or suspension kit available
- Wieland connector option



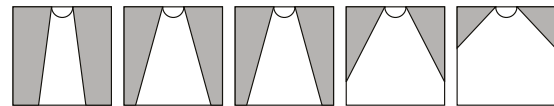
Small model (BY480P) mounting bracket version



Dust cover accessory small model



Small model (BY480P)
Dimensions in mm



XNB (extra narrow) HRO (rack) NB (narrow) MB (medium) WB (wide)

Light distribution of the optics

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Small model, DALI dimming, Polycarbonate cover (PC), With suspension					
BY480P LED170S/840 PSD MB PC SI	17 000	120	142	4 000	40 x 40
BY480P LED170S/840 PSD WB PC SI	17 000	120	142	4 000	42 x 44
BY480P LED130S/840 PSD MB PC SI	13 000	84	153	4 000	40 x 40
BY480P LED130S/840 PSD WB PC SI	13 000	84	153	4 000	42 x 44
Small model, DALI dimming, Glass cover (PC), With suspension					
BY480P LED170S/840 PSD MB GC SI	17 000	120	142	4 000	40 x 40
BY480P LED170S/840 PSD WB GC SI	17 000	120	142	4 000	42 x 44
BY480P LED130S/840 PSD MB GC SI	13 000	84	153	4 000	40 x 40
BY480P LED130S/840 PSD WB GC SI	13 000	84	153	4 000	42 x 44
Small model, DALI dimming, Glass cover (PC), With fixing bracket (BR)					
BY480P LED170S/840 PSD MB GC SI BR	17 000	120	142	4 000	40 x 40
BY480P LED170S/840 PSD WB GC SI BR	17 000	120	142	4 000	42 x 44
BY480P LED130S/840 PSD MB GC SI BR	13 000	84	153	4 000	40 x 40
BY480P LED130S/840 PSD WB GC SI BR	13 000	84	153	4 000	42 x 44

GreenPerform Elite BY718P

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This product won the 2019 IF Design Award and Red Dot Design Award



Industry

Highbay Luminaires Long-Lasting and Energy-Saving Led

Philips GreenPerform Elite BY718P is a professional flagship product in high bay luminaires. It is efficient, energy-saving, durable and has excellent optical performance with a variety of light distribution schemes and installation methods, to achieve excellent lighting effect while bringing high-quality visual enjoyment. It can be widely used in workshops, warehouses, gymnasiums and other large space area lighting places.

Product features

Energy Saving And High Efficiency

The system efficiency is up to 158lm/W.

Safe and Low Glare Lighting

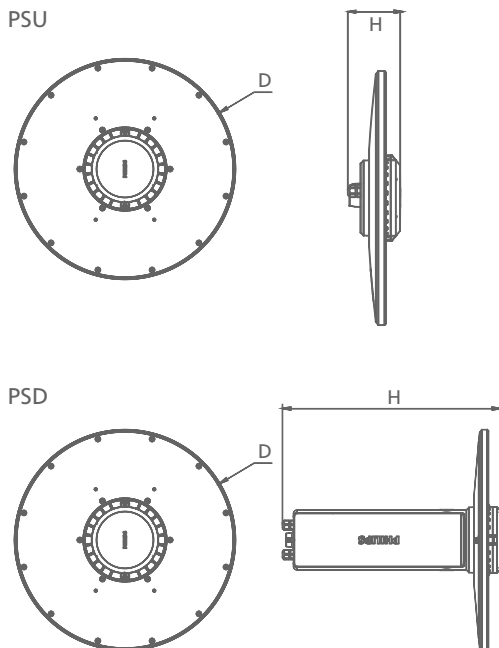
Low glare and high color rendering for a comfortable lighting experience, CRI>80; UGR as low as 22.

Unique Aesthetics

Slim profile with excellent aesthetics with superior lighting quality, combining art with practicality, bringing out the best in each other and winning numerous awards.

Easy Installation

Adaptable to the installation of hooks, suspenders and brackets; Ultra-thin shape design, easy installation, Adaptable to multiple application requirements.



Model	D(mm)	H(mm)
BY718 LED100 PSU	385	95
BY718 LED150 PSU	420	90
BY718 LED200 PSU	450	95
BY718 LED250/300 PSU	510	90
BY718 LED100 PSD	385	445
BY718 LED150 PSD	415	445
BY718 LED200 PSD	450	445
BY718 LED250/300 PSD	510	464

Main Applications

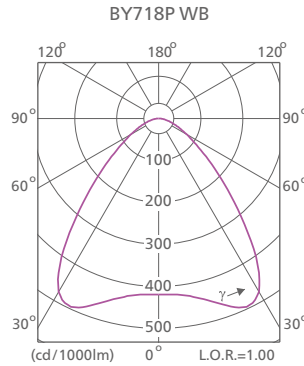
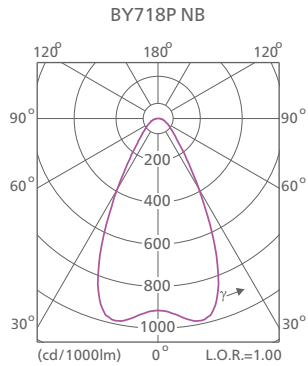
- High Ceiling Open Spaces
- Warehouses
- Industries
- High Ceiling Public Areas



Technical Parameters

Product Model	LED100	LED150	LED200	LED250	LED300	LED350
Lumen Output (±10%)	10800lm	16300lm	21500lm	27000lm	32500lm	36000lm
System Power -PSU (±10%)	68W	102W	135W	169W	203W	NA
System Power -PSD (±10%)	73W	109W	145W	183W	217W	257W
System Power– Interact Pro (±10%)	73W	109W	145W	183W	217W	NA
System Efficiency (±10%)	PSU: Typ. 160lm/W PSD/Interact Pro: Typ. 150lm/W					
Color Temperature	CW (6500K)/ NW (4000K)					
Color Rendering Index	> 80					
Light And Color Consistency	SDCM < 5					
IP/IK Grade	IP65 / IK08					
Electrical Grade	Class I					
Control Mode	On/off, DALI, Interact Pro, WIA					
Operating Temperature	-30°C ~ +50°C(Ta35°C)					
Lifetime	75,000 Hours @L70B50, 35°C					
Light Distribution	WB Wide Light Distribution; NB Narrow Light Distribution					
Input Voltage	220-240V ~, 50/60 Hz					
Power Factor	0.95					
Total Harmonic Distortion(THD)	<15%					
Surge Protection	2KV/4KV					
Installation/accessories	Hook (Included With Luminaire) ; Other Installation Options: Suspender, bracket					
Housing Material	Die Casting Aluminum					
Diameter	Ø385mm	Ø415mm	Ø450mm	Ø510mm	Ø510mm	Ø510mm
Height	PSU: H95mm PSD: H445mm Interact: 460mm	PSU: H90mm PSD: H445mm Interact: 460mm	PSU: H95mm PSD: H445mm Interact: 460mm	PSU: H90mm PSD: H464mm Interact: 480mm	PSU: H90mm PSD: H464mm Interact: 480mm	PSU: H90mm PSD: H464mm Interact: 480mm
Weight	PSU: 3.3Kg PSD/Interact: 6Kg	PSU: 4.3Kg PSD/Interact: 7Kg	PSU: 4.7Kg PSD/Interact: 7.7Kg	PSU: 5.8Kg PSD/Interact: 10Kg	PSU: 5.8Kg PSD/Interact: 10Kg	PSU: 5.8Kg PSD/Interact: 10Kg
Certification	CCC/CB/EMC/CE/SAA/LM79					

Technical Parameters



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Color Rendering	Control Mode	Light Distribution
BY718P LED100/NW PSU WB	71W	11000lm	4000K	>80	Fixed Output	WB
BY718P LED100/CW PSU WB	71W	11000lm	6500K	>80	Fixed Output	WB
BY718P LED100/NW PSU NB	71W	11000lm	4000K	>80	Fixed Output	NB
BY718P LED100/CW PSU NB	71W	11000lm	6500K	>80	Fixed Output	NB
BY718P LED150/CW PSU WB	102W	16000lm	6500K	>80	Fixed Output	WB
BY718P LED150/NW PSU WB	102W	16000lm	4000K	>80	Fixed Output	WB
BY718P LED150/NW PSU NB	102W	16000lm	4000K	>80	Fixed Output	NB
BY718P LED150/CW PSU NB	102W	16000lm	6500K	>80	Fixed Output	NB
BY718P LED200/NW PSU WB	136W	21500lm	4000K	>80	Fixed Output	WB
BY718P LED200/CW PSU WB	136W	21500lm	6500K	>80	Fixed Output	WB
BY718P LED200/NW PSU NB	136W	21500lm	4000K	>80	Fixed Output	NB
BY718P LED200/CW PSU NB	136W	21500lm	6500K	>80	Fixed Output	NB
BY718P LED250/CW PSU WB	171W	27000lm	6500K	>80	Fixed Output	WB
BY718P LED250/NW PSU WB	171W	27000lm	4000K	>80	Fixed Output	WB
BY718P LED250/NW PSU NB	171W	27000lm	4000K	>80	Fixed Output	NB
BY718P LED250/CW PSU NB	171W	27000lm	6500K	>80	Fixed Output	NB
BY718P LED300/NW PSU NB	203W	32000lm	4000K	>80	Fixed Output	NB
BY718P LED300/CW PSU NB	203W	32000lm	6500K	>80	Fixed Output	NB
BY718P LED300/NW PSU WB	203W	32000lm	4000K	>80	Fixed Output	WB
BY718P LED300/CW PSU WB	203W	32000lm	6500K	>80	Fixed Output	WB
BY718P LED100/CW PSD NB	76W	11000lm	6500K	>80	DALI Dimming	NB
BY718P LED100/CW PSD WB	76W	11000lm	6500K	>80	DALI Dimming	WB
BY718P LED100/NW PSD NB	76W	11000lm	4000K	>80	DALI Dimming	NB
BY718P LED100/NW PSD WB	76W	11000lm	4000K	>80	DALI Dimming	WB
BY718P LED150/CW PSD NB	110W	16000lm	6500K	>80	DALI Dimming	NB
BY718P LED150/CW PSD WB	110W	16000lm	6500K	>80	DALI Dimming	WB
BY718P LED150/NW PSD NB	110W	16000lm	4000K	>80	DALI Dimming	NB
BY718P LED150/NW PSD WB	110W	16000lm	4000K	>80	DALI Dimming	WB
BY718P LED200/CW PSD NB	146W	21500lm	6500K	>80	DALI Dimming	NB
BY718P LED200/CW PSD WB	146W	21500lm	6500K	>80	DALI Dimming	WB

Product Model	Power	Lumen Output	Color Temperature	Color Rendering	Control Mode	Light Distribution
BY718P LED200/NW PSD NB	146W	21500lm	4000K	>80	DALI Dimming	NB
BY718P LED200/NW PSD WB	146W	21500lm	4000K	>80	DALI Dimming	WB
BY718P LED250/CW PSD NB	184W	27000lm	6500K	>80	DALI Dimming	NB
BY718P LED250/CW PSD WB	184W	27000lm	6500K	>80	DALI Dimming	WB
BY718P LED250/NW PSD NB	184W	27000lm	4000K	>80	DALI Dimming	NB
BY718P LED250/NW PSD WB	184W	27000lm	4000K	>80	DALI Dimming	WB
BY718P LED300/CW PSD NB	218W	32000lm	6500K	>80	DALI Dimming	NB
BY718P LED300/CW PSD WB	218W	32000lm	6500K	>80	DALI Dimming	WB
BY718P LED300/NW PSD NB	218W	32000lm	4000K	>80	DALI Dimming	NB
BY718P LED300/NW PSD WB	218W	32000lm	4000K	>80	DALI Dimming	WB
BY718X LED100/CW Connected NB IP65	73W	10800lm	6500K	>80	Interact Pro	NB
BY718X LED100/CW Connected WB IP65	73W	10800lm	6500K	>80	Interact Pro	WB
BY718X LED100/NW Connected NB IP65	73W	10800lm	4000K	>80	Interact Pro	NB
BY718X LED100/NW Connected WB IP65	73W	10800lm	4000K	>80	Interact Pro	WB
BY718X LED150/CW Connected NB IP65	109W	16300lm	6500K	>80	Interact Pro	NB
BY718X LED150/CW Connected WB IP65	109W	16300lm	6500K	>80	Interact Pro	WB
BY718X LED150/NW Connected NB IP65	109W	16300lm	4000K	>80	Interact Pro	NB
BY718X LED150/NW Connected WB IP65	109W	16300lm	4000K	>80	Interact Pro	WB
BY718X LED200/CW Connected NB IP65	145W	21500lm	6500K	>80	Interact Pro	NB
BY718X LED200/CW Connected WB IP65	145W	21500lm	6500K	>80	Interact Pro	WB
BY718X LED200/NW Connected NB IP65	145W	21500lm	4000K	>80	Interact Pro	NB
BY718X LED200/NW Connected WB IP65	145W	21500lm	4000K	>80	Interact Pro	WB
BY718X LED250/CW Connected NB IP65	183W	27000lm	6500K	>80	Interact Pro	NB
BY718X LED250/CW Connected WB IP65	183W	27000lm	6500K	>80	Interact Pro	WB
BY718X LED250/NW Connected NB IP65	183W	27000lm	4000K	>80	Interact Pro	NB
BY718X LED250/NW Connected WB IP65	183W	27000lm	4000K	>80	Interact Pro	WB
BY718X LED300/CW Connected NB IP65	217W	32500lm	6500K	>80	Interact Pro	NB
BY718X LED300/CW Connected WB IP65	217W	32500lm	6500K	>80	Interact Pro	WB
BY718X LED300/NW Connected NB IP65	217W	32500lm	4000K	>80	Interact Pro	NB
BY718X LED300/NW Connected WB IP65	217W	32500lm	4000K	>80	Interact Pro	WB

GreenPerform HT BY689P/688P/687P

PHILIPS

Industry



High Bay Luminaires Heat-Resistant and Efficient

GreenPerform Highbay HT BY689/688/687P is a new generation upgrade of the BY68X series. The efficiency is improved to 135lm/W, and the heat resistant design is optimized in a forward-looking way, making this series a professional LED ceiling luminaire that can adapt to the ultra-wide ambient temperature of -30°C to 60°C and resist the harsh industrial requirements. The life of 75,000 hours (L70B50) can be matched with various light distribution designs to achieve long-term energy saving.

Product features

Energy Saving and High Efficiency

The light efficiency of the system is as high as 135lm/W, and the service life is 75,000 hours @ Ta 35°C HPI metal halide lamp light source, energy saving up to 75%.

High Temperature Challenging Environment

IP65, IK07 all-round protection, ultra-wide ambient temperature from -30°C to 60°C, complete installation accessories, flexible to adapt to various indoor and outdoor places.

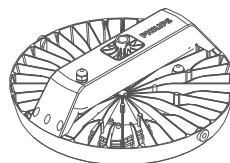
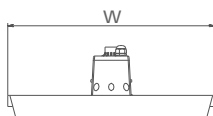
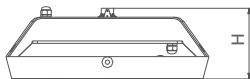
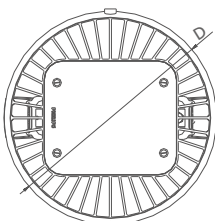
Professional Optics

Full range of optical designs, up to 25,000 lumens, with wide and narrow optical lenses covering applications from 4 to 20 meters.

High Color Rendering

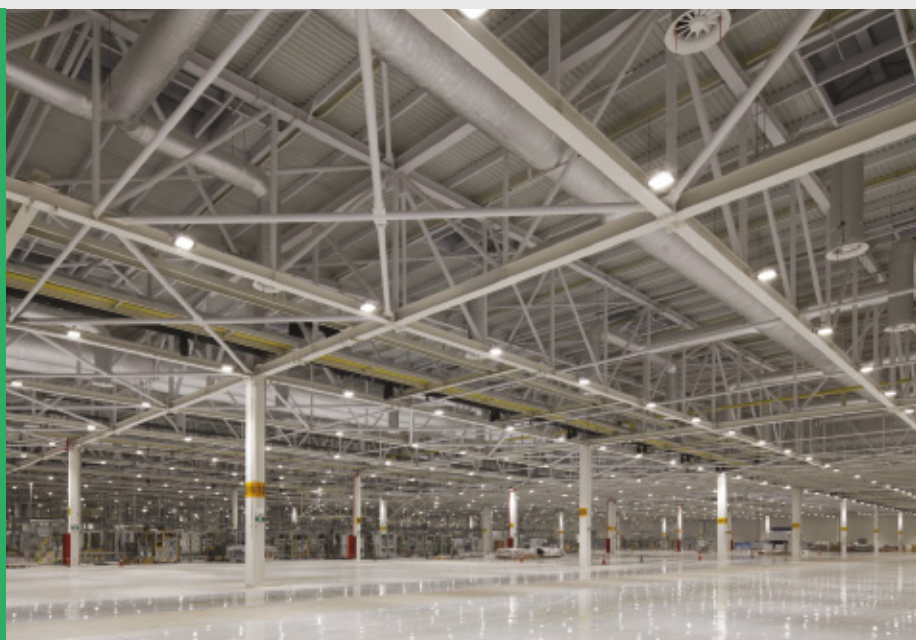
The CRI 90 high color rendering version can be customized for use in Industrial environments with high color requirements.

Model	D(mm)	W(mm)	H(mm)
BY687P G2	Ø520	530	165
BY688P G2	Ø456	266	150
BY689P G2	Ø366	374	135



Main Applications

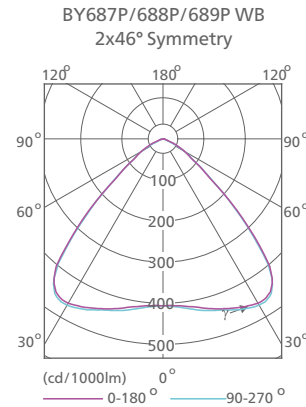
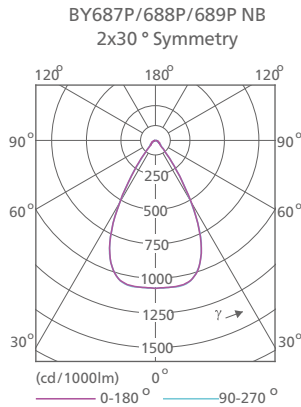
- Steel Production Plants
- Large Workshops
- Non-temperature Controlled Areas
- Industrial Facilities
- Warehouses



Technical Parameters

Product Model	BY689P	BY688P	BY687P
Lumen Output (±10%)	11000lm	16000lm	25000lm
System Efficiency (±10%)	128lm/W	133lm/W	135lm/W
System Power (±10%)	86W	120W	185W
Color Temperature		4000K/6500K	
Color Rendering Index		>80 >90 (ETO)	
Light And Color Consistency		SDCM<5	
Light Distribution	WB Wide Light Distribution / NB Narrow Light Distribution		
Lens	PC Engineering Plastics		
Optical Compartment	Tempered Glass		
Input Voltage	220-240V~50/60Hz		
Power Factor	>0.95		
Electrical Grade	Class I		
Control Mode	On/off, DALI	On/off, DALI	On/off, 1~10V
Surge Protection	4KV	3KV	6KV
Cable Jumper	Fly Line (Length 0.3m)		
Lifetime	7,5000 Hours (L70B50@Ta35°C) 50,000 Hours (L70B50@Ta50°C)		
Operating Temperature	- 30°C < Ta < 60°C		
IP Grade	IP65		
IK Grade	IK07		
Installation Method	Hook/Pole Mounting/Bracket		
Housing Material	Die Casting Aluminum		
Certification	CCC/CB/EMC/CE/SAA		
Environmental Certification	RoHS		

Light Distribution Curve



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Color Rendering	Light Distribution
BY689P LED110/NW PSU WB G2 XT	86W	11000lm	4000K	>80	WB
BY689P LED110/CW PSU WB G2 XT	86W	11000lm	6500K	>80	WB
BY689P LED110/NW PSU NB G2 XT	86W	11000lm	4000K	>80	NB
BY689P LED110/CW PSU NB G2 XT	86W	11000lm	6500K	>80	NB
BY688P LED160/NW PSD WB G2 XT	120W	16000lm	4000K	>80	WB
BY688P LED160/CW PSD WB G2 XT	120W	16000lm	6500K	>80	WB
BY688P LED160/NW PSD NB G2 XT	120W	16000lm	4000K	>80	NB
BY688P LED160/CW PSD NB G2 XT	120W	16000lm	6500K	>80	NB
BY687P LED250/NW PSR WB G2 XT	185W	25000lm	4000K	>80	WB
BY687P LED250/CW PSR WB G2 XT	185W	25000lm	6500K	>80	WB
BY687P LED250/NW PSR NB G2 XT	185W	25000lm	4000K	>80	NB
BY687P LED250/CW PSR NB G2 XT	185W	25000lm	6500K	>80	NB
BY687P LED210/NW PSR WB G2 PW9 XT	185W	21000lm	4000K	90	WB
BY687P LED210/NW PSR NB G2 PW9 XT	185W	21000lm	4000K	90	NB
BY688P LED160/NW PSU WB G2	120W	16000lm	4000K	>80	WB
BY688P LED160/CW PSU WB G2	120W	16000lm	6500K	>80	WB
BY688P LED160/NW PSU NB G2	120W	16000lm	4000K	>80	NB
BY688P LED160/CW PSU NB G2	120W	16000lm	6500K	>80	NB
Accessory Model	Product Description				
BY617Z MB	Mounting Bracket For BY687P				
BY619Z MB	Mounting Bracket For BY689P				
BY618Z MB	Mounting Bracket For BY688P				
Mounting Hook	Mounting Hook				

GreenPerform Highbay Rectangular BY570P

PHILIPS

interact
ready.



LED HighBay Luminaire Robust and Bright

Philips GreenPerform Highbay Rectangular BY570P series is specially designed for the warehousing and logistics industry. The rectangular shape is suitable for warehouse walkway installation, and professional high shelf light distribution (HRO) realizes excellent lighting effect. The die-cast aluminum body increases the protection grade to IP65/IK06, suitable for more applications such as factories. The system efficiency is as high as 145lm/W and 70,000 hours of lifetime to provide customers with more efficient and energy-saving warehousing and logistics solutions.

Product features

Energy Saving And High Efficiency

The system efficiency is as high as 145lm/W

Precision Optic Options

High shelf light distribution effectively illuminates aisles and high shelves; wide light distribution provides uniform light throughout the area; narrow light distribution provides highly efficient light to illuminate specific areas

Comfortable Illumination

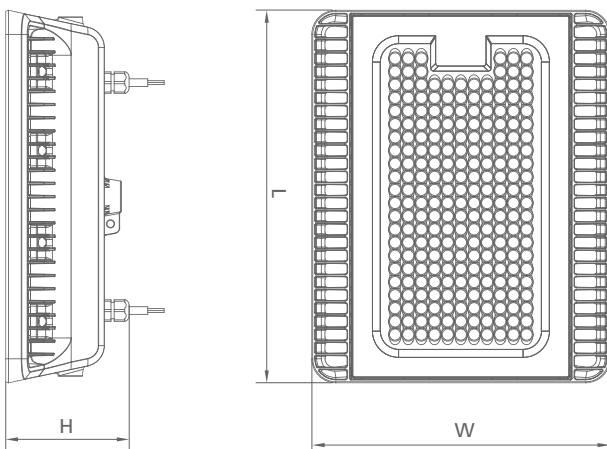
Integrated lens design can accurately control light, greatly reduce UGR and provide various kinds of light. With the choice of angle, UGR22 improves comfort and work efficiency

Flexible Application

Lightweight shape, three sizes, slim and light

Enhanced Protection

70,000 hours long life maintenance-free, durable and stable. The die-cast aluminum shell increases the protection grade to IP65/IK06



Model	L(mm)	W(mm)	H(mm)	Weight(Kg)-PSU	Weight(Kg)-PSD
LED 100 / LED150	340	236	110	3.2	4.1
LED 200	340	272	110	3.6	4.4
LED 250	328	320	130	4.8	6.7

* PSU&PSD Same Size, Different Weight

Main Applications

- Logistics Center
- Warehouse
- Workshop
- Exhibition Center
- Public Area

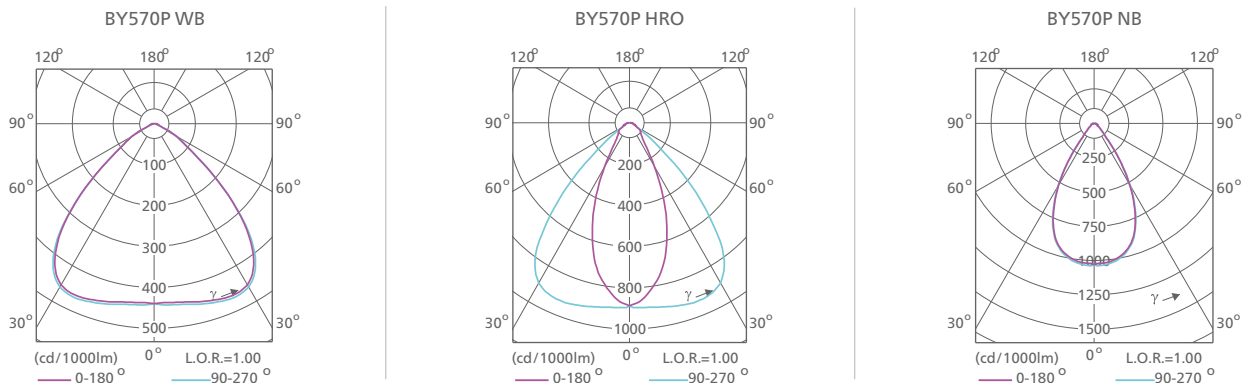


Industry

Technical Parameters

Product Model	LED100	LED150	LED200	LED250
Lumen Output (±10%)	10000lm	15000lm	20000lm	25000lm
System Power (±10%)	69W (PSU)	111W (PSU)	144W (PSU)	182W (PSU)
	75W (PSD)	119W (PSD)	152W (PSD)	199W (PSD)
	71W (Interact Pro)	114W (Interact Pro)	147W (Interact Pro)	190W (Interact Pro)
System Light Efficiency (±10%)	145lm/W (PSU)	135lm/W (PSU)	139lm/W (PSU)	140lm/W (PSU)
	133lm/W (PSD)	126lm/W (PSD)	132lm/W (PSD)	128lm/W (PSD)
	140lm/W (Interact Pro)	131lm/W (Interact Pro)	136lm/W (Interact Pro)	131lm/W (Interact Pro)
Color Temperature	6500K/4000K			
Color- Rendering Index	>80			
Light And Color Consistency	SDCM<5			
IP/IK Grade	IP65/IK06			
Electrical Grade	Class I			
Drivers	On/off, DALI, Interact Pro			
Operating Temperature	-30°C ~ +50°C			
Service Life	70,000 Hours L70B50@35°C			
Light Distribution	WB Wide Light /NB Narrow Light /HRO Shelf Light Distribution			
Glare Index	WB 27 / NB 22 / HRO 28			
Input Voltage	220-240V~, 50/60 Hz			
Power Factor	0.95			
Surge Protection	2KV/4KV			
Total Harmonic Distortion (THD)	<15% (Suspension and Optional Accessories)			
Installation Method	Installation Of Suspenders, Hanging Chains And Brackets			
Dimension (LxW)	340x236mm (PSU/PSD)	340x236mm (PSU/PSD)	340x272mm (PSU/PSD)	328x320mm (PSU/PSD)
	460x236mm (Interact Pro)	460x236mm (Interact Pro)	460x272mm (Interact Pro)	450x320mm (Interact Pro)
Height	110mm	110mm	110mm	130mm
Weight	3.2Kg (PSU)	3.2Kg (PSU)	3.6Kg (PSU)	4.8Kg (PSU)
	4.1Kg (PSD)	4.1Kg (PSD)	4.4Kg (PSD)	6.7Kg (PSD)
	4.2Kg(Interact Pro)	4.2Kg (Interact Pro)	4.5Kg (Interact Pro)	6.8Kg (Interact Pro)
Certification	CCC/CB/EMC/CE/SAA/RF			

Light Distribution Curve



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Product Model	Power	Lumen Output	Color Temperature
BY570P LED100/CW PSU WB	69W	10000lm	6500K	BY570P LED250/NW PSU WB	182W	25000lm	4000K
BY570P LED100/NW PSU WB	69W	10000lm	4000K	BY570P LED250/CW PSU HRO	182W	25000lm	6500K
BY570P LED100/CW PSU HRO	69W	10000lm	6500K	BY570P LED250/NW PSU HRO	182W	25000lm	4000K
BY570P LED100/NW PSU HRO	69W	10000lm	4000K	BY570P LED100/CW PSU NB	69W	10000lm	6500K
BY570P LED150/CW PSU WB	111W	15000lm	6500K	BY570P LED100/NW PSU NB	69W	10000lm	4000K
BY570P LED150/NW PSU WB	111W	15000lm	4000K	BY570P LED150/CW PSU NB	111W	15000lm	6500K
BY570P LED150/CW PSU HRO	111W	15000lm	6500K	BY570P LED150/NW PSU NB	111W	15000lm	4000K
BY570P LED150/NW PSU HRO	111W	15000lm	4000K	BY570P LED200/CW PSU NB	144W	20000lm	6500K
BY570P LED200/CW PSU WB	144W	20000lm	6500K	BY570P LED200/NW PSU NB	144W	20000lm	4000K
BY570P LED200/NW PSU WB	144W	20000lm	4000K	BY570P LED250/CW PSU NB	182W	25000lm	6500K
BY570P LED200/CW PSU HRO	144W	20000lm	6500K	BY570P LED250/NW PSU NB	182W	25000lm	4000K
BY570P LED200/NW PSU HRO	144W	20000lm	4000K	BY570P LED100/NW PSD WB	75W	10000lm	4000K
BY570P LED250/CW PSU WB	182W	25000lm	6500K	BY570P LED100/NW PSD HRO	75W	10000lm	4000K
BY570P LED150/NW PSD WB	119W	15000lm	4000K	BY570X LED100/NW Connected WB	71W	10000lm	4000K
BY570P LED150/NW PSD HRO	119W	15000lm	4000K	BY570X LED100/NW Connected HRO	71W	10000lm	4000K
BY570P LED200/NW PSD WB	152W	20000lm	4000K	BY570X LED150/NW Connected WB	114W	15000lm	4000K
BY570P LED200/NW PSD HRO	152W	20000lm	4000K	BY570X LED150/NW Connected HRO	114W	15000lm	4000K
BY570P LED250/NW PSD WB	199W	25000lm	4000K	BY570X LED200/NW Connected WB	147W	20000lm	4000K
BY570P LED250/NW PSD HRO	199W	25000lm	4000K	BY570X LED200/NW Connected HRO	147W	20000lm	4000K
BY570P LED100/CW PSD WB	75W	10000lm	6500K	BY570X LED250/NW Connected WB	190W	25000lm	4000K
BY570P LED100/CW PSD HRO	75W	10000lm	6500K	BY570X LED250/NW Connected HRO	190W	25000lm	4000K
BY570P LED150/CW PSD WB	119W	15000lm	6500K	BY570X LED100/CW Connected WB	71W	10000lm	6500K
BY570P LED150/CW PSD HRO	119W	15000lm	6500K	BY570X LED100/CW Connected HRO	71W	10000lm	6500K
BY570P LED200/CW PSD WB	152W	20000lm	6500K	BY570X LED150/CW Connected WB	114W	15000lm	6500K
BY570P LED200/CW PSD HRO	152W	20000lm	6500K	BY570X LED150/CW Connected HRO	114W	15000lm	6500K
BY570P LED250/CW PSD WB	199W	25000lm	6500K	BY570X LED200/CW Connected WB	147W	20000lm	6500K
BY570P LED250/CW PSD HRO	199W	25000lm	6500K	BY570X LED200/CW Connected HRO	147W	20000lm	6500K
BY570P LED100/CW PSD NB	75W	10000lm	6500K	BY570X LED250/CW Connected WB	190W	25000lm	6500K
BY570P LED100/NW PSD NB	75W	10000lm	4000K	BY570X LED250/CW Connected HRO	190W	25000lm	6500K

Industry

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Product Model	Power	Lumen Output	Color Temperature
BY570P LED150/CW PSD NB	119W	15000lm	6500K	BY570X LED100/CW Connected NB	71W	10000lm	6500K
BY570P LED150/NW PSD NB	119W	15000lm	4000K	BY570X LED100/NW Connected NB	71W	10000lm	4000K
BY570P LED200/CW PSD NB	152W	20000lm	6500K	BY570X LED150/CW Connected NB	114W	15000lm	6500K
BY570P LED200/NW PSD NB	152W	20000lm	4000K	BY570X LED150/NW Connected NB	114W	15000lm	4000K
BY570P LED250/CW PSD NB	199W	25000lm	6500K	BY570X LED200/CW Connected NB	147W	20000lm	6500K
BY570P LED250/NW PSD NB	199W	25000lm	4000K	BY570X LED200/NW Connected NB	147W	20000lm	4000K
				BY570X LED250/CW Connected NB	190W	25000lm	6500K
				BY570X LED250/NW Connected NB	190W	25000lm	4000K

PSU is fixed output, PSD is DALI Dimming, and Connected is Interact Pro(SR Diver)

Accessory Model	
BY570Z Mounting Bracket-S	Mounting Bracket (Small)
BY570Z Mounting Bracket-M	Mounting Bracket (Middle)
BY570Z Mounting Bracket-L	Mounting Bracket (Large)
BY570Z Pipe accessory	Installation Accessories For Suspenders
BY570Z Suspension accessory	Installation Accessories For Hanging Chains

GreenPerform Highbay BY698P G5

PHILIPS



High Bay Luminaire Robust and Bright LED

Philips GreenPerform LED ceiling luminaire BY698P G5 is robust and bright, with multiple lights arranged in a neat visual effect. The efficiency of the BY698P G5 high ceiling luminaire system is increased to 160lm/W, which is more efficient, energy saving, durable, and has excellent optical performance. There are also a variety of light distribution schemes and installation methods to choose from, which brings comfortable lighting effect. It can be widely used in lighting places in large space areas such as production areas, warehouses and gymnasiums.

Product features

Energy-Efficient

The efficiency of the system is increased to 160 lm/W

Bright and Low Glare Lighting

Excellent lighting effect, no color rolling

Exclusive hood for better glare control - down to UGR 20

Excellent Aesthetics

Round luminous surface is neat and consistent, easy to install.

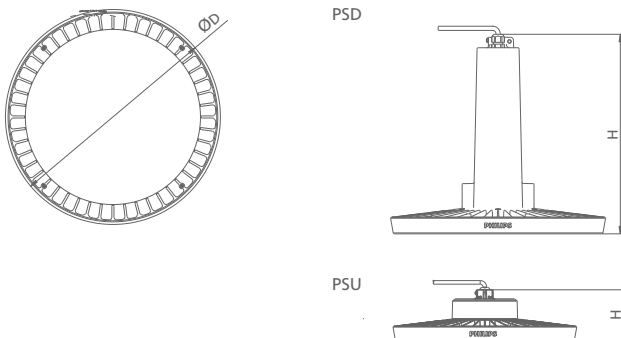
Long-Lasting And Reliable

Original manufacturing ensures reliable performance and life, with 75,000 hours life @ 35°C (L70)

Protection grade IP65 and IK08

Multiple Installation Options

Hook, suspender and bracket installation meets most application requirements.



Model	D(mm)	H(mm)
BY698 LED68/105/155 PSU	307	99
BY698 LED205 PSU	360	99
BY698 LED265 PSU	416	99
BY698 LED105/155 PSD	307	328
BY698 LED205 PSD	360	328
BY698 LED265 PSD	416	328

Main Applications

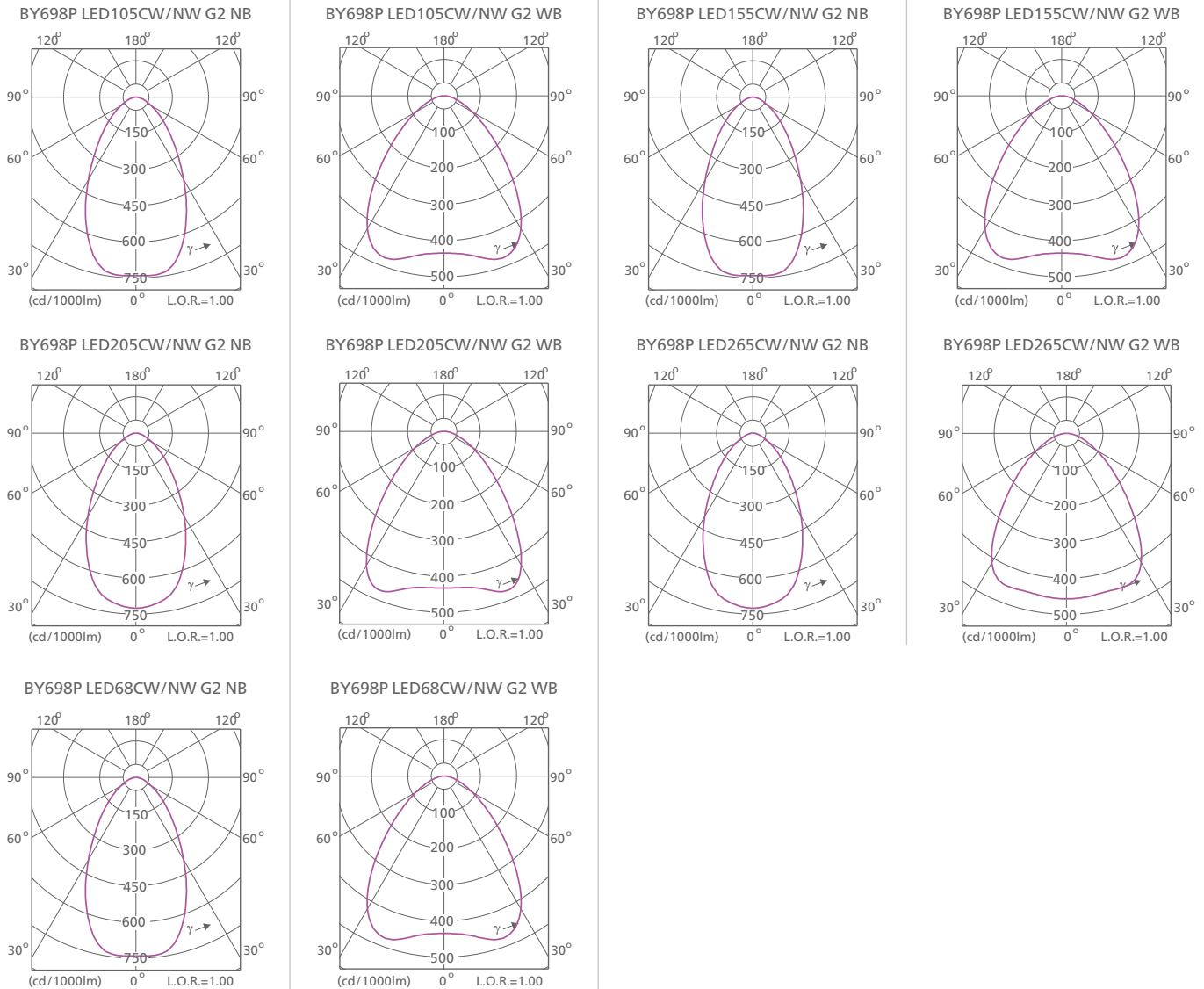
- Warehouse
- Industries
- High Ceiling Areas
- Factories



Technical Parameters

Product Model	LED 105	LED 150	LED200	LED250	LED300
Lumen Output (±10%)	10,500lm	15,000lm	20,000lm	25,000lm	30,000lm
System Power (±10%)	67W (PSU) 72W (PSD)	95W (PSU) 102W (PSD)	126W (PSU) 134W (PSD)	157W (PSU) 168W (PSD)	192W (PSU) 205W (PSD)
System Efficiency (±10%)			160lm/W (PSU) 150 lm/W (PSD)		
Color Temperature	CW (6500K) / NW (4000K)				
Color Rendering Index	>80				
Light And Color Consistency	SDCM<5				
IP/IK Grade	IP65/IK08				
Electrical Grade	Class I				
Control Mode	On/off, DALI				
Operating Temperature	-30°C ~ +50°C				
Lifetime	70,000 Hours @L70B50, @35°C				
Light Distribution	WB Wide Light Distribution; NB Narrow Light Distribution				
Input Voltage	220-240V~, 50/60 Hz				
Power Factor	0.95				
Surge Protection	2KV/4KV				
Total Harmonic Distortion (THD)	<15% (6800lm version <20% Suspension, Optional Accessories)				
Installation Method	Suspender, Bracket (Optional Accessories)				
Lamp Body Material	Die Casting Aluminum				
Diameter	Ø307mm	Ø307mm	Ø307mm	Ø360mm	Ø416mm
Height	99mm	99mm	99mm	99mm	99mm
Weight	2.5Kg	2.5Kg	2.5Kg	3.2Kg	4.0Kg
Certification	CCC/CB/EMC/CE				

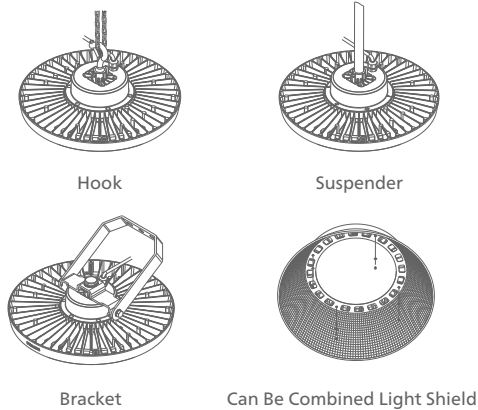
Light Distribution Curve



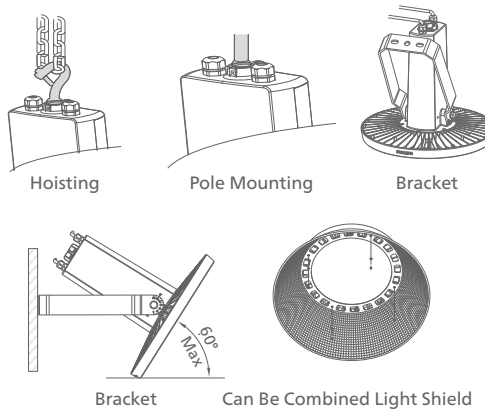
Industry

Installation Method

PSU



PSD



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Industry

Product Model	Power	Lumen Output	Color Temperature	Drive	Color Rendering	Light Distribution
BY698P LED68/CW PSU NB GC G2	53W	7200lm	6500K	Fixed Output	>80	NB
BY698P LED68/CW PSU WB GC G2	53W	7200lm	6500K	Fixed Output	>80	WB
BY698P LED68/NW PSU NB GC G2	53W	7200lm	4000K	Fixed Output	>80	NB
BY698P LED68/NW PSU WB GC G2	53W	7200lm	4000K	Fixed Output	>80	WB
BY698P LED105/CW PSU NB GC G2	77W	11000lm	6500K	Fixed Output	>80	NB
BY698P LED105/CW PSU WB GC G2	77W	11000lm	6500K	Fixed Output	>80	WB
BY698P LED105/NW PSU NB GC G2	77W	11000lm	4000K	Fixed Output	>80	NB
BY698P LED105/NW PSU WB GC G2	77W	11000lm	4000K	Fixed Output	>80	WB
BY698P LED155/CW PSU NB GC G2	113W	16000lm	6500K	Fixed Output	>80	NB
BY698P LED155/CW PSU WB GC G2	113W	16000lm	6500K	Fixed Output	>80	WB
BY698P LED155/NW PSU NB GC G2	113W	16000lm	4000K	Fixed Output	>80	NB
BY698P LED155/NW PSU WB GC G2	113W	16000lm	4000K	Fixed Output	>80	WB
BY698P LED205/CW PSU NB GC G2	148W	21000lm	6500K	Fixed Output	>80	NB
BY698P LED205/CW PSU WB GC G2	148W	21000lm	6500K	Fixed Output	>80	WB
BY698P LED205/NW PSU NB GC G2	148W	21000lm	4000K	Fixed Output	>80	NB
BY698P LED205/NW PSU WB GC G2	148W	21000lm	4000K	Fixed Output	>80	WB
BY698P LED265/CW PSU NB GC G2	190W	27000lm	6500K	Fixed Output	>80	NB
BY698P LED265/CW PSU WB GC G2	190W	27000lm	6500K	Fixed Output	>80	WB
BY698P LED265/NW PSU NB GC G2	190W	27000lm	4000K	Fixed Output	>80	NB
BY698P LED265/NW PSU WB GC G2	190W	27000lm	4000K	Fixed Output	>80	WB
BY698P LED265/NW PSD WB GM G2	197W	27000lm	4000K	DALI	>80	WB (90°)
BY698P LED265/NW PSD NB GM G2	197W	27000lm	4000K	DALI	>80	NB (60°)
BY698P LED265/CW PSD WB GM G2	197W	27000lm	6500K	DALI	>80	WB (90°)
BY698P LED265/CW PSD NB GM G2	197W	27000lm	6500K	DALI	>80	NB (60°)
BY698P LED205/NW PSD WB GM G2	153W	21000lm	4000K	DALI	>80	WB (90°)
BY698P LED205/NW PSD NB GM G2	153W	21000lm	4000K	DALI	>80	NB (60°)
BY698P LED155/NW PSD WB GM G2	117W	16000lm	4000K	DALI	>80	WB (90°)
BY698P LED155/NW PSD NB GM G2	117W	16000lm	4000K	DALI	>80	NB (60°)
BY698P LED105/NW PSD WB GM G2	80W	11000lm	4000K	DALI	>80	WB (90°)
BY698P LED105/NW PSD NB GM G2	80W	11000lm	4000K	DALI	>80	NB (60°)
BY698P LED205/NW PSD WB GC G2	153W	21000lm	4000K	DALI	>80	WB (90°)
BY698P LED205/NW PSD NB GC G2	153W	21000lm	4000K	DALI	>80	NB (60°)
BY698P LED265/NW PSD WB GC G2	197W	27000lm	4000K	DALI	>80	WB (90°)
BY698P LED265/NW PSD NB GC G2	197W	27000lm	4000K	DALI	>80	NB (60°)
BY698P LED155/NW PSD WB GC G2	117W	16000lm	4000K	DALI	>80	WB (90°)
BY698P LED155/NW PSD NB GC G2	117W	16000lm	4000K	DALI	>80	NB (60°)
Accessory Model						
BY698Z R-AL S G2	Light Shield (Small) LED68/105/155 G2					
BY698Z R-AL M G2	Light Shield (Middle) LED205 G2					
BY698Z R-AL L G2	Light Shield (Large) LED265 G2					
BY698Z PSU MB G2	PSU Version Mounting Bracket					
BY698Z PSD MB G2	PSD Version Mounting Bracket					
BY698Z hook accessory	Hook Installation					



GreenUp Line Highbay G2 BY490P

PHILIPS



Energy-efficient, Economical and Reliable Linear Highbay

Philips GreenUp Highbay BY490P is a cost-effective strip high ceiling light with high light efficiency and reliability to meet logistics warehouse lighting standards. The luminaire has a length of 1.2 meters, with multiple lumen output, uniform luminous surface, and white high-temperature spraying of high-strength cold-rolled steel lamp body, which is suitable for industrial sites with high space such as logistics warehouses.

Product features

Energy-Efficient

The luminous efficiency reaches 140lm/W

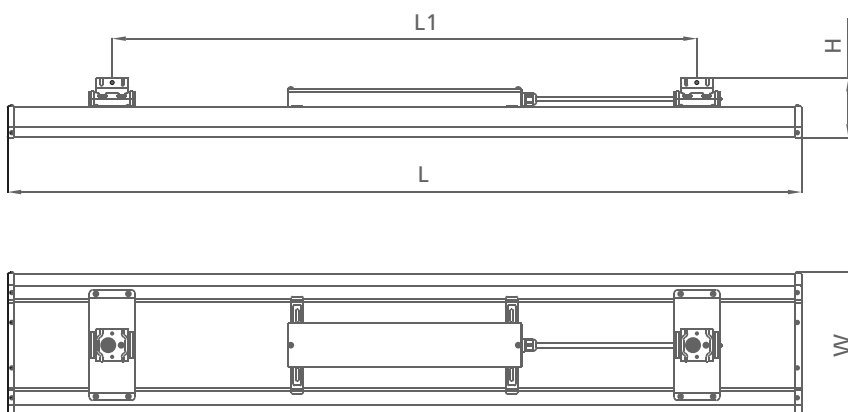
High Reliability

50,000,Hours @ta 35°C Service life.

Multiple Applications

High-strength steel plate body, uniform luminous surface, plus a variety of lumen output to meet different applications.

Model	L(mm)	L1(mm)	W(mm)	H(mm)
BY490P LED160 PSU	1222	900±2	226	92.5
BY490P LED160/NW PSU WB GM	1222	900±2	226	92.5
BY490P LED160/CW PSU WB GM	1222	900±2	226	92.5
BY490P LED200 PSU	1222	900±2	226	92.5
BY490P LED200/NW PSU WB GM	1222	900±2	226	92.5
BY490P LED200/CW PSU WB GM	1222	900±2	226	92.5



Industry

Main Applications

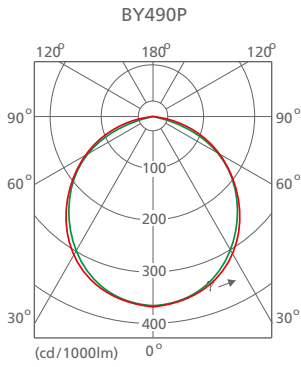
- Warehouse Lighting
- Logistics Center



Technical Parameters

Product Model	LED160	LED200
Lumen Output (Typical Value)	16000lm	20000lm
System Power (Typical Value)	115W	143W
Tolerance Range	±10%	
System Light Efficiency (Typical Value)	140lm/W	
Color Temperature (Typical Value)	CW (6500K)/NW (4000K)	
Color Rendering Index	> 80	
Color Tolerance	SDCM 5	
IP/IK Grade	IP40/IK03	
Electrical Protection Level	Class I	
Ambient Temperature	-20°C ~ +40°C	
Service Life	50Khrs L70B50@35°C	
Light Distribution Selection	WB (Lambert Wide Light)	
Input Voltage	220-240V~, 50/60 Hz	
Power Factor	0.9	
Surge Protection	1KV/2KV	
Installation Method	Suspension/Ceiling	
Installation Accessories	The installation buckle is provided with the lamp, and the suspender is provided by the customer	
Luminaire Body Color	RAL 9003	
Length	1222mm	
Width	226mm	
Height Mounting Buckle Included	92.5mm	
Weight	3kg	3.5kg
Authentication Certificate	CCC/CB/EMC	

Light Distribution Curve



Industry

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Product Specification
BY490P LED160/CW PSU WB	115W, 16000lm, 6500K, Fixed Output, Wide Light
BY490P LED160/NW PSU WB	115W, 16000lm, 4000K, Fixed Output, Wide Light
BY490P LED200/CW PSU WB	143W, 20000lm, 6500K, Fixed Output, Wide Light
BY490P LED200/NW PSU WB	143W, 20000lm, 4000K, Fixed Output, Wide Light



GreenUp Wellglass BY200P

PHILIPS



Industry

LED Wellglass Luminaire Professional and Reliable

The new generation of Philips GreenUp Wellglass LED platform luminaire is specially developed to adapt to the harsh indoor and outdoor application environment of power, steel, chemical, petroleum and other industries. Compared with traditional metal halide luminaire, it can save energy and greatly improve reliability and comfort.

Product features

Safe and Reliable

Integrated design, waterproof, dustproof, anti-corrosive, heat-resistant and anti-seismic, which can meet the harsh outdoor application requirements

Energy-Efficient

System luminous efficiency >110lm/W, which replaces 70W traditional metal halide luminaire one to one and saves energy >65%

Ultra-Long Life

Up to 50,000 hours of lifetime and more than ten years of safe operation

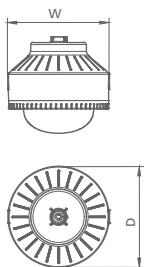
Comfortable Lighting

The optimized light distribution design and color rendering CRI is as high as 80, providing you with a comfortable lighting environment

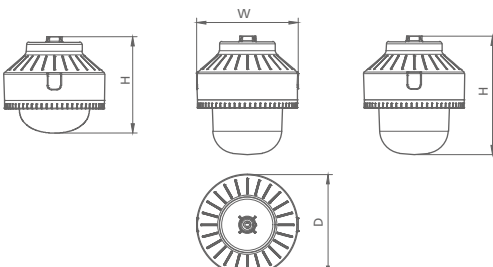
Flexible Installation

The combination of pole mounting, ceiling mounting and wall mounting can flexibly meet the installation requirements of different applications

BY200P LED32



BY200P LED40



Model	D(mm)	W(mm)	H(mm)
BY200 LED32	Ø215	218	205
BY200 LED40	Ø215	218	255

Main Applications

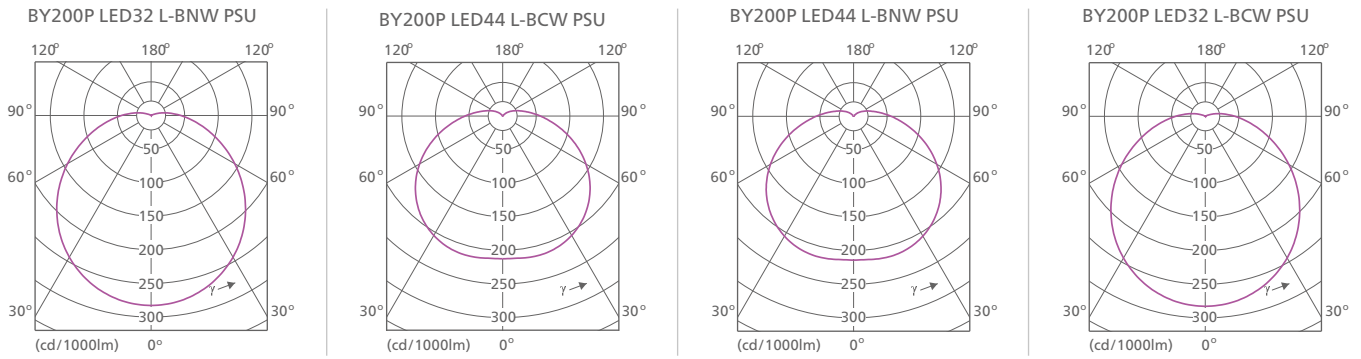
- Power Industry
- Petrochemical Industry
- Iron And Steel Metallurgy
- Ports Wharf



Technical Parameters

Product Model	GreenUp Wellglass BY200P
Lumen Output (±10%)	3200lm/4400lm
System Power (±10%)	29W/40W
System Light Efficiency (±10%)	110lm/W
IP/IK Grade	IP65/IK08
Anti- Corrosion Grade	WF2
Color Temperature	4000K/6500K
Color Rendering Index	80
Light Distribution	Lambert
Lifetime	50000 Hours L70B50@Ta35°C
Body Material	High Quality Die- Cast Aluminum
Transparent Cover Material	Anti- UV PC
Input Voltage	220-240V~, 50/60Hz
Installation Method	Pole Mounting/ Bracket
Operating Temperature	LED44:-30°C~ +45°C LED32:-30°C~ +50°C
Electrical Grade	Class I
Certification	CCC/CB/EMC/CE
Optional Accessories	Mounting Bracket/Stainless Steel Mesh Cover

Light Distribution Curve



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Color Rendering	Light Distribution	Transparent cover
BY200P LED32 L-B/CW PSU	29W	3200lm	6500K	80	L-B	PC
BY200P LED32 L-B/NW PSU	29W	3200lm	4000K	80	L-B	PC
BY200P LED44 L-B/NW PSU	40W	4400lm	6500K	80	L-B	PC
BY200P LED44 L-B/CW PSU	40W	4400lm	4000K	80	L-B	PC
Optional Accessory Model						
BY200Z MB	Mounting Bracket					
BY200Z WG	Stainless Steel Mesh Cover (Small)					
BY200Z WG L	Stainless Steel Mesh Cover (Large)					



GreenUp Lowbay BY288P

PHILIPS



Industry

Efficient and Energy-Saving LED Low Ceiling Luminaire

Philips' new generation of low ceiling GreenUp Lowbay adopts a new LED platform and optical technology, which can easily achieve substantial energy saving, and has excellent color rendering and glare control to improve lighting comfort. It fully meets the various lighting needs of factories, warehouses, supermarkets and public spaces, making it an alternative to HPI and CDM solutions. With Philips' new infrared mobile sensor probe, it can save additional 30% energy, making it an ideal green solution for industrial ceiling lighting!

Product features

Energy Saving and High Efficiency

The luminous efficiency of the system is 120lm/W, and the CDM or HPI metal halide luminaire, one to one replacement of conventional metal halide/CDM based luminaires, saving more than 70% of energy, saving more than 70% of energy.

Comfortable and Long- Lasting

High color rendering, anti-glare design, 50,000 hours luminaire life, to create comfortable lighting experience.

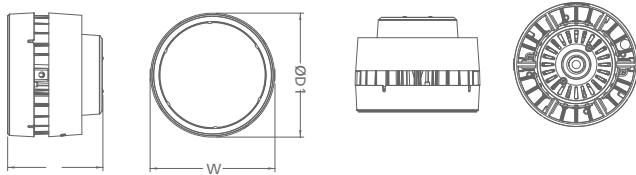
Flexible Installation

Five installation modes and abundant optional accessories can flexibly adapt to the installation and application of various indoor places.

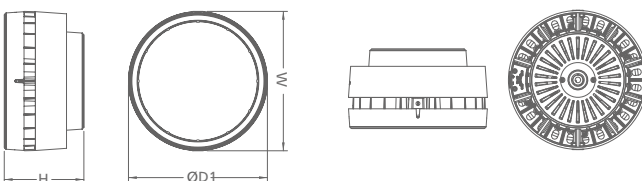
Intelligent Upgrade

With high-sensitivity infrared motion sensor probe, it is easy to realize energy-saving upgrade.

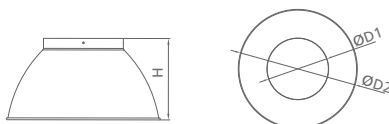
BY288P LED40



BY288P LED90/60



BY268Z RL/BY269Z RL



Model	D1(mm)	D2(mm)	W(mm)	H(mm)
BY288P LED40	Ø150	-	152	115
BY288P LED90/60	Ø250	-	252	144
BY268Z RL	Ø251	Ø489	-	258
BY269Z RL	Ø151	Ø299	-	168

Main Applications

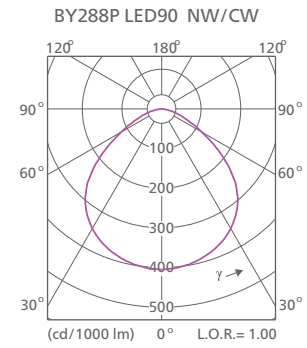
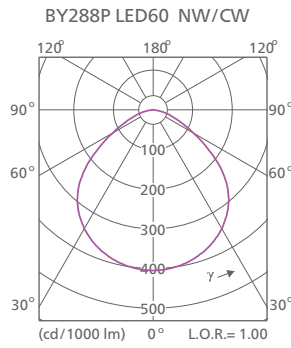
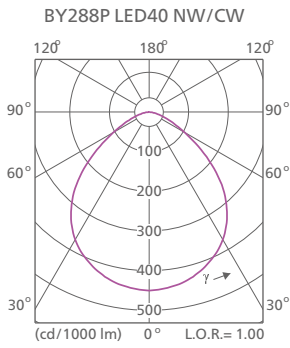
- Industrial Factory Building
- Commercial Shopping Places, Supermarkets
- Stadiums
- Logistics Storage



Technical Parameters

Product Model	BY288P LED40	BY288P LED60	BY288P LED90
System Power ($\pm 10\%$)	30W	50W	75W
Lumen Output ($\pm 10\%$)	3600lm	6000lm	9000lm
System Efficiency ($\pm 10\%$)	120lm/W		
Color Temperature	NW (4000K)/CW (6500K)		
Color Rendering Index	85; R9>0		
Light And Color Consistency	SDCM<5		
Light Distribution	50° WB (Wide Light); 35° NB (Narrow Light With Reflector)		
Glare Index	WB 30/NB 19		
IP Grade	IP20		
Electrical Grade	Class I		
Luminaire Body Material	Die- Casting Aluminum Body PC Mask: Optical Grade Microprism		
Operating Temperature	-20°C~+45°C		
Lifetime	50,000 Hours		
Lumen Maintenance	80,000 Hours (L70B50)		
Color	Light Grey		
Size	D150mm x H115mm	D250mm x H144mm	D250mm x H144mm
Weight	1kg	2.3kg	2.3Kg
Control Mode	PSU (Fixed Output)	PSU(Fixed Output)	PSU(Fixed Output); PSR(1-10V); PIR (Analog Self-Dimming)
Input Voltage	220-240V~; 50/60 Hz		
Surge Protection	1KV/2KV		
Power Factor	> 0.95		
Total Harmonic Distortion (THD)	< 20%		
Installation Method	Hook, Hanging Chain/ Pole Mounting/ Bracket		
Accessories	BY269Z RL(reflector) BY269Z MB(mounting bracket)	BY268Z RL(Reflector) BY268Z MB(Mounting Bracket)	BY268Z RL(Reflector) BY268Z MB (Mounting Bracket)

Light Distribution Curve



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Color Rendering
BY288P LED90/NW PSU	75W	9000lm	4000K	>80
BY288P LED90/CW PSU	75W	9000lm	6500K	>80
BY288P LED60/NW PSU	50W	6000lm	4000K	>80
BY288P LED60/CW PSU	50W	6000lm	6500K	>80
BY288P LED40/NW PSU	30W	3600lm	4000K	>80
BY288P LED40/CW PSU	30W	3600lm	6500K	>80
BY288P LED90/NW PSR	75W	9000lm	4000K	>80
BY288P LED90/CW PSR	75W	9000lm	6500K	>80



Industry

Functional Waterproof

Compare the features of our selection of LED functional waterproofs, classified from the simplest to the most advanced solution.

Industry



Portfolio Summary

Pacific LED gen5
WT490C (performer),
WT475C (Value),
WT492C (ATEX),
WT495C (Xtreme)



- Wide choice of beams covering a wide range of applications up to 12 m high
- Wide choice of lumen packages from 2300 lm to 15,000 lm
- Head-end wiring or 1.5 mm 2 through-wiring
- IFS/HACCP-compliant (for applications in food processing plants)
- Chemical resistance compatible
- ATEX 2/22 compatible
- EU origin version available.

CoreLine Waterproof
gen2 WT120C



- High-quality optics for excellent illuminance levels and low energy consumption
- Variety of options (versions with opal di, user, external quick connector, through-wiring, Interact ready, etc.)
- EU origin version available.

Greenperform Waterproof
Tubular WT228C/WT238C



- Sleek, modern, and elegant look and feel
- High mechanical and water ingress protection.
- Ammonia resistant and prevents dust accumulation
- Through wiring by default.

GreenPerform Waterproof
G3 WT198C



- Two light distribution options: Wide beam (Microprism WB version) and Opal (PCO frosted translucent version).
- Variety of choices in three lengths: L600/L1200/L1500.
- Simple installation; can be connected by quick connector and series connection option
- Easy maintenance and replaceable driver.

GreenUp Waterproof
G2 WT158C



- Slim profile design
- Quick connectors used, no tools are required for connection
- With a protection level of up to IP66 and IK08, perfectly satisfying the harsh industrial requirements
- Three lengths L600mm / L1200mm / L1500mm available

Height of installation	System flux	System efficiency	Service life	Optic	IP	IK	Operating temperature range	Connectivity	Standard warranty
Up to 12m	2 300 to 15 000 lm	Up to 165 lm/W	100 000 h L90 (flux ≤ 64S) 100 000 h L80 (flux ≥ 80S)	50° to 122°	IP66	IK08	- 35°C + 60°C depending on versions	Available in Interact Pro compatible version. Sensor version on request.	5 years
Up to 8m	1 800 to 8 000 lm	Up to 143 lm/W	50 000 h L85 (flux ≤ 40S) 50 000 h L80 (flux ≥ 60S)	105° to 135°	IP65	IK08	- 20°C + 35°C	Available in Interact Pro (WIA) compatible version. Only without Integrated sensor.	5 years
Up to 8m	3900lm, 5000lm, 7000lm	Up to 130 lm/W	50 khrs L80B50	CRI >80	PMMA Version (IP67, IP69); PC Version (IP68)	PMMA Version (IK6); PC Version (IK10)	- 20°C + 40°C	No	5 years
Up to 8m	1800 to 8000lm	Up to 140 lm/W	50,000 Hours @L70B50	CRI >80	IP65	IK08	- 20°C + 50°C (PSU version) -20°C +45°C (PSD)	Available in Interact Pro (WIA) compatible version. Only without Integrated sensor.	5 years
Up to 6m	1800 to 5600lm	Up to 120 lm/W	50,000 hours @L75B50	CRI >80	IP66	IK08	- 20°C + 50°C	No	5 years

Choosing optics for your Pacific LED gen5 waterproofs

Pacific LED gen5's wide choice of beam shapes lets you tailor lighting to your precise needs. Dedicated optics are designed to deliver the right quality of light, whatever the ceiling height or size of the area to be illuminated.

Industry

Parking lots

Private



- 1 Very wide beam (VWB) Mounting height 2.5 to 4 m
Parking areas not open to the public:
Average illumination (\bar{E}_m , ground) ≥ 75 lux
Ground uniformity (U_o) ≥ 0.25

Public



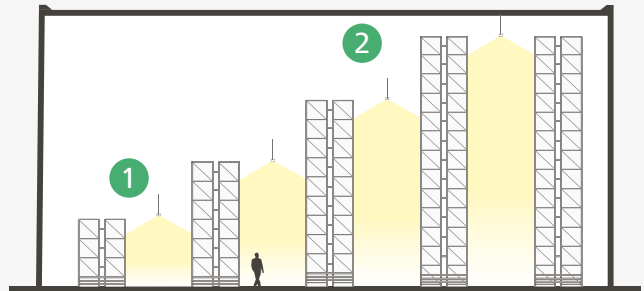
- 1 Very wide beam (VWB) Mounting height 2.5 to 4 m
Parking areas open to the public:
Average illumination (\bar{E}_m , ground) ≥ 150 lux
Ground uniformity (U_o) ≥ 0.4





Warehouse aisles

Rack storage

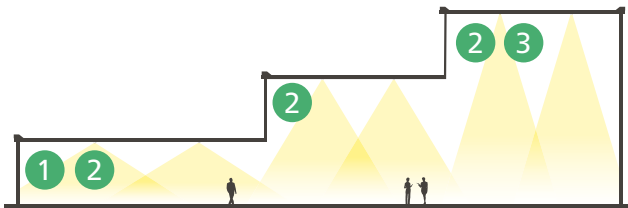


1 Wide beam (WB)
Mounting height 2.5 to 4 m

2 Narrow beam (NB-HRO)
Installation height > 6 m

Open spaces

Logistics, food production and processing



1 Very wide beam (VWB)
Installation height < 4 m

2 Wide beam (WB)
Installation height 4 to 9 m

3 Narrow beam (NB-HRO)
Installation height > 9 m

Recommended optics for open spaces		Mounting height		
		< 4 m	4-9 m	> 9 m
Illumination	750 lux	WB	WB/NB-HRO	NB-HRO
	500 lux	VWB	WB/NB-HRO	NB-HRO
	300 lux	VWB	WB	WB-NB-HRO
	200 lux	VWB	WB	WB-NB-HRO

*Depending on the size of the area to be lit

Recommended optics for open spaces		Mounting height	
		< 6 m	> 8 m
Illumination	300 lux	WB	NB-HRO
	200 lux	WB	NB-HRO
	150 lux	WB	NB-HRO

*Depending on the size of the area to be lit

Industry



Pacific LED gen5 Performer WT490C



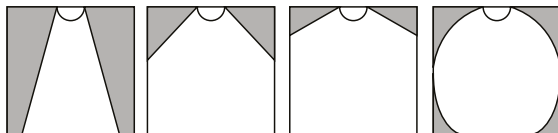
PHILIPS
interact
ready.



Push-button connector



WAGO connector



NB-HRO
(special rack)

WB (wide)

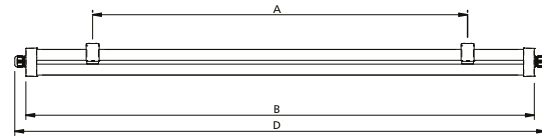
VWB
(very wide beam)

O
(opal)

Light distribution of the optics

The waterproof LED for all conditions

- Wide choice of beams covering a vast range of applications up to 12 meters installation height
- Wide (WB), medium (MB), special elliptical rack (NB HRO), opalized lenses (O), opalized tube (PCO) optics
- High efficiency: up to 166 lm/W
- Wide choice of wattages from 2,300 lm to 15,000 lm
- Driver Dali 2 part 251/252/253
- IFS/HACCP-compliant (for use in food processing plants)
- Chemical resistance compatible (see detailed list of chemical substances on page 217)
- Easy installation and maintenance via drawer
- 1.5 or 2.5 mm² head-wiring or through-wiring options
- Push-button or wieland connectors options



Dimensions in mm	A	B (TC5)	B (with through wiring TW)	C	D (with through wiring TW)
L700	360 - 260	660	-	686	-
L1200	920 - 720	1221	1224	1248	1278
L1600	1300 - 1100	1601	1601	1628	1654
L1800	1480 - 1080	1783	1785	1810	1838

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Interact ready version					
L1200mm, dimmable Interact antenna (IA9), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT490C LED64S/840 SIA WB IA9 PI5 L1200	6 400	40	160	4 000	93 x 93
WT490C LED80S/840 SIA WB IA9 PI5 L1200	8 000	51	157	4 000	93 x 93
L1800mm, dimmable Interact antenna (IA9), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT490C LED80S/840 SIA WB IA9 PI5 L1800	8 000	48,5	165	4 000	93 x 93
non-dimmable PSU version					
L700mm, dimmable non-dimmable (PSU), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT490C LED23S/840 PSU WB PI5 L700	2 300	15,2	151	4 000	93 x 93
L1200mm, dimmable non-dimmable (PSU), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT490C 35S/840 PSU WB PI5 L1200	3 500	22	159	4 000	93 x 93
WT490C LED42S/840 PSU WB PI5 L1200	4 200	25,5	165	4 000	93 x 93
WT490C LED64S/840 PSU NB-HRO PI5 L1200	6 400	40	160	4 000	50 x 74
WT490C LED64S/840 PSU WB PI5 L1200	6 400	40	160	4 000	93 x 93
WT490C LED80S/840 PSU NB-HRO PI5 L1200	8 000	51	157	4 000	50 x 74
WT490C LED80S/840 PSU WB PI5 L1200	8 000	51	157	4 000	93 x 93
WT490C LED100S/840 PSU WB PI5 L1200	10 000	65	154	4 000	93 x 93

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
L1600mm, dimmable non-dimmable (PSU), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT490C 35S/840 PSU WB P15 L1600	3 500	22	159	4 000	93 x 93
WT490C LED80S/840 PSU WB P15 L1600	8 000	51	157	4 000	93 x 93
L1800mm, dimmable non-dimmable (PSU), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT490C LED80S/840 PSU NB-HRO P15 L1800	8 000	48,5	165	4 000	50 x 74
WT490C LED80S/840 PSU WB P15 L1800	8 000	48,5	165	4 000	93 x 93
WT490C LED100S/840 PSU WB P15 L1800	10 000	62	161	4 000	93 x 93
WT490C LED120S/840 PSU WB P15 L1800	12 000	76	158	4 000	93 x 93
WT490C LED150S/840 PSU WB P15 L1800	15 000	97	155	4 000	93 x 93
Version DALI2					
L700mm, dimmable (PSD), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT490C LED23S/840 PSD WB P15 L700	2 300	14,4	160	4 000	93 x 93
L1200mm, dimmable (PSD), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT490C LED42S/840 PSD WB P15 L1200	4 200	26	162	4 000	93 x 93
WT490C LED42S/840 PSD VWB P15 L1200	4 200	26	162	4 000	123 x 122
WT490C LED64S/840 PSD WB P15 L1200	6 400	39,5	162	4 000	93 x 93
WT490C LED80S/840 PSD NB-HRO P15 L1200	8 000	51	157	4 000	50 x 74
WT490C LED80S/840 PSD WB P15 L1200	8 000	51	157	4 000	93 x 93
WT490C LED100S/840 PSD WB P15 L1200	10 000	66	152	4 000	93 x 93
L1800mm, dimmable (PSD), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT490C LED80S/840 PSD NB-HRO P15 L1800	8 000	48,5	165	4 000	50 x 74
WT490C LED80S/840 PSD WB P15 L1800	8 000	48,5	165	4 000	93 x 93
WT490C LED100S/840 PSD WB P15 L1800	10 000	62	161	4 000	93 x 93
WT490C LED120S/840 PSD WB P15 L1800	12 000	76	158	4 000	93 x 93
WT490C LED150S/840 PSD WB P15 L1800	15 000	97	155	4 000	93 x 93
Opal version PCO or clear (O)					
L1200mm, non-dimmable (PSU), 4000 K, opalized clear diffuser (O), opalized diffuser (PCO)					
WT490C 64S/840 PSU O L1200	6 200	40	155	4 000	122 x 120
WT490C 64S/840 PSU PCO L1200	5 300	40	133	4 000	117 x 110
L1800mm, non-dimmable (PSU), 4000 K, opalized clear diffuser (O), opalized diffuser (PCO)					
WT490C 80S/840 PSU O L1800	7 600	51	157	4 000	122 x 120
WT490C 80S/840 PSU PCO L1800	6 600	48,5	136	4 000	117 x 110
1-phase 1.5 mm² through-wiring version					
L1200mm, non dimmable (PSU), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB), through-wiring 1 or 3-phase through wiring (TW1/TW3)					
WT490C LED64S/840 PSU WB TW1 P15 L1200	6 400	40	160	4 000	93 x 93
WT490C LED80S/840 PSU WB TW1 P15 L1200	8 000	51	157	4 000	93 x 93
WT490C LED64S/840 PSU WB TW3 P15 L1200	6 400	40	160	4 000	93 x 93
WT490C LED80S/840 PSU WB TW3 P15 L1200	8 000	51	157	4 000	93 x 93
L1200mm, dimmable (PSD), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB), through-wiring 1 or 3-phase (TW1/TW3) or 3-phase through wiring (TW1/TW3)					
WT490C LED64S/840 PSD WB TW1 P15 L1200	6 400	39,5	162	4 000	93 x 93
WT490C LED64S/840 PSD WB TW3 P17 L1200	6 400	39,5	162	4 000	93 x 93
WT490C LED80S/840 PSD WB TW1 P15 L1200	8 000	51	157	4 000	93 x 93
WT490C LED80S/840 PSD WB TW3 P17 L1200	8 000	51	157	4 000	93 x 93
L1800mm, non dimmable (PSU), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB), through-wiring 1 or 3-phase through wiring (TW1/TW3)					
WT490C LED80S/840 PSU WB TW3 P15 L1800	8 000	48,5	165	4 000	93 x 93
L1800mm, dimmable (PSD), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB), through-wiring 1 or 3-phase (TW1//TW3)					
WT490C LED80S/840 PSD WB TW3 P17 L1800	8 000	48,5	165	4 000	93 x 93
Wieland connector version					
L1200mm, non-dimmable (PSU), 4000 K, narrow Rack (NB-HRO), wide (WB), very wide (VWB), Wieland head-tapping (TCW5)					
WT490C LED64S/840 PSU WB TCW5 P15 L1200	6 400	40	160	4 000	93 x 93
L1200mm, non-dimmable (PSU), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB), Wieland (W5)					
WT490C LED64S/840 PSU WB W5 L1200	6 400	40	160	4 000	93 x 93
WT490C LED80S/840 PSU WB W5 L1200	8 000	51	157	4 000	93 x 93
L1200mm, (PSD), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB), Wieland (W5)					
WT490C LED64S/840 PSD WB W5 L1200	6 400	39,5	162	4 000	93 x 93
WT490C LED80S/840 PSD WB W5 L1200	8 000	51	157	4 000	93 x 93

Pacific LED gen5 Value WT475C

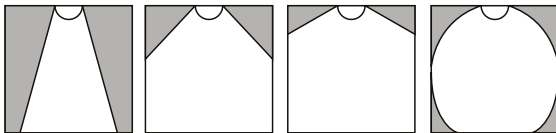


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interact ready.



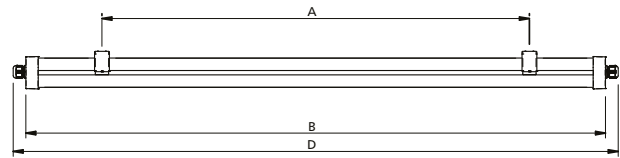
Stainless steel bracket



NB-HRO (special rack) WB (wide) VWB (very wide beam) O (opal)

The waterproof LED for harsh conditions

- Wide choice of beams covering a vast range of applications up to 8 meters installation height
- Wide (WB), medium (MB), special elliptical rack (NB HRO), opalized lenses (O), opalized tube (PCO) optics
- High efficiency: up to 166 lm/W
- Wide choice of wattages from 4200 lm to 10,700 lm
- Driver Dali 2 part 251/252/253
- IFS/HACCP-compliant (for use in food processing plants)
- Chemical resistance compatible (see detailed list of chemical substances on page 217)
- Easy installation and maintenance via drawer
- 1.5 mm² through-wiring
- Push-button or wieland connectors options
- Integrated antenna on Interact ready versions



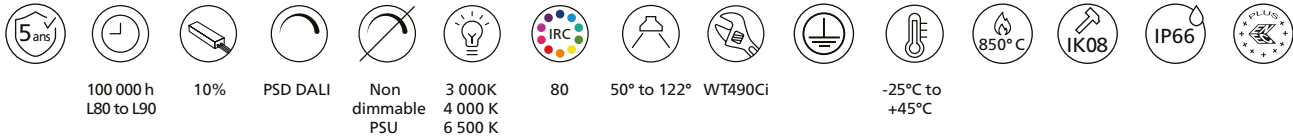
Dimension in mm	A	B	C	D (TW)
L1200	920 - 720	1221	1248	1278
L1600	1300 - 1100	1601	1628	1654
L1800	1480 - 1080	1783	1810	1838

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Interact ready version					
L1200mm, dimmable Interact antenna (IA9), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT475C LED72S/840 SIA WB IA9 L1200	7 200	54	133	4 000	93 x 93
L1800mm, dimmable Interact antenna (IA9), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT475C LED107S/840 SIA WB IA9 L1800	10 700	82	131	4 000	93 x 93

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Dimmable PSD version					
L1200mm, dimmable Dali2 (PSU), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT475C LED42S/840 PSD WB L1200	4 200	31,5	133	4 000	93 x 93
WT475C LED72S/840 PSD NB-HRO L1200	7 200	55	131	4 000	50 x 74
WT475C LED72S/840 PSD WB L1200	7 200	55	131	4 000	93 x 93
WT475C LED72S/840 PSD VWB L1200	7 200	55	131	4 000	123 x 122
L1800mm, dimmable Dali2 (PSD), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT475C LED62S/840 PSD NB-HRO L1800	6 200	45,5	136	4 000	50 x 74
WT475C LED62S/840 PSD WB L1800	6 200	45,5	136	4 000	93 x 93
WT475C LED62S/840 PSD VWB L1800	6 200	45,5	136	4 000	123 x 122
WT475C LED107S/840 PSD WB L1800	10 700	81	132	4 000	93 x 93
Non-dimmable PSU version					
L1200mm, dimmable non-dimmable (PSU), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT475C LED42S/840 PSU WB L1200	4 200	29,8	141	4 000	93 x 93
WT475C LED72S/840 PSU NB-HRO L1200	7 200	54	133	4 000	50 x 74
WT475C LED72S/840 PSU WB L1200	7 200	54	133	4 000	93 x 93
WT475C LED72S/840 PSU VWB L1200	7 200	54	133	4 000	123 x 122
L1800mm, dimmable non-dimmable (PSU), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT475C LED62S/840 PSU NB-HRO L1800	6 200	44	141	4 000	50 x 74
WT475C LED62S/840 PSU WB L1800	6 200	44	141	4 000	93 x 93
WT475C LED62S/840 PSU VWB L1800	6 200	44	141	4 000	123 x 122
WT475C LED107S/840 PSU WB L1800	10 700	81	132	4 000	93 x 93
Opal version PCO or clear (O)					
L1200mm, non-dimmable (PSU), 4000 K, opal clear diffuser (O), opal diffuser (PCO)					
WT475C LED72S/840 PSU PCO L1200	6 000	54	111	4 000	117 x 110
WT475C LED72S/840 PSU O L1200	6 800	54	126	4 000	122 x 120
L1800mm, non-dimmable (PSU), 4000 K, opal clear diffuser (O), opal diffuser (PCO)					
WT475C LED62S/840 PSU PCO L1800	5 200	44	118	4 000	117 x 110
WT475C LED62S/840 PSU O L1800	6 000	44	136	4 000	122 x 120
1-phase 1.5 mm² through-wiring version					
L1200mm, dimmable Dali2 (PSD), 4000 K, intensive Rack (NB-HRO), wide (WB), very wide (VWB), through-wiring single phase (TW1)					
WT475C LED72S/840 PSD WB TW1 L1200	7 200	55	131	4 000	93 x 93
WT475C LED72S/840 PSD VWB TW1 L1200	7 200	55	131	4 000	123 x 122
L1200mm, non-dimmable (PSD), 4000 K, intensive Rack (NB-HRO), wide (WB), very wide (VWB), through-wiring single phase (TW1)					
WT475C LED72S/840 PSU WB TW1 L1200	7 200	54	133	4 000	93 x 93
WT475C LED72S/840 PSU VWB TW1 L1200	7 200	54	133	4 000	123 x 122

Pacific LED gen5 ATEX WT492C



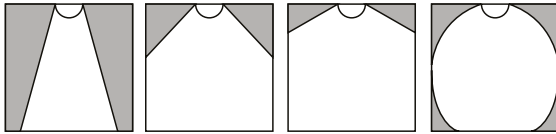
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Wieland Connector



Stainless steel bracket



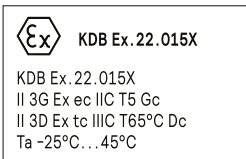
NB-HRO (special rack)

WB (wide)

VWB (Very wide)

O (opal)

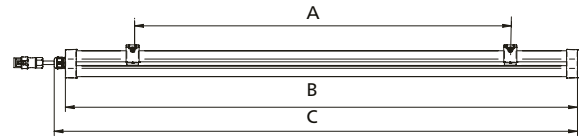
Light distribution of the optics



ATEX Certification

The waterproof LED for use in potentially explosive atmospheres, combining high light quality and efficiency

- ATEX Zone 2/22 certified
- Wide choice of beams covering a wide range of applications up to 12 m installation height
- Wide (WB), medium (MB), special elliptical rack (NB HRO), opal lenses (O), opal tube (PCO) optics
- High efficiency: up to 166 lm/W
- Wide choice of wattages from 2,300 lm to 10,000 lm
- Driver Dali 2 part 251/252/253
- IFS/HACCP-compliant (for use in food processing plants)
- Chemical resistance compatible (see detailed list of chemical substances on page 217)
- Can be wired with headers or through-wiring 1.5 mm2.
- Wieland EX connector option

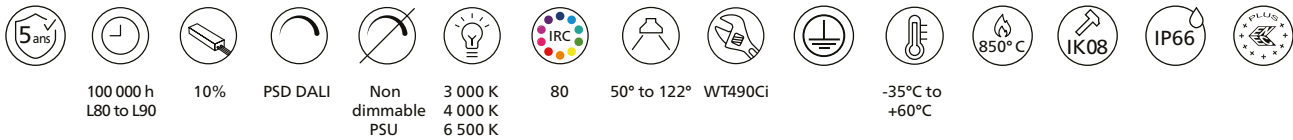


Dimensions (in mm)	A	B	C	D (through-wiring TW)
L700	360 - 260	660	686	-
L1200	920 - 720	1221	1248	1248
L1600	1300 - 1 100	1601	1628	1628
L1800	1480 - 1 080	1783	1810	1810

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
L1200mm, dimmable DALI (PSD), 4000 K, wide beam (WB), Connector Wieland ATEX WT492C 64S/840 PSD WB W5 L1200	6 400	39,5	162	4 000	93 x 93
L1200mm, non-dimmable (PSU), 4000 K, wide beam (WB), Connector Wieland ATEX WT492C 64S/840 PSU WB W5 L1200	6 400	40	160	4 000	93 x 93
L1800mm, dimmable DALI (PSD), 4000 K, wide beam (WB), Connector Wieland ATEX WT492C 80S/840 PSD WB W5 L1800	8 000	48,5	165	4 000	93 x 93
L1800mm, non-dimmable (PSU), 4000 K, wide beam (WB), Connector Wieland ATEX WT492C 80S/840 PSU WB W5 L1800	8 000	49	165	4 000	93 x 93

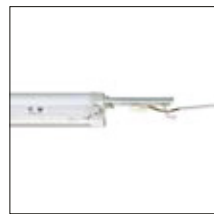
Pacific LED gen5 Xtreme WT495C



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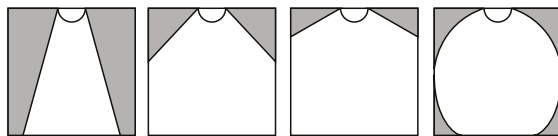
Push-button connectors



WAGO connector



Pacific LED gen5 Xtrem operating temperature range

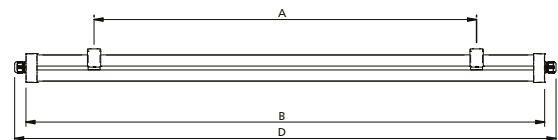


NB-HRO (special rack) WB (wide) VWB (Very wide) O (opal)

Light distribution of the optics

The waterproof LED designed for extreme environments

- High-temperature-resistant Xtreme version
- Wide choice of beams covering a wide range of applications up to 12 m installation height
- Wide (WB), medium (MB), special elliptical rack (NB HRO), opal lenses (O), opal tube (PCO) optics
- High efficiency: up to 166 lm/W
- Wide choice of wattages from 2,300 lm to 15,000 lm
- Driver Dali 2 part 251/252/253
- IFS/HACCP-compliant (for use in food processing plants)
- Chemical resistance compatible (see detailed list of chemical substances on page 217)
- Easy installation and simplified maintenance with drawer system
- 1.5 or 2.5 mm² head-wiring or through-wiring options
- Push-button or wieland connectors options

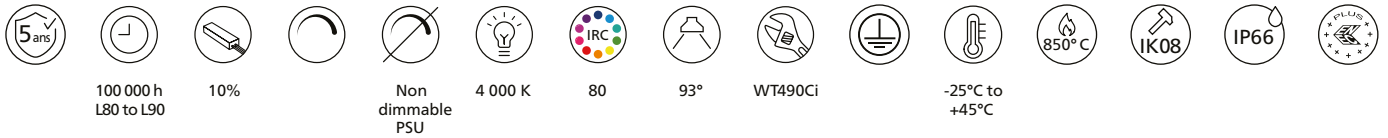


Dimensions (in mm)	A	B	C	D (through-wiring TWA)
L700	360 - 260	660	686	-
L1200	920 - 720	1221	1248	1278
L1800	1480 - 1080	1783	1810	1838

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
L1200mm, Xtreme, non-dimmable (PSU), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT495C 64S/840 PSU WB PI5 L1200	6 400	40,5	158	4 000	93 x 93
L1200mm, Xtreme, dimmable (PSD), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT495C 64S/840 PSD WB PI5 L1200	6 400	40,5	158	4 000	93 x 93
L1800mm, Xtreme, non-dimmable (PSU), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT495C 80S/840 PSU WB PI5 L1800	8 000	49	157	4 000	93 x 93
L1800mm, Xtreme, dimmable (PSD), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT495C 80S/840 PSD WB PI5 L1800	8 000	48,5	157	4 000	93 x 93

Pacific LED gen5 Class II WT490C



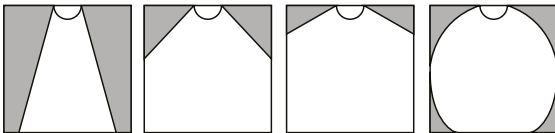
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Push-button connector



Stainless steel bracket



NB-HRO (special rack)

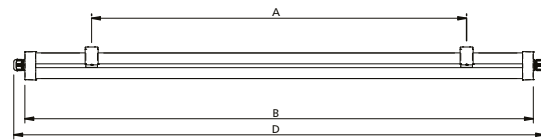
WB (wide)

VWB (Very wide)

O (opal)

Waterproof LED class II for challenging environments

- Wide choice of beams covering a wide range of applications up to 12 m installation height
- Wide (WB), medium (MB), special elliptical rack (NB HRO), opal lenses (O), opal tube (PCO) optics
- High efficiency: up to 166 lm/W
- Wide choice of lumen packages from 2,300 lm to 15,000 lm
- Class 2 reinforced double insulation
- Driver Dali 2 part 251/252/253
- Compliant with IFS/ HACCP requirements (for applications in food processing plants)
- Compatible with chemical resistance (see detailed list of chemical substances opposite)
- Easy installation and simplified maintenance with drawer system
- 1.5 or 2.5 mm² headers or through-wiring available
- Push-button or Wieland connectors options



Dimensions in mm	A (TC5)	B (TC5)	B (through-wiring TW)	C	D (through-wiring TW)
L700	360 - 260	660	-	686	-
L1200	920 - 720	1221	1224	1248	1278
L1600	1300 - 1100	1601	1601	1628	1654
L1800	1480 - 1080	1783	1785	1810	1838

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
L1200mm, dimmable non-dimmable (PSU), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT490C 64S/840 PSU CLII WB WA7 L1200	6 400	40	160	4 000	93° x 93°
L1800mm, dimmable non-dimmable (PSU), 4000 K, narrow beam Rack (NB-HRO), wide (WB), very wide (VWB)					
WT490C 80S/840 PSU CLII WB WA7 L1800	8 000	51	165	4 000	93° x 93°

Chemical resistance

Chemical resistance	Chemical resistance	Resistant	Partially resistant	Not resistant
Inorganic acids	Acid		●	
	Sea water	●		
	2% caustic soda	●		
Organic products	Acetone	●		
	Wax	●		
	Ink	●		
	Ethanol		●	
Aromatic products	Glycerine	●		
Food products, cooking aids and beverages	Soybean oil	●		
	Olive oil	●		
	Vegetable oil	●		
	Lemon juice	●		
	Milk	●		
	Margarine	●		
	Mayonnaise	●		
Oils, fats, fuels	Diesel		●	
	Regular gasoline			●
	Premium gasoline	●		
	Grease		●	
	Citronella oil		●	
	Mineral oil	●		
	Motor oil	●		
	Kerosene oil	●		
	Pine oil		●	
	Silicone oil	●		
Turpentine		●		
Detergents, household disinfectants	Hand cream	●		
	Nail polish remover			●
	Insecticide	●		
	Dishwashing liquid	●		
	30% hydrogen peroxide		●	
	Shampoo	●		
Resistance to cleaning agents and detergents	Glass detergent	●		
	Universal detergent	●		
	LERAPUR RHE 132 alkaline (diluted at 3%)	●		
	LERADES CSR 102 alkaline (diluted at 3%)		●	
	LERACID 169 acid (diluted 3%)	●		
	LERACID RSC 215 acid (diluted at 3%)	●		
	LERASEPT L 420 acid (diluted 3%)	●		
Gas	25% ammonia	●		

Examples of industrial applications

Chemicals	✓
Automotive	✓
Petrochemicals	✓
Heavy industry	✓
Food and pharmaceuticals	✓
Disinfection	✓

* Please refer to the maintenance manual (available on the Signify Service app via the product QR code) for details of the chemical composition of cleaning agents and detergents.

"resistant" means no change and/or damage

"non-resistant" means the presence of changes in appearance and damage
 "partially resistant" means changes in appearance without damage

DISCLAIMER: Our recommendations concerning the chemical resistance of materials are based on chemical resistance tests carried out on Pacific LED components. The substances selected for testing are based on our experience in various industrial applications. It should be noted, however, that the resistance of various components (metals, plastics, etc.) can be affected by temperature, concentration, the presence of various (mixed) chemicals, among other factors. The summary provided herein is not and shall not be deemed to be a warranty, express or implied, of any kind or form whatsoever, that the product presented herein is suitable for any use and/or application as described herein and/or resistant to exposure to any chemical and/or other substance as described herein. It is the sole and exclusive responsibility of the customer to determine the suitability of the luminaires for the various solutions and applications.

CoreLine Waterproof gen2

The waterproof solution
for all your projects



CoreLine Waterproof gen2 is the innovative waterproof solution for all your projects. With exceptional quality and easy to install, it can directly replace waterproof luminaires with fluorescent tubes from 18 to 58 W. CoreLine Waterproof gen2's product architecture has been designed to ensure quick and easy installation.

Optics have been improved to offer excellent light distribution and even more efficient lighting. The CoreLine Waterproof gen2 range also includes Interact ready connected versions for remote configuration, control and monitoring via the intuitive Interact Pro application.

Industry



Discover a world of benefits

Quick and easy installation

Installation is quick and flexible, thanks to extended mounting brackets and clips designed for easy opening and closing of the luminaire.

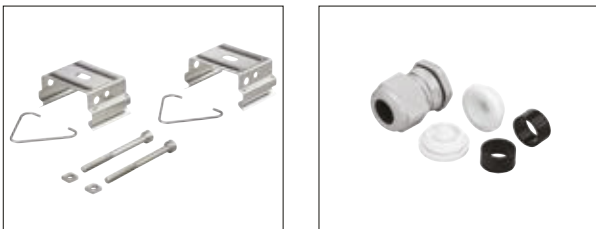
The device protects the installation from theft, thanks to the additional screws included in the mounting brackets (vandal-proof).



The electrical design has been improved to enable tool-free installation.



Includes mounting brackets, cable glands and grommets.



Economical and sustainable

This luminaire reduces energy consumption by 64% compared with conventional TL-D/T8 solutions.

Its performance is long-lasting: with an operating life of up to 50,000 h L85, maintenance requirements are very limited, and the resulting costs are all the lower.

Efficient, comfortable lighting

The excellent quality of the optics ensures wide, even light distribution (better illumination levels for lower power consumption). Optics have been redesigned for greater visual comfort, and two types of diffuser are now available: Clear or Opal for even greater lighting comfort.



Industry

Available lengths

600mm / 1200 mm / 1500 mm

Available flux

1900lm to 8000 lm

Available color temperatures

3000 K, 4000 K & 6500 K

Options

For optimized energy consumption:

- DALI 2 dimmable versions (PSD)
- Versions with integrated presence detector (MDU)
- Interact ready connected versions (WIA)

For easy installation:

- Versions with through-wiring (TW)
- Versions with external quick connector (WEC)

For enhanced lighting comfort:

- Versions with opal diffuser (PCO)

Applications

Parking lots, warehouses, industrial sites, general lighting

CoreLine Waterproof gen2 WT120C



50 000 h
L80 to L85



5%



PSD DALI



Non dimmable
PSU



3 000 K
4 000 K
6 500 K



80



105° to 135°
depending on
diffuser



Class I



-20°C to
+40°C



850°C



IK08



IP65



WEC



Versions
Only MDU

PHILIPS

interact
ready.



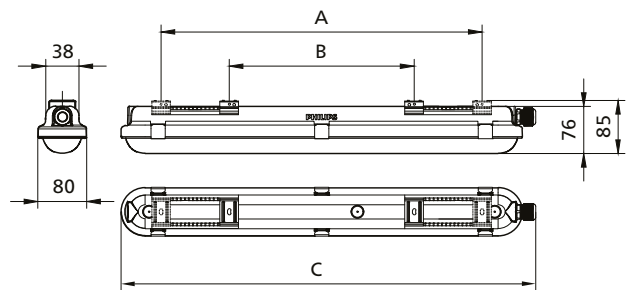
Clear diffuser



Opal diffuser

The efficient, quick-to-install waterproof LED

- Ideal direct replacement for conventional waterproof luminaires (from 18 to 58W TL-D)
- Guaranteed energy savings thanks to the quality of Philips optics, which deliver higher illuminance levels at lower power consumption (excellent luminous efficiency of up to 143 lm/W)
- Long-lasting performance (service life: up to 50,000h L85)
- Simple, flexible and fast installation: wide fixing range for brackets, stainless steel clips for easy luminaire opening, tool-free electrical connection
- Wide choice of options to meet every need:
- Versions with Opal diffuser (PCO) for enhanced lighting comfort
- Dimmable DALI 2 (PSD) and presence detector (MDU) versions for maximum energy savings
- Versions with external quick connector (WEC) and/or through-wiring (TW) for even faster installation
- Interact ready connected versions (WIA) for Bluetooth configuration, control and monitoring via an intuitive application



Dimensions in mm	A	B	C
L600	512 max	308 min	665
L1200	1062 max	538 min	1215
L1500	1362 max	838 min	1515

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Interact ready version					
Interact ready, length 1200mm, 3-phase through-wiring option (TW3)					
WT120C G2 LED40S/840 WIA L1200	4 000	26	154	4 000	105
WT120C G2 LED40S/840 WIA TW3 L1200	4 000	26	154	4 000	105
Interact ready, length 1500mm, 3-phase through-wiring option (TW3)					
WT120C G2 LED65S/840 WIA L1500	6 500	45,5	143	4 000	105
WT120C G2 LED65S/840 WIA TW3 L1500	6 500	45,5	143	4 000	105
WT120C G2 LED80S/840 WIA L1500	8 000	61	131	4 000	105
DALI 2 dimmable (PSD) and non-dimmable (PSU) version					
Length 600mm, 2x18W equivalent, non-dimmable (PSU) or with DALI dimming (PSD)					
WT120C G2 LED19S/840 PSU L600	1 900	15	127	4 000	105
Length 1200mm, equivalent 1-2x36W, non-dimmable (PSU) or with DALI dimming (PSD), option with through-wiring - 3-phase (TW3)					
WT120C G2 LED27S/840 PSU L1200	2 700	20,5	135	4 000	105
WT120C G2 LED37S/830 PSU L1200	3 700	28,5	130	3 000	105
WT120C G2 LED40S/840 PSU L1200	4 000	28,6	143	4 000	105
WT120C G2 LED40S/865 PSU L1200	4 000	28,5	140	6 500	105
WT120C G2 LED40S/840 PSU TW3 L1200	4 000	30	133	4 000	105
WT120C G2 LED40S/840 PSD L1200	4 000	30	133	4 000	105
Length 1500mm, equivalent 1-2x58W, non-dimmable (PSU) or with DALI dimming (PSD), option with through-wiring - 3-phase (TW3)					
WT120C G2 LED34S/840 PSU L1500	3 400	24,3	142	4 000	105
WT120C G2 LED55S/830 PSU L1500	5 500	43	128	3 000	105
WT120C G2 LED60S/840 PSU L1500	6 000	42,9	143	4 000	105
WT120C G2 LED60S/865 PSU L1500	6 000	43	140	6 500	105
WT120C G2 LED60S/840 PSU TW3 L1500	6 000	44	136	4 000	105
WT120C G2 LED60S/840 PSD L1500	6 000	45	133	4 000	105
Length 1500mm, equivalent 3x49W, non-dimmable (PSU) or with DALI dimming (PSD), option with through-wiring - 3-phase (TW3)					
WT120C G2 LED80S/840 PSU L1500	8 000	57,1	140	4 000	105
Versions with opal diffuser					
Version with opal diffuser (PCO), length 600mm, 2x18W equivalent, non-dimmable (PSU)					
WT120C G2 LED18S/840 PSU PCO L600	1 800	15	120	4 000	135
Version with opal diffuser (PCO), length 1200mm, 1 - 2x36W equivalent, non-dimmable (PSU)					
WT120C G2 LED25S/840 PSU PCO L1200	2 500	20,5	125	4 000	135
Version with opal diffuser (PCO), length 1500mm, 1-2x58W / 3x49W equivalent, non-dimmable (PSU)					
WT120C G2 LED31S/840 PSU PCO L1500	3 100	24,3	129	4 000	135
WT120C G2 LED57S/840 PSU PCO L1500	5 700	42,9	136	4 000	135
Version with quick connector					
Length 1500mm, 2x58W equivalent, non-dimmable (PSU), with quick connector (WEC), option with through-wiring - single phase (TW1)					
WT120C G2 LED60S/840 PSU WEC L1500	6 000	44	136	4 000	105
WT120C G2 LED60S/840 PSU TW1 WEC L1500	6 000	44	136	4 000	105
Presence sensor version					
Length 1200 mm, 1-2x36W equivalent, non-dimmable (PSU), with presence detector (MDU), option with through-wiring - 3-phase (TW3)					
WT120C G2 LED40S/840 PSU MDU L1200	4 000	30	133	4 000	105
WT120C G2 LED40S/840 PSU MDU TW3 L1200	4 000	30	133	4 000	105
Length 1500 mm, 1-2x58W equivalent, non-dimmable (PSU), with presence detector (MDU), option with through-wiring - 3-phase (TW3)					
WT120C G2 LED60S/840 PSU MDU L1500	6 000	45	133	4 000	105
WT120C G2 LED60S/840 PSU MDU TW3 L1500	6 000	45	133	4 000	105

Greenperform Waterproof Tubular WT228C/WT238C

PHILIPS

Industry



Slim and Reliable Professional Waterproof Luminaire

GreenPerform Waterproof Tubular delivers on the GreenPerform promise of innovative, high-quality luminaires. A reliable, efficient luminaire with long lifetime, GreenPerform Waterproof Tubular comes in two versions to meet various applications needs. The ammonia-resistant and sealed luminaire (PMMA) is suitable for animal lighting, livestock and food applications, while the PC version offers a modern and industrial design that is suitable for a wide range of general lighting applications. Both versions come with significant dust, water and impact protection.

Product features

Energy-saving and High Efficacy

Efficacy upto 130lm/W for energy savings.

Aesthetic Design

Sleek, modern, and elegant look and feel.

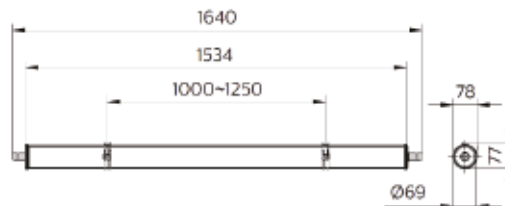
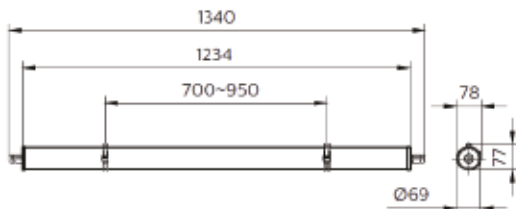
Reliable Quality

High mechanical and water ingress protection. Ammonia resistant and prevents dust accumulation

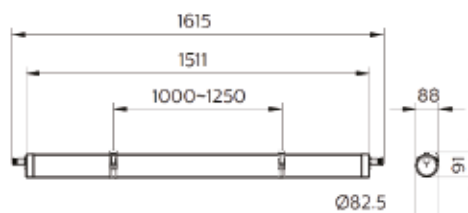
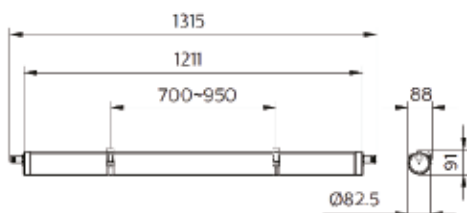
Easy Installation

The product is through-wired by default and has a push-in external connector. Fully flexible mounting with optional tilting and adjustable brackets.

WT228C (PMMA Version)



WT238C (PC Version)



Main Applications

- Animal farms
- General Industry
- Parking garages
- Food factory



Technical Parameters

Product Model	Greenperform Waterproof Tubular WT228C (PMMA Version)		
Type	LED50S	LED39S	LED70S
Length	1340mm	1640mm	1640mm
Lumen (typ.) (±10%)	5000lm	3900lm	7000lm
Power (typ.) (±10%)	39W	28W	54W
System Efficacy (typ.) (±10%)	Up to 130lm/W		
Tolerance	-10%/+10%		
CCT	4000K; 6500K	4000K; 6500K (ETO)	4000K; 6500K (ETO)
SDCM	3		
CRI	>80		
Optics	Opal		
IP Rating	IP67, IP69K		
IK Rating	IK06		
Classification	Class I		
Input Voltage	220~240V, 50/60Hz		
Power factor	> 0.9		
Flicker	Ripple current < 5%; Pst < 1; SVM < 1.6		
THD	< 20%		
Surge	2kV (L-N) / 4kV (PE-L/N)		
Operation temperature	-20°C ~ +40°C		
Lifetime	50 khrs L80B50 @25°C		
Connector interface	Through wiring ready, Terminal block push-in		
Installation	Surface & Suspension; Surface clips default included in package; Suspension kits need to be ordered separately		
Diameter	Ø69 mm		
Certification	CCC / CB / EMC / CE		

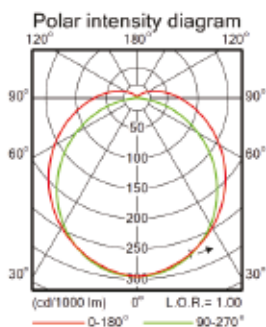
Technical Parameters

Product Model	Greenperform Waterproof Tubular WT238C (PC Version)	
Type	LED50S	LED70S
Length	1315mm	1615mm
Lumen (typ.) (±10%)	5000lm	7000lm
Power (typ.) (±10%)	39W	54W
System Efficacy (typ.)	Up to 130lm/W	
Tolerance	-10%/+10%	
CCT	4000K; 6500K	4000K; 6500K (ETO)
SDCM	3	
CRI	>80	
Optics	Opal	
IP Rating	IP68 (GM version)	
IK Rating	IK10	
Classification	Class I	
Input Voltage	220~240V, 50/60Hz	
Power factor	> 0.9	
Flicker	Ripple current < 5%;Pst < 1;SVM < 1.6	
THD	< 20%	
Surge	2kV (L-N) / 4kV (PE-L/N)	
Operation temperature	-20°C ~ +40°C	
Lifetime	50 khrs L80B50 @25°C	
Connector interface	Through wiring ready, Terminal block push-in	
Installation	Surface & Suspension;Surface clips default included in package; Suspension kits need to be ordered separately	
Diameter	Ø82.5 mm	
Certification	CCC / CB / EMC / CE	

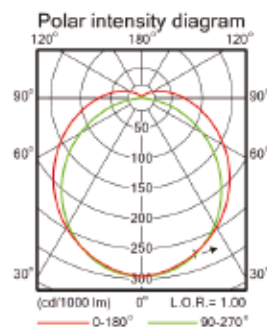
Industry

Light Distribution Curve

Greenperform Waterproof Tubular WT228C (PMMA Version)



Greenperform Waterproof Tubular WT238C (PC Version)



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Description	Color Temperature
WT238C LED50S/840 PSU L1200 TW GM	PC, 39W, 5000lm, 4000K, Fixed, L1315mm, IP68
WT238C LED50S/865 PSU L1200 TW GM	PC, 39W, 5000lm, 6500K, Fixed, L1315mm, IP68
WT238C LED70S/840 PSU L1500 TW GM	PC, 54W, 7000lm, 4000K, Fixed, L1615mm, IP68
WT228C LED50S/840 PSU L1200 TW	PMMA, 39W, 5000lm, 4000K, Fixed, L1340mm
WT228C LED50S/865 PSU L1200 TW	PMMA, 39W, 5000lm, 6500K, Fixed, L1340mm
WT228C LED70S/840 PSU L1500 TW	PMMA, 54W, 7000lm, 4000K, Fixed, L1640mm
WT228C LED39S/840 PSU L1500 TW	PMMA, 28W, 3900lm, 4000K, Fixed, L1640mm
WT210Z SW2	Suspension kits

GreenPerform Waterproof G3 WT198C

PHILIPS
interact
ready.



Industry

LED Waterproof Luminaire High Performance, Energy Efficient & Reliable

WT198C is a new generation of Philips professional waterproof luminaire. The curved design is elegant and exquisite, and the high-quality PC body realizes IP65 protection performance, which ensures the intrusion against water and dust. The cover can be opened for maintenance to extend the service life of the product. Special waterproof design prevents water vapor from entering, no respirator required. The efficiency of up to 140lm/W is matched with professional light distribution and microprism cover to achieve high-quality lighting effect while saving energy. You can also choose the connected solution, a green upgrade, to bring you a long-term stable and comfortable lighting environment.

Product features

Outstanding Performance

The system efficiency is as high as 140lm/W, and the output is as high as 8000lm Color tolerance SDCM \leq 3, glare UGR as low as 22 Long life 50,000hrs, full protection IP65, IK08. Two light distribution options: wide light-control glare and improve horizontal illumination, Lambert-improve uniformity and consistency.

Variety of Choices

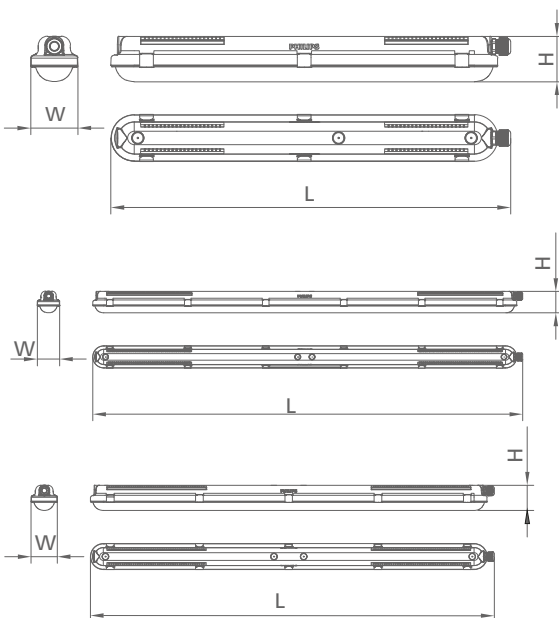
Length: L600/L1200/L1500, Output: 1800~8000lm
Microprism / frosted translucent cover

Simple Installation

Ceiling/suspension; can be connected by quick connector
Can be connected in series; Long chute adds flexibility

Easy Maintenance

The product has open-able front cover and replaceable driver.



Model	L(mm)	W(mm)	H(mm)
WT198C-L600	665	80	76
WT198C-L1200	1215	80	76
WT198C-L1500	1515	80	76

Main Applications

- Factory
- Parking Lot
- Production Line
- Warehouse
- Processing Line



Technical Parameters

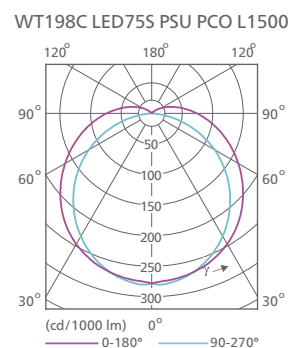
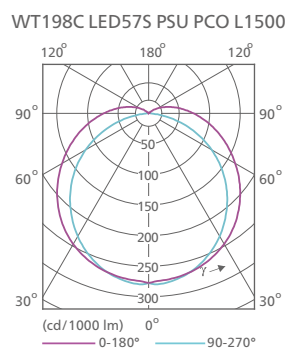
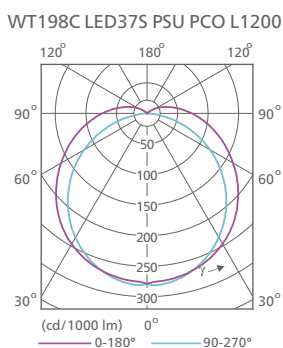
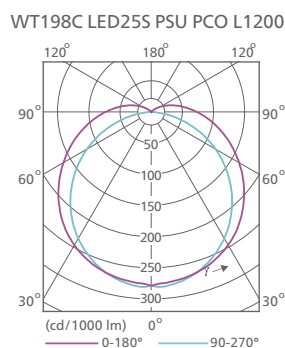
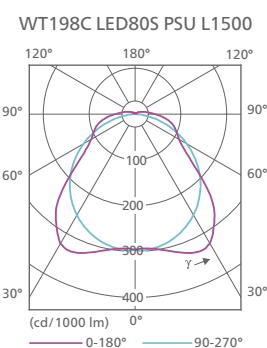
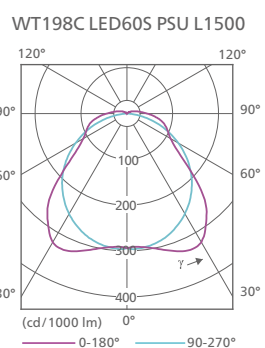
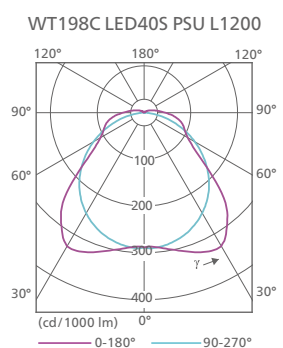
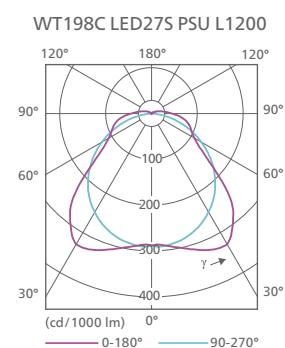
Product Model (PSU)	L600	L1200	L1500
Lumen Output ±10% (WB Version)	1900lm	2700lm	4000lm
Lumen Output ±10% (PCO Version)	1800lm	2500lm	3700lm
System Power ±10% (WB Version)	15W	21W	29W
System Efficiency ±10% (WB Version)	127lm/W	132lm/W	140lm/W
System Efficiency ±10% (PCO Version)	121lm/W	122lm/W	128lm/W
Dimension (LxWxH)	665x80x85mm	1215x80x85mm	1215x80x85mm
Light Distribution	Frosted Cover -Lambert, Microprism Cover-Wide Light		
Power Factor	>0.9		
Color Temperature	NW - 4000K; CW - 6500K (ETO)		
Color Rendering Index	>80		
Light And Color Consistency	SDCM≤3		
IP Grade	IP65		
IK Grade	IK08		
Electrical Grade	Class I		
Input Voltage	220-240V~, 50/60 Hz		
Operating Temperature	-25 to +45 °C (+50 deg on request)		
Lifetime	50,000 Hours @L70B50, Ta 25°C		
Body Material	PC/Transparent Cover: PC		
Installation Method	Ceiling, Suspension		

Technical Parameters

Product Model (PSD)	L1200		L1500	
System Output (WB Version)	2700lm	4000lm	6000lm	8000lm
System Output (PC O Version)	2500lm	3700lm	5700lm	7500lm
System Power	21W	29W	43W	57W
System Efficiency (WB Version)	132lm/W	140lm/W	140lm/W	140lm/W
System Efficiency (PC O Version)	122lm/W	128lm/W	130lm/W	133lm/W
Dimension (LxWxH)	1215 x 80 x 76mm	1215 x 80 x 76mm	1515 x 80 x 76mm	1515 x 80 x 76mm
Light Distribution	Frosted Cover- Lambert, Microprism Cover-Wide Light			
Power Factor	0.9			
Color Temperature	NW - 4000K; CW - 6500K (ETO)			
Color Rendering Index	>80			
Color Consistency	SDCM≤3			
IP	IP65			
IK	IK08			
Electrical Grade	Class I			
Input Voltage	220-240V, 50/60 Hz			
Operating Temperature	-25 to +45 °C (+50 deg on request)			
Lifetime	50,000 @ L75B50 @Ta 25°C			
Material	PC/Transparent Cover: PC			
Installation Method	Ceiling, Suspension			

Industry

Light Distribution Curve



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Length	Color Rendering	Driver	Light Distribution
WT198C LED19S/840 PSU L600	15W	1900lm	4000K	665mm	>80	Fixed Output	Wide Light
WT198C LED27S/840 PSU L1200	21W	2700lm	4000K	1215mm	>80	Fixed Output	Wide Light
WT198C LED40S/840 PSU L1200	29W	4000lm	4000K	1215mm	>80	Fixed Output	Wide Light
WT198C LED60S/840 PSU L1500	43W	6000lm	4000K	1515mm	>80	Fixed Output	Wide Light
WT198C LED80S/840 PSU L1500	57W	8000lm	4000K	1515mm	>80	Fixed Output	Wide Light
WT198C LED18S/840 PSU PCO L600	15W	1800lm	4000K	665mm	>80	Fixed Output	Lambert
WT198C LED25S/840 PSU PCO L1200	21W	2500lm	4000K	1215mm	>80	Fixed Output	Lambert
WT198C LED37S/840 PSU PCO L1200	29W	3700lm	4000K	1215mm	>80	Fixed Output	Lambert
WT198C LED57S/840 PSU PCO L1500	43W	5700lm	4000K	1515mm	>80	Fixed Output	Lambert
WT198C LED75S/840 PSU PCO L1500	57W	7500lm	4000K	1515mm	>80	Fixed Output	Lambert
WT198C LED27S/840 PSD L1200	21W	2700lm	4000K	1215mm	>80	DALI Dimming	Wide Light
WT198C LED40S/840 PSD L1200	29W	4000lm	4000K	1215mm	>80	DALI Dimming	Wide Light
WT198C LED60S/840 PSD L1500	43W	6000lm	4000K	1515mm	>80	DALI Dimming	Wide Light
WT198C LED80S/840 PSD L1500	57W	8000lm	4000K	1515mm	>80	DALI Dimming	Wide Light
WT198X LED20S/840 WIA L600	16W	2000lm	4000K	665mm	>80	WIA	Wide Light
WT198X LED28S/840 WIA L1200	20W	2800lm	4000K	1215mm	>80	WIA	Wide Light
WT198X LED40S/840 WIA L1200	30W	4000lm	4000K	1215mm	>80	WIA	Wide Light
WT198X LED60S/840 WIA L1500	45W	6000lm	4000K	1515mm	>80	WIA	Wide Light
WT198X LED82S/840 WIA L1500	60W	8200lm	4000K	1515mm	>80	WIA	Wide Light

GreenUp Waterproof G2 WT158C

PHILIPS



Industry

LED Waterproof Lamp with Upgraded Protection

Philips GreenUP Waterproof G2 WT158C Waterproof Lamp is equipped with high-level protection of IP66 and IK08, with good protection performance and the ability to satisfy the needs of harsh environments. This product series features excellent optical performance and good light-emitting uniformity, with a luminous efficacy of up to 120lm/W, and a service life of up to 50,000 hours. This series is available in three lengths: 600/1200/1500mm, three outputs: 1800/3600/5600lm, and two color temperatures: 4000/6500K. With a slim and elegant design, this product is easy to install and can be connected in series through connecting cables.

Product features

Excellent optical performance

With a luminous efficacy of up to 120lm/W, and good light-emitting uniformity

Comprehensive selection

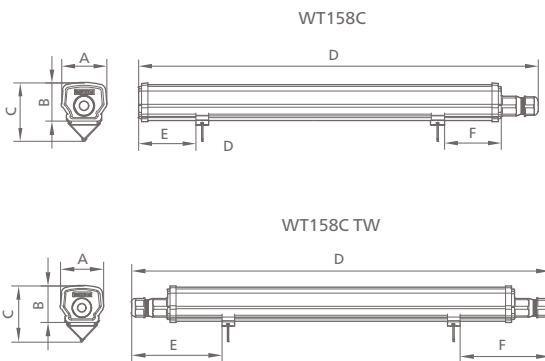
Three lengths L600mm/L1200mm/L1500mm available
 Three outputs 1800lm/3600lm/5600lm available
 Two color temperatures 4000K/6500K available

Easy installation

Slim profile design
 Quick connectors used, no tools are required for connection

Long-lasting protection

With a service life of up to 50,000 L70
 With a protection level of up to IP66 and IK08, perfectly satisfying the harsh industrial requirements



Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)
WT158C L600	69	59	90	611	100-150	100-150
WT158C L1200	69	59	90	1201	200-250	200-250
WT158C L1500	69	59	90	1501	100-150	100-150
WT158C TW L600	69	59	90	668	130-180	130-180
WT158C TW L1200	69	59	90	1258	230-280	230-280
WT158C TW L1500	69	59	90	1558	180-280	180-280

Main Applications

- Factories
- Garages
- Production lines
- Warehouses
- Public area
- Food processing

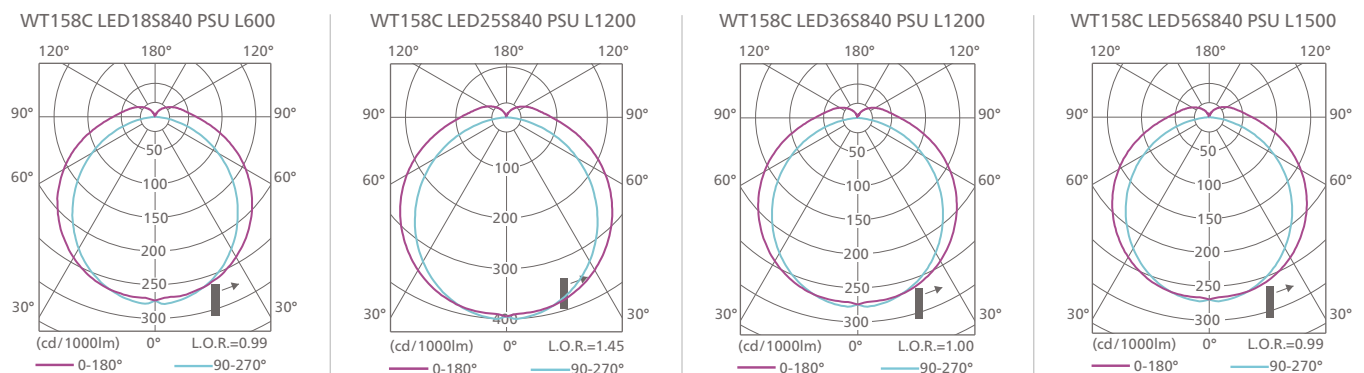


Industry

Technical Parameters

Product model	L600	L1200	L1500
System output	1800lm	2500lm	3600lm
System power	15W	20W	30W
System efficiency	120lm/W	125lm/W	120lm/W
Dimension (LxWxH)	611x69x90mm	1201x69x90mm	1501x69x90mm
Power factor	>0.9		
Color temperature	NW-4000K/CW-6500K (ETO)		
Color rendering index (CRI)	>80		
Color tolerance	SDCM ≤ 5		
IP grade	IP66		
IK grade	IK08		
Safety class	Class II		
Input voltage	220-240V, 50/60 Hz		
Operating temperature	-20 ~ 45°C		
Life	50,000 hours @L75B50 @Ta 25°C		
Material	Body: PC/transparent cover: PC		
Installation method	Surface-mount, suspension		

Light distribution curve



Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power	Lumen output	Color temperature	Driver	Wiring mode
WT158C LED25S/840 PSU TW1 L1200 GM	20W	2500lm	4000K	Fixed output	Serial connection (10 pieces at maximum)
WT158C LED56S/865 PSU TW1 L1500 GM	46W	5600lm	6500K	Fixed output	Serial connection (10 pieces at maximum)
WT158C LED36S/865 PSU TW1 L1200 GM	30W	3600lm	6500K	Fixed output	Serial connection (10 pieces at maximum)
WT158C LED18S/865 PSU TW1 L600 GM	15W	1800lm	6500K	Fixed output	Serial connection (10 pieces at maximum)
WT158C LED56S/840 PSU TW1 L1500 GM	46W	5600lm	4000K	Fixed output	Serial connection (10 pieces at maximum)
WT158C LED36S/840 PSU TW1 L1200 GM	30W	3600lm	4000K	Fixed output	Serial connection (10 pieces at maximum)
WT158C LED18S/840 PSU TW1 L600 GM	15W	1800lm	4000K	Fixed output	Serial connection (10 pieces at maximum)
WT158C LED18S/840 PSU L600 GM	15W	1800lm	4000K	Fixed output	Not serial connection
WT158C LED18S/865 PSU L600 GM	15W	1800lm	6500K	Fixed output	Not serial connection
WT158C LED25S/840 PSU L1200 GM	20W	2500lm	4000K	Fixed output	Not serial connection
WT158C LED36S/865 PSU L1200 GM	30W	3600lm	6500K	Fixed output	Not serial connection
WT158C LED36S/840 PSU L1200 GM	30W	3600lm	4000K	Fixed output	Not serial connection
WT158C LED56S/865 PSU L1500 GM	46W	5600lm	6500K	Fixed output	Not serial connection
WT158C LED56S/840 PSU L1500 GM	46W	5600lm	4000K	Fixed output	Not serial connection



Functional Battens Trunking

Compare the features of our selection of functional linear battens and trunking, from the simplest to the most advanced solution.

Industry



Portfolio Summary

CoreLine Industrial Trunking gen2 LL217X/LL234X



- 4 optics available: narrow (NB), medium (MB), wide (W) and very wide (VWB)
- 6 different fluxes
- Excellent luminous efficiency
- No visible streaks or iridescence of light
- EU origin version available

CoreLine Batten gen3+ BN126C



- Competitive alternative to waterproof LEDs when IP65 is not required
- Easy, tool-free installation (through-wiring by default)
- Easy creation of aesthetic, continuous light lines of up to 10 strips
- Visual comfort thanks to frosted diffuser

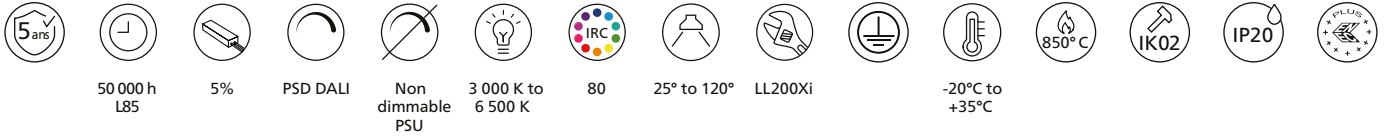
GreenPerform G3 BN398C



- Three length options with high lumen output and slim profile design.
- Comprehensive range with multiple lumen packages and light distribution.
- Dali and indirect smart control options.
- It can be installed independently or continuously. Continuous installation without dark area.

Applications	System flux	System efficiency	Service life	Connectivity	Standard warranty
Ideal to replace industrial reflectors 2 x 49W / 58W	from 4500 to 24000 lm	Upto 172 lm/W	50 000h L85	No	5 years
Ideal for 1-to-1 replacement of 18, 36 and 58W fluorescent tube strips	from 2000 to 10 000 lm	Upto 137 lm/W	50 000h L85	Interact ready versions only without sensor	5 years
Back of House Area Lighting Cove Lighting Ideal for 1-to-1 replacement of 18, 36 and 58W fluorescent tube strips	from 2000 to 9000lm	Upto 140lm/W	50,000 Hours @L70B50	Interact ready version only without sensor	5 years

CoreLine Industrial Trunking gen2 LL217X BV/ LL234X BV

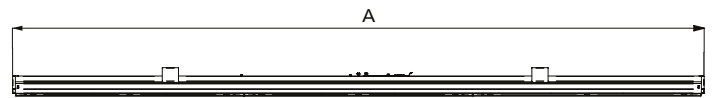


PHILIPS



The high-performance industrial LED trunking

- Wide choice of 6 different fluxes from 4,500 to 24,000 lm
- Ideal to replace industrial reflectors 2 x 49W / 58W
- High luminous efficiency: up to 172 lm/W
- Right light for Retail, Right light for Industry



Version LL217X & LL234X

Dimensions in mm	A
LL217X BV	1700
LL234X BV	3400

Industry

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Length 1714 mm, 8000lm, DALI dimmable (PSD), 4000K, wide beam (WB)					
LL217X 80S/840 1x PSD BV WB	8 000	50	160	4 000	84x84
Length 1714 mm, 8000lm, non-dimmable (PSD), 4000K, narrow (NB) or wide beam (WB)					
LL217X 80S/840 1x PSU BV NB	8 000	51	157	4 000	35x71
LL217X 80S/840 1x PSU BV WB	8 000	51	157	4 000	84x84
Length 3414 mm, 16000lm, non-dimmable (PSD), 4000K, narrow (NB) or wide beam (WB)					
LL234X 160S/840 2x PSU BV WB	16 000	102	157	4 000	84x84
LL234X 160S/840 2x PSU BV NB	16 000	102	157	4 000	35x71

CoreLine Industrial Trunking gen2 Accessories



Steel wire, 1250mm

LL200Z SW2-1250

Steel wire, 3000mm

LL200Z SW2-3000

Steel wire, 5000mm

LL200Z SW2-5000



Bracket for direct ceiling mounting

LL200Z SMB WH (5PCS)

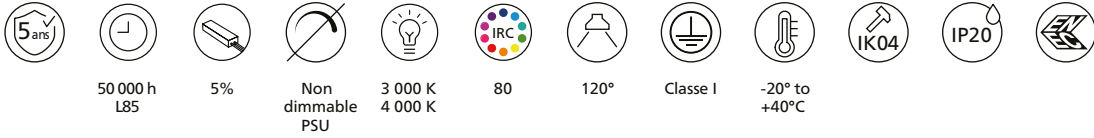
Suspension bracket

LL200Z MB-SW WH (2PCS)

Industry



CoreLine Batten gen3 + BN126C



PHILIPS
interact
ready.



The efficient, easy-to-install LED batten

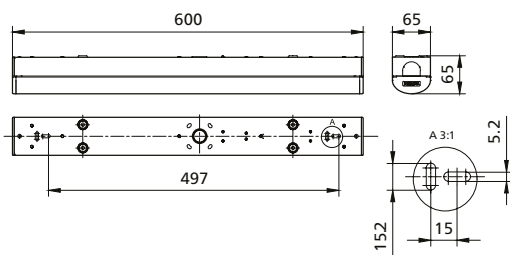
- True equivalent in length and flux to conventional battens
- Competitive alternative to waterproof LEDs when IP65 is not required
- Easy, tool-free installation (through-wiring by default)
- Easy creation of aesthetic, continuous light lines of up to 10 battens
- Visual comfort thanks to frosted diffuser
- Interact ready connected version available



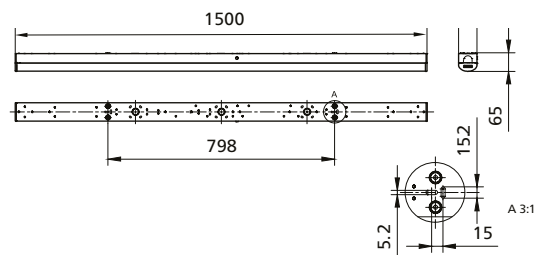
Tool-free luminaire opening for easy installation



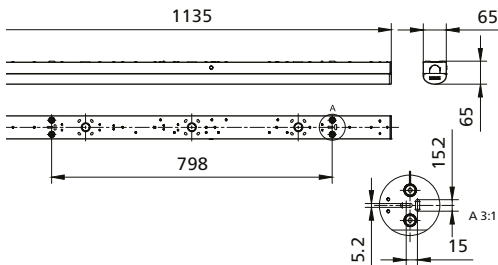
Easy, tool-free creation of light lines



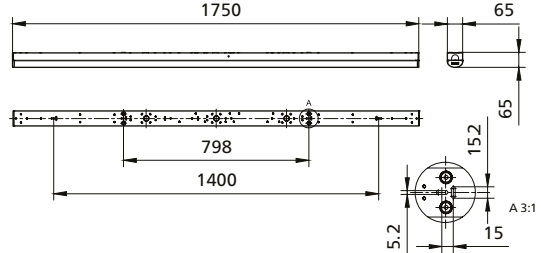
Version 600 mm



Version 1500 mm



Version 1200 mm



Version 1800 mm

Dimensions in mm

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Interact ready version					
Length 1200mm, Interact ready (WIA)					
BN126C LED41S/840 WIA L1200	4 100	34	121	4 000	120
BN126C LED60S/830 WIA L1200	6 000	54	111	3 000	120
BN126C LED64S/840 WIA L1200	6 400	54	119	4 000	120
Length 1500mm, Interact ready (WIA)					
BN126C LED52S/840 WIA L1500	5 200	37	141	4 000	120
BN126C LED74S/830 WIA L1500	7 400	64	116	3 000	120
BN126C LED80S/840 WIA L1500	8 000	64	125	4 000	120
Non-dimmable version (PSU)					
Length 600mm, non-dimmable (PSU), with through-wiring					
BN126C LED20S/830 PSU L600	2 000	17	118	3 000	120
BN126C LED22S/840 PSU L600	2 200	17	129	4 000	120
Length 1200mm, non-dimmable (PSU), with through-wiring					
BN126C LED38S/830 PSU L1200	3 800	31	123	3 000	120
BN126C LED41S/840 PSU L1200	4 100	31	132	4 000	120
BN126C LED64S/840 PSU L1200	6 400	49	131	4 000	120
Length 1500mm, non-dimmable (PSU), with through-wiring					
BN126C LED32S/830 PSU L1500	3 200	25.5	125	3 000	120
BN126C LED35S/840 PSU L1500	3 500	25.5	137	4 000	120
BN126C LED48S/830 PSU L1500	4 800	40	120	3 000	120
BN126C LED52S/840 PSU L1500	5 200	40	130	4 000	120
BN126C LED80S/840 PSU L1500	8 000	59	136	4 000	120
Length 1800mm, non-dimmable (PSU), with through-wiring					
BN126C LED64S/840 PSU L1800	6 400	49	131	4 000	120
BN126C LED100S/840 PSU L1800	10 000	75	133	4 000	120



GreenPerform G3 BN398C

PHILIPS

interact
ready.



Industry

High Lumen with Integrated Sensor Option LED Batten Luminaire

Philips GreenPerform third-generation Batten luminaires BN398C has an outstanding optical design with an efficiency of up to 140lm/W and a variety of light distributions to meet different application needs. It has a number of smart interconnection options, easy and flexible installation and is reliable and durable.

Product features

Simple and Elegant Design

Three length options with high lumen output and slim profile design.

Comprehensive Range

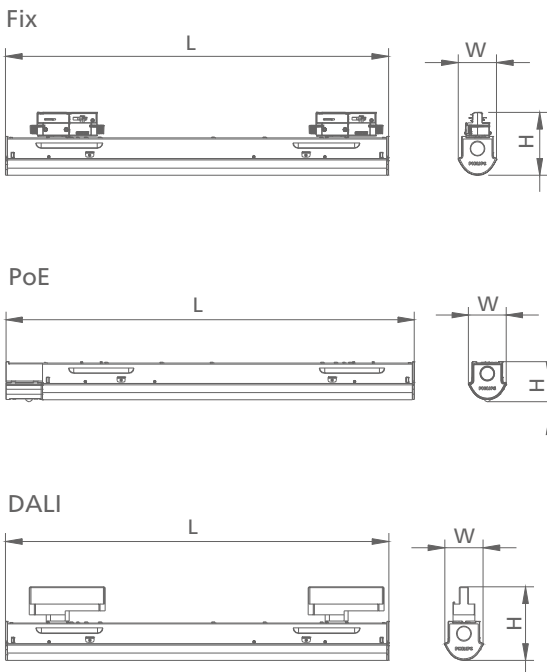
Comprehensive range with multiple lumen packages and light distribution . Dali and indirect smart control options.

Energy-Efficient

The efficiency of the system reaches 140lm/W
High color rendering means CRI > 80/90 (ETO)
SDCM < 4

Continuous Installation Option

It can be installed independently or continuously. Continuous installation without dark area. Two end cover designs meet the design requirements.



Model	L(mm)	W(mm)	H(mm)
PoE L600	626	58	62
PoE L1200	1188	58	62
DALI L600	573	58	110
DALI L1200	1135	58	110
Fix L600	573	58	94
Fix L1200	1135	58	94

Main Applications

- Back of House Area Lighting
- Cove Lighting
- Production Line
- Warehousing Logistics
- Public Area
- Shopping Center



Industry

Technical Parameters

Product Model	8700lm			6900lm			4000lm			2000lm		
System Power (W)	61	68	68	49	55	55	29	29	29	14.2	15.5	15.5
System Output (lm)	8700	9000	9000	6900	7200	7200	4000	4000	4000	2000	2000	2000
System efficiency (lm/W)	143	132	132	141	131	131	141	141	141	144	132	132
Length(mm)	L1500			L1200			L1200			L600		
Light Distribution	Opal	DA	WB	Opal	DA	WB	Opal	DA	WB	Opal	DA	WB
Power Factor	0.9											
Color Temperature	CW (6500K); NW (4000K)											
Color Rendering Index	>80											
Color Tolerance	SDCM≤5											
IP Protection	IP20											
Electrical Grade	Class I											
Input Voltage	220-240V, 50/60 Hz											
Lifetime	50,000 Hours @L70B50											
Material	Shell: 0.6 mm Cold Rolled Steel Plate/Transparent Cover: PMMA											
Installation Method	Ceiling; Suspension; Guide Rail											

Naming Rule

BN398C LED40/NW L1200 PSU OP (TC)



3: Length
L600 – 573/626mm
L1200 – 1135/1188mm
L1500 – 1416mm

4: Driver
PSU -Fixed Output
PSD -DALI Dimming
POE - Power Over Ethernet
WIA - Wireless Interact Pro

5: Light Distribution
OP -Lambert (Matt)
WB -Wide light (Clear)
DA -Batwing (Clear)

1: System Output
LED20 – 2000lm
LED40 – 4000lm
LED62 – 6000lm
LED69 – 6900lm
LED87 – 8700lm

2: Color Temperature
NW - 4000K
CW - 6500K

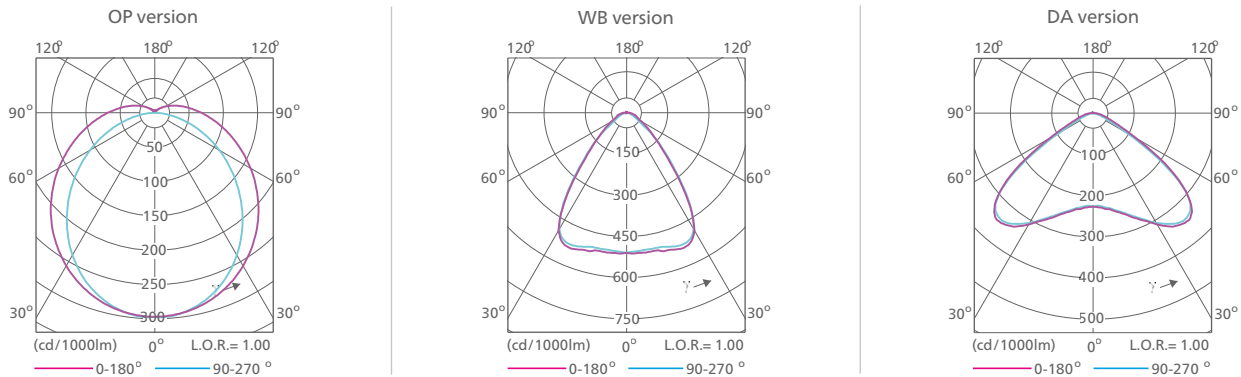
6: Installation Method
Ceiling/Suspension (Accessories require additional purchase) TC Guide Rail (With RCS170 & BY398Z DALI Guide Rail)

Technical Parameters

Product Model (BN398C Dimming Version)	8700lm		6900lm		4000lm		2000lm	
	Dali	POE	Dali	POE	Dali	POE	Dali	POE
Control Mode	Dali	POE	Dali	POE	Dali	POE	Dali	POE
System Power±10%(W)	61	N/A	49	45	30	30	14.5	15
System Output±10%(lm)	8700	N/A	6900	6000	4000	4000	2000	2000
System Efficiency±10%(lm/W)	143	N/A	141	133	137	137	141	137
Length (mm)	L1500		L1200		L1200		L600	
Light Distribution	Opal	Opal	Opal	Opal	Opal	Opal	Opal	Opal
Power Factor	0.9							
Color Temperature	CW (6500K); NW (4000K)							
Color Rendering Index	>80							
Light And Color Consistency	SDCM≤5							
IP Grade	IP20							
Electrical Grade	Class I							
Input Voltage	220-240V~, 50/60 Hz							
Lifetime	50,000hours@L70B50, ta35°C							
Material	Body: 0.6mm Cold Rolled Steel Plate/Transparent Cover: PMMA							
Installation Method	Ceiling; Suspension; Guide Rail							

Industry

Light Distribution Curve



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Lumen Output	Color Temperature	Drive	Light Distribution	Installation Method
BN398C LED40/CW L1200 PSU OP TC	4000lm	6500K	Fixed Output	OP (matt)	With RCS170 Guide Rail
BN398C LED40/NW L1200 PSU OP TC	4000lm	4000K	Fixed Output	OP (matt)	With RCS170 Guide Rail
BN398C LED40/CW L1200 PSU OP	4000lm	6500K	Fixed Output	OP (matt)	Ceiling/Suspension
BN398C LED40/NW L1200 PSU OP	4000lm	4000K	Fixed Output	OP (matt)	Ceiling/Suspension
BN398C LED20/NW L600 PSU OP	2000lm	4000K	Fixed Output	OP (matt)	Ceiling/Suspension
BN398C LED20/CW L600 PSU OP	2000lm	6500K	Fixed Output	OP (matt)	Ceiling/Suspension
BN398C LED69/NW L1200 PSU OP	6900lm	4000K	Fixed Output	OP (matt)	Ceiling/Suspension
BN398C LED69/CW L1200 PSU OP	6900lm	6500K	Fixed Output	OP (matt)	Ceiling/Suspension
BN398C LED87/NW L1500 PSU OP	8700lm	4000K	Fixed Output	OP (matt)	Ceiling/Suspension
BN398C LED87/CW L1500 PSU OP	8700lm	6500K	Fixed Output	OP (matt)	Ceiling/Suspension
BN398C LED20/NW L600 PSD OP	2000lm	4000K	DALI Dimming	OP (matt)	Ceiling/Suspension
BN398C LED20/CW L600 PSD OP	2000lm	6500K	DALI Dimming	OP (matt)	Ceiling/Suspension

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Lumen Output	Color Temperature	Drive	Light Distribution	Installation Method
BN398C LED40/NW L1200 PSD OP	4000lm	4000K	DALI Dimming	OP (matt)	Ceiling/Suspension
BN398C LED40/CW L1200 PSD OP	4000lm	6500K	DALI Dimming	OP (matt)	Ceiling/Suspension
BN398C LED69/NW L1200 PSD OP	6900lm	4000K	DALI Dimming	OP (matt)	Ceiling/Suspension
BN398C LED69/CW L1200 PSD OP	6900lm	6500K	DALI Dimming	OP (matt)	Ceiling/Suspension
BN398C LED87/NW L1500 PSD OP	8700lm	4000K	DALI Dimming	OP (matt)	Ceiling/Suspension
BN398C LED87/CW L1500 PSD OP	8700lm	6500K	DALI Dimming	OP (matt)	Ceiling/Suspension
BN398C LED20/NW L600 PSU DA	2000lm	4000K	Fixed Output	DA (clear)	Ceiling/Suspension
BN398C LED20/CW L600 PSU DA	2000lm	6500K	Fixed Output	DA (clear)	Ceiling/Suspension
BN398C LED40/NW L1200 PSU DA	4000lm	4000K	Fixed Output	DA (clear)	Ceiling/Suspension
BN398C LED40/CW L1200 PSU DA	4000lm	6500K	Fixed Output	DA (clear)	Ceiling/Suspension
BN398C LED69/NW L1200 PSU DA	7200lm	4000K	Fixed Output	DA (clear)	Ceiling/Suspension
BN398C LED69/CW L1200 PSU DA	7200lm	6500K	Fixed Output	DA (clear)	Ceiling/Suspension
BN398C LED87/NW L1500 PSU DA	9000lm	4000K	Fixed Output	DA (clear)	Ceiling/Suspension
BN398C LED87/CW L1500 PSU DA	9000lm	6500K	Fixed Output	DA (clear)	Ceiling/Suspension
BN398C LED20/NW L600 PSU WB	2000lm	4000K	Fixed Output	WB (clear)	Ceiling/Suspension
BN398C LED20/CW L600 PSU WB	2000lm	6500K	Fixed Output	WB (clear)	Ceiling/Suspension
BN398C LED40/NW L1200 PSU WB	4000lm	4000K	Fixed Output	WB (clear)	Ceiling/Suspension
BN398C LED40/CW L1200 PSU WB	4000lm	6500K	Fixed Output	WB (clear)	Ceiling/Suspension
BN398C LED69/NW L1200 PSU WB	7200lm	4000K	Fixed Output	WB (clear)	Ceiling/Suspension
BN398C LED69/CW L1200 PSU WB	7200lm	6500K	Fixed Output	WB (clear)	Ceiling/Suspension
BN398C LED87/NW L1500 PSU WB	9000lm	4000K	Fixed Output	WB (clear)	Ceiling/Suspension
BN398C LED87/CW L1500 PSU WB	9000lm	6500K	Fixed Output	WB (clear)	Ceiling/Suspension
BN398C LED20/NW L600 POE OP	2000lm	4000K	PoE	OP (matt)	Ceiling/Suspension
BN398C LED20/CW L600 POE OP	2000lm	6500K	PoE	OP (matt)	Ceiling/Suspension
BN398C LED40/NW L1200 POE OP	4000lm	4000K	PoE	OP (matt)	Ceiling/Suspension
BN398C LED40/CW L1200 POE OP	4000lm	6500K	PoE	OP (matt)	Ceiling/Suspension
BN398C LED62/NW L1200 POE OP	6000lm	4000K	PoE	OP (matt)	Ceiling/Suspension
BN398C LED62/CW L1200 POE OP	6000lm	6500K	PoE	OP (matt)	Ceiling/Suspension
BN398C LED20/NW L600 PSU OP TC	2000lm	4000K	Fixed Output	OP (matt)	With RCS170 Guide Rail
BN398C LED20/CW L600 PSU OP TC	2000lm	6500K	Fixed Output	OP (matt)	With RCS170 Guide Rail
BN398C LED20/NW L600 PSD OP TC	2000lm	4000K	DALI Dimming	OP (matt)	With DAL I Guide Rail
BN398C LED20/CW L600 PSD OP TC	2000lm	6500K	DALI Dimming	OP (matt)	With DAL I Guide Rail
BN398C LED40/NW L1200 PSD OP TC	4000lm	4000K	DALI Dimming	OP (matt)	With DAL I Guide Rail
BN398C LED40/CW L1200 PSD OP TC	4000lm	6500K	DALI Dimming	OP (matt)	With DAL I Guide Rail
BN398C LED20/NW L600 PSU DA TC	2000lm	4000K	Fixed Output	DA (clear)	With RCS170 Guide Rail
BN398C LED20/CW L600 PSU DA TC	2000lm	6500K	Fixed Output	DA (clear)	With RCS170 Guide Rail
BN398C LED40/NW L1200 PSU DA TC	4000lm	4000K	Fixed Output	DA (clear)	With RCS170 Guide Rail
BN398C LED40/CW L1200 PSU DA TC	4000lm	6500K	Fixed Output	DA (clear)	With RCS170 Guide Rail
BN398C LED20/NW L600 PSU WB TC	2000lm	4000K	Fixed Output	DA (clear)	With RCS170 Guide Rail
BN398C LED20/CW L600 PSU WB TC	2000lm	6500K	Fixed Output	WB (clear)	With RCS170 Guide Rail
BN398C LED40/NW L1200 PSU WB TC	4000lm	4000K	Fixed Output	WB (clear)	With RCS170 Guide Rail
BN398C LED40/CW L1200 PSU WB TC	4000lm	6500K	Fixed Output	WB (clear)	With RCS170 Guide Rail

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Lumen Output	Color Temperature	Drive	Light Distribution	Installation Method
BN398X LED69/840 L1200 WIA OP	6900lm	4000K	WIA	OP(matt)	Ceiling/Suspension
BN398X LED20/840 L600 WIA OP	2000lm	4000K	WIA	OP(matt)	Ceiling/Suspension
BN398X LED70/840 L1500 WIA OP	7000lm	4000K	WIA	OP(matt)	Ceiling/Suspension
BN398X LED72/840 L1200 WIA WB	7200lm	4000K	WIA	WB(clear)	Ceiling/Suspension
BN398X LED20/840 L600 WIA WB	2100lm	4000K	WIA	WB(clear)	Ceiling/Suspension
BN398X LED70/840 L1500 WIA WB	7100lm	4000K	WIA	WB(clear)	Ceiling/Suspension

Accessories & Guide Rail Model	Installation Method
BY398Z CM-S	Ceiling Mounting Bracket (Symmetrical)
BY398Z SPM-S	Suspension Mounting Bracket (Symmetrical)
RCS170 1C L1000 WH	1m Switch Guide Rail
RCS170 1C L2000 WH	2m Switch Type Guide Rail
DALI TC L1000 WH	1m DALI Dimming Guide Rail
PRO-D631 L	DALI Guide Rail Left Section
PRO-0432	DALI Guide Rail End Cover
PRO-D634	DALI Guide Rail Middle Section Connector
BY208Z SP	Suspension Rod Mounting Bracket



Cleanroom

Compare the features of our selection of cleanroom recessed fixtures, classified from the simplest to the most advanced solution.

Industry



Portfolio Summary

Recessed Cleanroom CR350B



- ISO 3-9 certified (in accordance with ISO14644-1)
- High efficiency
- Durability (long life, replaceable drivers and LED modules)
- Uniform light distribution for high comfort UGR 19
- Full IP65 waterproof design and smooth surface for efficient cleaning
- EU origin version available.

Cleanroom recessed CR250B/CR150B



- IP54 (CR150B) or IP65 (CR250B) waterproof design
- Glass or methacrylate closure to suit all applications
- Ceiling-mounting accessory available

GreenPerform Cleanroom Panel CR500C



- The front of the lamp is IP54 / the whole luminaire is IP40 protection grade
- Designed "slide-in" mounting structure for easy installation and maintenance
- Four different sizes are available.

GreenPerform Teardrop CR388C



- Very light weight design.
- The yellow light selection option to meet the special application requirements

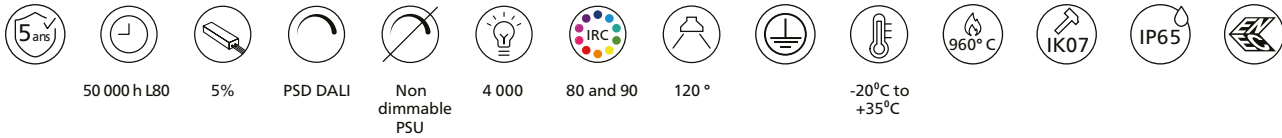
GreenPerform Hygeia CR488B/CR488C



- Streamline design greatly reduces air turbulence and dust Accumulation
- The product adopts smooth appearance design, which can effectively prevent air turbulence and dust accumulation.
- The yellow light selection option to meet the special application requirements

Applications	System flux	System efficiency	Service Life	CRI	Visual comfort	Luminance	Flicker	Photobio. risk	Dimensions	Connectivity	Standard Warranty
Any cleanroom application where hygiene is of crucial importance (industrial kitchens, operating theatres, laboratories, industrial processes, etc.)	Upto 6 000 lm	110 lm/W	50 000h L80	CRI 80 CRI 90	UGR 19	<3000 cd/m ²	Strobe effect SVM ≤ 0.4 Flicker PstLM ≤ 1	RG0	600x600 mm 300x1200 mm	No	5 Years
Any cleanroom application where hygiene is of crucial importance (industrial kitchens, healthcare, laboratories, industrial processes, etc.)	Upto 5 500 lm	90 lm/W	50 000h L70	CRI 80	UGR 22 UGR 19	>3000 cd/m ²	Strobe effect SVM ≤ 0.4 Flicker PstLM ≤ 1	RG0	600x600 mm 300x1200 mm	No	5 Years
Industries Pharmaceutical Industry Healthcare Food Production	Upto 6000 lm	100 lm/W (120 lm/W on request)	50,000 Hours L70B50	CRI >80	UGR 22	<3000 cd/m ²	Without Flicker	RG0	600x260x13mm 1190x260x13mm 600x600x13mm 1200x600x13mm	No	5 Years
Industries Chip Manufacturing Semiconductor Assembly Food Processing Liquid Filling	2000lm to 4500lm	Upto 125 lm/W	50,000 Hours @L70B50	CRI >80	UGR ≥ 22	N/A	Without Flicker	RG0	1200x84x45 mm	No	5 Years
Semiconductor Assembly Food Processing Liquid Filling Pharmaceutical Industry Healthcare	Upto 7500lm	Upto 119 lm/W	50,000 Hours @L70B50	CRI >80	UGR ≥ 22	N/A	Without Flicker	RG0	CR488C: 1200x125x92 mm CR488B: 597x597x68mm, 1197x297x68mm	No	5 Years

Recessed Cleanroom CR350B



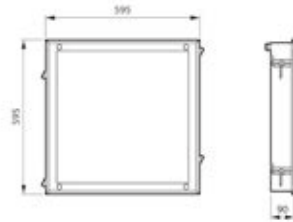
PHILIPS

Philips cleanroom CR350B is a great choice

- Uniform light distribution for maximum comfort UGR19
- A high ingress protection rating (IP65)
- Ease of cleaning
- Longer life : 50 000h L80
- Made of lacquered sheet steel and clear tempered glass cover
- Luminaires are expertly crafted to meet the quality of light requirements in Healthcare and industrial workplaces
- Suitable for ISO-certified cleanrooms



Rectangular version



CR350 square



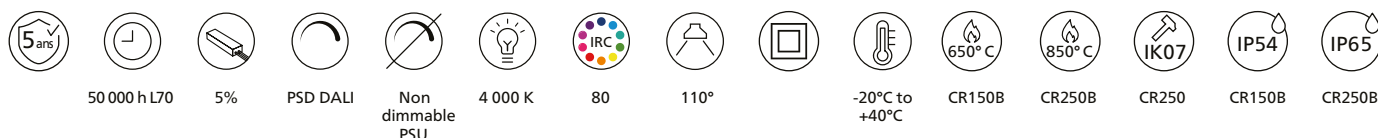
CR350 rectangular

Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Square recessed luminaire, glass cover, CRI 80, dimmable Dali (PSD)					
CR350B LED40S/840 PSD W60L60	4 000	37	108	4 000	80 x 80
CR350B LED60S/840 PSD W60L60	6 000	55	109	4 000	80 x 80
Square recessed, glass cover, CRI 90, non-dimmable (PSU)					
CR350B LED40S/940 PSU W60L60	4 000	41	98	4 000	80 x 80
CR350B LED60S/940 PSU W60L60	6 000	60	100	4 000	80 x 80
Square recessed, glass cover, CRI 90, dimmable (PSD)					
CR350B LED40S/940 PSD W60L60	4 000	41	98	4 000	80 x 80
CR350B LED60S/940 PSD W60L60	6 000	60	100	4 000	80 x 80
Rectangular recessed, glass cover, CRI 90, non-dimmable (PSU)					
CR350B LED40S/940 PSU W30L120	4 000	41	98	4 000	80 x 80
CR350B LED60S/940 PSU W30L120	6 000	60	100	4 000	80 x 80
Rectangular recessed, glass cover, CRI 80, dimmable Dali (PSD)					
CR350B LED40S/840 PSD W30L120	4 000	37	108	4 000	80 x 80
CR350B LED60S/840 PSD W30L120	6 000	55	109	4 000	80 x 80
Rectangular recessed, glass cover, CRI 90, dimmable Dali (PSD)					
CR350B LED40S/940 PSD W30L120	4 000	41	98	4 000	80 x 80
CR350B LED60S/940 PSD W30L120	6 000	60	100	4 000	80 x 80
Ceiling mounting					
CR350Z SMB W30L120					
CR350Z SMB W60L60					

Cleanroom recessed CR250B/CR150B



PHILIPS

A simple, recessed-mounted solution for clean room environments

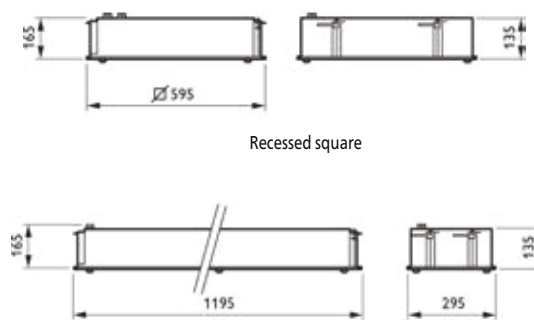
- Ideal for all cleanrooms: industrial kitchens, health care, laboratories, industrial processes, etc.
- Glass or methacrylate closure to suit all applications
- Ceiling-mounting accessory available



Rectangular version



View of recessed square



Recessed square

Recessed rectangular

Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation

CR250B LED35S/840 PSD W60L60 IP65 OC
 CR250B LED35S/840 PSU W60L60 IP65 OC

CR250B LED35S/840 PSU W60L60 IP65
 CR250B LED55S/840 PSU W60L60 IP65

CR150B LED35S/840 PSU W60L60 IP54
 CR150B LED35S/840 PSD W60L60 IP54

Safety accessory
 CR250Z/350Z SC

CR250Z SMB W60L60
 CR250Z SMB W30L120

CR150Z SMB W60L60
 CR150Z SMB W30L120

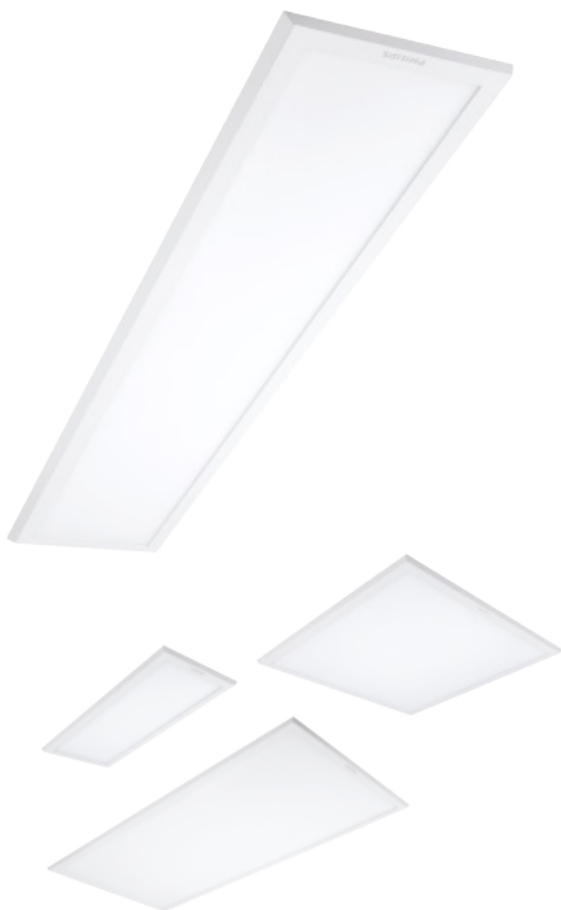
Accessories for flush-mounting in plaster ceiling for CR150B
 CR150Z SMB-PLC (6 pieces)

System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
3 500	40	88	4 000	110
3 500	40	88	4 000	110
3 500	40	88	4 000	110
5 500	63	87	4 000	110
3 500	40	88	4 000	110
3 500	40	88	4 000	110

Industry

GreenPerform Cleanroom Panel CR500C

PHILIPS



LED Clean Room Luminaire New Generation Ceiling Type

The newly designed high-performance clean room luminaire adopts the design of inclined luminaire body frame, the luminous surface is uniform and soft, the glare control is good, P54 (light source cavity)/IP40 (whole luminaire) protection grade, a variety of specifications, high performance, specially designed "slide-in" ceiling installation mode, easy to install and maintain, suitable for pharmaceutical, hospital and food processing and other clean room lighting applications.

Product features

Professional Design

Inclined luminaire frame design reduces air resistance and prevents dust accumulation. The front of the lamp is IP54 / the whole luminaire is IP40 protection grade, which effectively prevents dust intrusion. Specially designed "slide-in" mounting structure for easy installation and maintenance

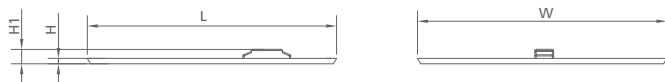
Energy-Efficient

The light efficiency of the system reaches 100lm/W (120lm/W customizable)

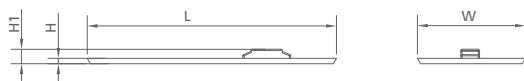
Multiple Sizes

Four different sizes are available: 260x190mm, 260x600mm, 600x600mm and 600x1200mm

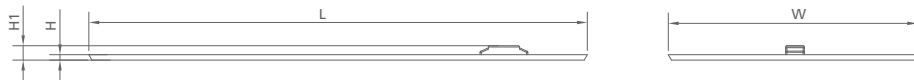
CR500C LED25 W60L60 PSU
CR500C LED40 W60L60 PSU



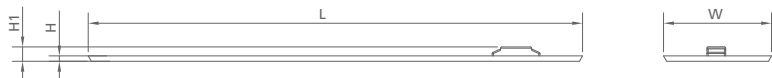
CR500C LED25 W26L60 PSU



CR500C LED60 W60L120 PSU



CR500C LED40 W26L119 PSU



Model	L(mm)	W(mm)	H(mm)	H1(mm)
CR500C LED60 W60L120 PSU	1200	600	13	38
CR500C LED40 W26L119 PSU	1190	260	13	38
CR500C LED25 W60L60 PSU	600	600	13	38
CR500C LED40 W60L60 PSU	600	600	13	38
CR500C LED25 W26L60 PSU	600	260	13	38

Main Applications

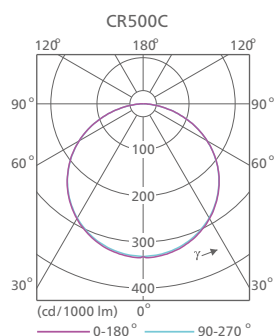
- Industries
- Pharmaceutical Industry
- Healthcare
- Food Production
- Supermarket
- Restaurants



Technical Parameters

Product Model	W26L60	W26L119	W60L60		W60L120
Lumen Output (Typical Value)	2500lm	4000lm	2500lm	4000lm	6000lm
System Power (Typical Value)	25W	40W	25W	40W	60W
Tolerance range	-10%/+10%				
System Light Efficiency (Typical Value)	100lm/W (120lm/W on request)				
Color Temperature (Typical Value)	3000K/4000K/6500K				
Color Rendering Index	>80				
Color Tolerance	SDCM<5				
IP Grade	IP54 (Front), IP40 (Whole luminaire)				
Electrical Protection Level	Class II				
Applicable Temperature	-20°C ~ +45°C (Ta35°C)				
Service Life	50,000 Hours L70B50 @35°C				
Light Distribution Selection	Lambert Wide Light Distribution				
Input Voltage	220-240V, 50/60 Hz				
Power Factor	>0.9				
Stroboscopic Value	<4%				
Total Harmonic Distortion (THD)	<10%				
Installation Method	Ceiling Installation (Specially Designed "Slide-in" Mounting Mechanism)'				
Dimension (LxWxH)	600x260x13mm	1190x260x13mm	600x600x13mm	600x600x13mm	1200x600x13mm

Light Distribution Curve



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Color Rendering	Size
CR500C LED25/840 W26L60 PSU	25W	2500lm	4000K	>80	260x600mm
CR500C LED40/840 W26L119 PSU	40W	4000lm	4000K	>80	260x1190mm
CR500C LED60/840 W60L120 PSU	60W	6000lm	4000K	>80	600x1200mm
CR500C LED25/840 W60L60 PSU	25W	2500lm	4000K	>80	600x600mm
CR500C LED40/840 W60L60 PSU	40W	4000lm	4000K	>80	600x600mm
CR500C LED25/830 W26L60 PSU	25W	2500lm	3000K	>80	260x600mm
CR500C LED40/830 W26L119 PSU	40W	4000lm	3000K	>80	260x1190mm
CR500C LED60/830 W60L120 PSU	60W	6000lm	3000K	>80	600x1200mm
CR500C LED25/830 W60L60 PSU	25W	2500lm	3000K	>80	600x600mm
CR500C LED40/830 W60L60 PSU	40W	4000lm	3000K	>80	600x600mm
CR500C LED25/865 W26L60 PSU	25W	2500lm	6500K	>80	260x600mm
CR500C LED40/865 W26L119 PSU	40W	4000lm	6500K	>80	260x1190mm
CR500C LED60/865 W60L120 PSU	60W	6000lm	6500K	>80	600x1200mm
CR500C LED25/865 W60L60 PSU	25W	2500lm	6500K	>80	600x600mm
CR500C LED40/865 W60L60 PSU	40W	4000lm	6500K	>80	600x600mm

GreenPerform Teardrop CR388C

PHILIPS



LED Teardrop Clean Room Luminaires Green and Energy-Saving (Suitable For 10-1000 Clean Rooms)

GreenPerform Teardrop is an LED upgrade for cleaning room applications with cleanliness up to 10-1000 rooms. The product continues the smooth shape of teardrop, which is suitable for vertical laminar flow clean room and effectively prevents air turbulence and dust accumulation. LED light source allows you to avoid the risk of contamination if the light source is damaged, with efficient optical design and ultra-long life.

Product features

Green Energy Saving

LED light source does not contain toxic substances (such as mercury), which will not cause pollution after the luminaire is damaged.

Reliable Protection

The luminaire body adopts high-strength cold-rolled steel plate base, white baking varnish surface, protection grade IP40 for cleaning rooms of class 10-1000

Energy-Efficient

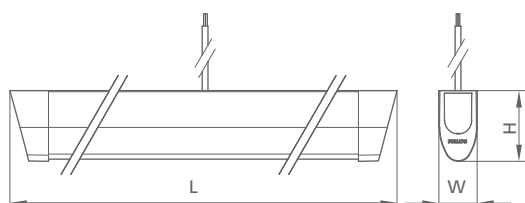
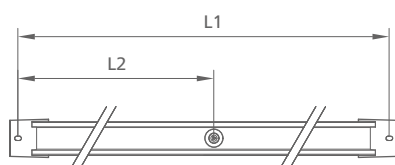
Equipped with Philips high-efficiency LP platform, the system efficiency is as high as 125lm/W; Extra long life, 50000 hours L70

Easy Installation

It only weighs 1.2kg and can be installed by one person.

Yellow Light Selection

The yellow light selection is added to meet the special application requirements.



Model	L(mm)	L1(mm)	L2(mm)	W(mm)	H(mm)
CR388C	1200	1180	590	45	84

Main Applications

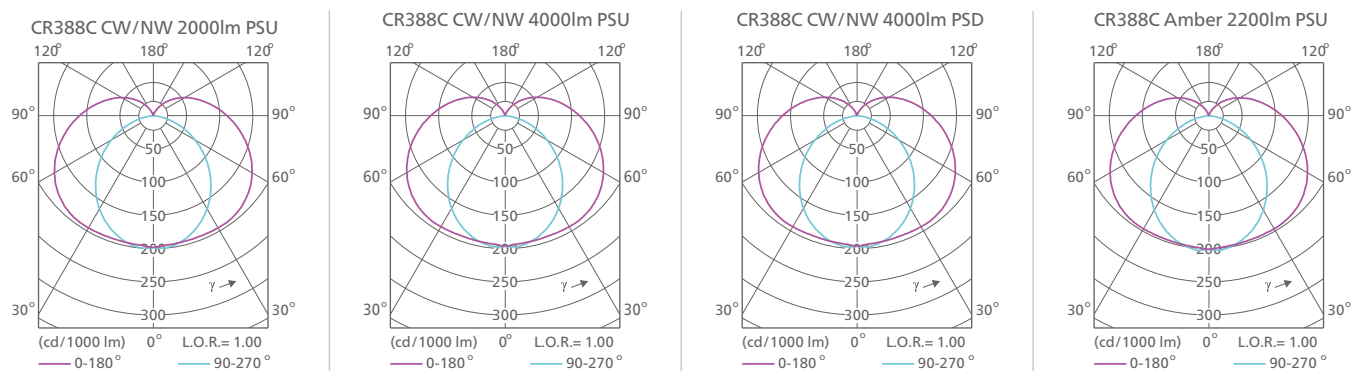
- High-Grade Clean Rooms For Various Industries
- Chip Manufacturing
- Semiconductor Assembly
- Food Processing
- Liquid Filling



Technical Parameters

Product Model	Greenperform Teardrop CR388C			
Color Temperature	NW(4000K)/CW(6500K)		Amber Yellow Light	
Lumen Output	2000lm	3900lm	4500lm	2200lm
System Efficiency	125lm/W	120lm/W	115lm/W	105lm/W
System Power	16W	32W	39W	21W
Control Mode	Fixed Output	Fixed Output	DALI Dimming	Fixed Output
Stroboscopic Value	≤30%	≤30%	≤4%	≤4%
Cleanliness Grade	10-1000			
Power Factor	> 0.9			
Input Voltage	220~240V, 50/60hz			
Light And Color Consistency	SDCM<5			
Color-Rendering Index	>80			
Light Distribution	Symmetrical Light Distribution			
Dimension (Lxwxh)	1200x84x45 mm			
Operating Temperature	0°C~+35°C			
Electrical Grade	CLASS I			
IP/IK Grade	IP40/IK03			
Service Life	50,000 Hours @L70B50, ta25°C			
Wiring Mode	Fly line 0.3M			
Installation Method	Ceiling Installation			

Light Distribution Curve



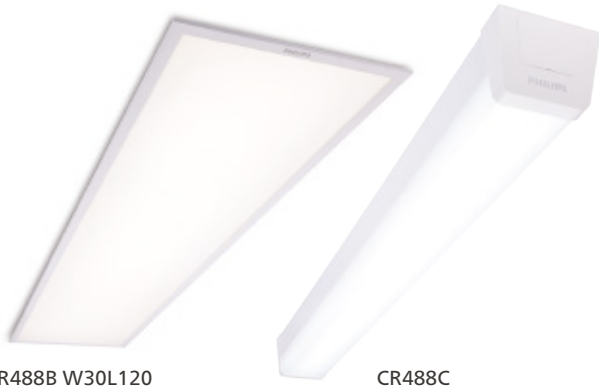
Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Color Rendering	Control
CR388C LED20 NW L120 PSU	16W	2000lm	NW	>80	PSU
CR388C LED20 CW L120 PSU	16W	2000lm	CW	>80	PSU
CR388C LED40 NW L120 PSU	32W	3900lm	NW	>80	PSU
CR388C LED40 CW L120 PSU	32W	3900lm	CW	>80	PSU
CR388C LED40 NW L120 PSD	39W	4500lm	NW	>80	PSD
CR388C LED40 CW L120 PSD	39W	4500lm	CW	>80	PSD
CR388C LED20 Amber L120 PSU	21W	2200lm	Amber	>80	PSU

GreenPerform Hygeia CR488B/CR488C

PHILIPS



CR488B W30L120

CR488C

Industry

Professional LED Clean Room Luminaire (Applicable To Class 100-10000 Clean Room)

GreenPerform Hygeia is an LED upgrade of the professional clean room fixture Hygeia, suitable for class 100-10000 clean rooms.

The product adopts smooth appearance design, which can effectively prevent air turbulence and dust accumulation. LED light source allows you to avoid the risk of contamination if the light source is damaged, with efficient optical design and ultra-long lifetime.

Product features

Professional Modeling

Streamline design greatly reduces air turbulence and dust accumulation.

Efficient and Convenient

Equipped with Philips high-efficiency LP platform, the system efficiency is as high as 119lm/W; Extra long life, 50000 hours L70. The weight is less than 4kg and can be installed by one person.

Safer

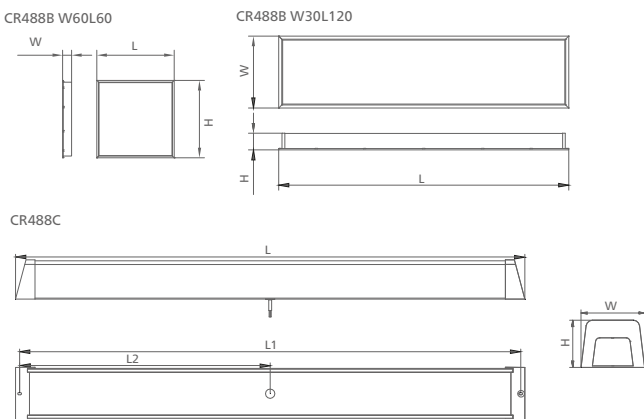
LED light source does not contain toxic substances (such as mercury), which will not cause pollution after the luminaire is damaged.

Reliable Protection

The luminaire body adopts high-strength cold-rolled steel plate base, with white baking varnish surface and protection grade IP40.

Yellow Light Selection

The yellow light selection is added to meet the special application requirements.



Model	L(mm)	L1(mm)	L2(mm)	W(mm)	H(mm)
CR488B W60L60	597	-	-	597	68
CR488B W30L120	1197	-	-	297	68
CR488B W30L120 CPC	1200	-	-	300	68
CR488C	1200	1180	590	125	92

Main Applications

- 100-10000 Clean Rooms For Various Industries
- Semiconductor Assembly
- Food Processing
- Liquid Filling
- Pharmaceutical Industry
- Healthcare

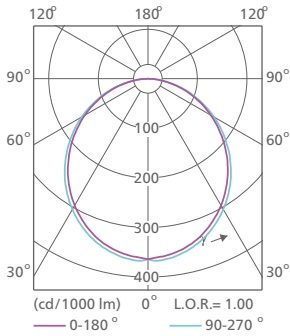


Technical Parameters

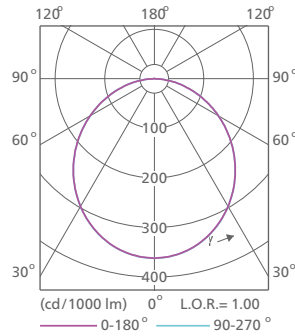
Product Model	GreenPerform Hygeia CR488C		Greenperform Hygeia CR488B
Color Temperature	NW(4000K)/CW(6500K)	Amber	NW(4000K)/CW(6500K)
Lumen Output	7500lm	4300lm	7500lm
System Efficiency	119lm/W	105lm/W	108lm/W
System Power	63W	41W	69W
Control Mode	Fixed Output/DALI	Fixed Output	Fixed Output/DALI
Stroboscopic Value	≤4%	≤4%	≤4%
Cleanliness Grade	100-10000		100-10000
Power Factor	>0.9		>0.9
Input Voltage	220~240V, 50/60hz		220~240V, 50/60hz
Light And Color Consistency	SDCM<5		SDCM<5
Color-Rendering Index	>80		>80
Light Distribution	Symmetrical Light Distribution		Symmetrical Light Distribution
Dimension (Lxwxh)	1200x125x92 mm		597x597x68mm, 1197x297x68mm
Operating Temperature	0°C~+35°C		0°C~+35°C
Electrical Grade	CLASS I		CLASS I
IP/IK Grade	IP40/IK03		IP40/IK03
Service Life	50,000 Hours @L70B50, ta25°C		50,000 Hours @L70B50, ta25°C
Installation Method	Ceiling Installation		Recessed Installation

Light Distribution Curve

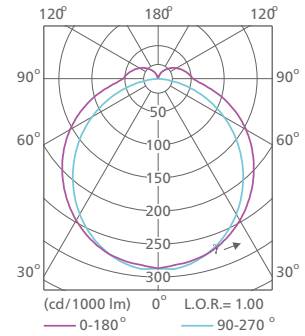
CR488B CW/NW 7400lm W30L120
CR488B CW/NW 7000lm PSU W30L120



CR488B CW/NW 7500lm W60L60



CR488C Amber 4300lm
CR488C CW/NW 7500lm



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Color Rendering	Control
CR488B LED75 NW/CW W30L120 PSU	69W	7400lm	NW/CW	>80	PSU
CR488B LED75 NW/CW W60L60 PSU	69W	7500lm	NW/CW	>80	PSU
CR488B LED75 NW/CW W30L120 PSU CPC	69W	7400lm	NW/CW	>80	PSU
CR488B LED75 NW/CW W30L120 PSD	69W	7400lm	NW/CW	>80	PSD
CR488B LED75 NW/CW W60L60 PSD	69W	7500lm	NW/CW	>80	PSD
CR488B LED75 NW/CW W30L120 PSD CPC	69W	7400lm	NW/CW	>80	PSD
CR488C LED70 NW/CW L120 PSD	65W	7500lm	NW/CW	>80	PSD
CR488C LED40 Amber L120 PSU	41W	4300lm	Amber	>80	PSU
CR488C LED70 NW/CW L120 PSU	63W	7500lm	NW/CW	>80	PSU



Linear Trunking Systems

Compare the features of our selection of linear trunking systems, classified from the simplest to the most advanced solution.

Industry



Portfolio Summary

Maxos Fusion
LL512X/ LL523X (IP20)
LL612X/ LL623X (IP54)



- Wide choice of elements to integrate, with total freedom in the rail
- X, L and T junction accessories can be used to create grid structures
- Superior light quality without sacrificing energy savings, with exceptional efficiency up to 185 lm/W
- Available in CRI 90 and PremiumWhite tint for better enhancement
- A wide choice of 11 optics to meet every need
- Rails and electrical units available in IP54 version
- EU origin version available

CoreLine Rail System gen2
LL212X/LL217X/LL234X



- The best lm/\$ ratio
- 1 line starter kit + N units
- Easy installation
- 7 beams available
- Continuous / semi-continuous lines
- Available in strip version, ideal for replacing 2x49W / 58W industrial reflectors
- EU origin version available

GreenPerform Trunking
LL120X



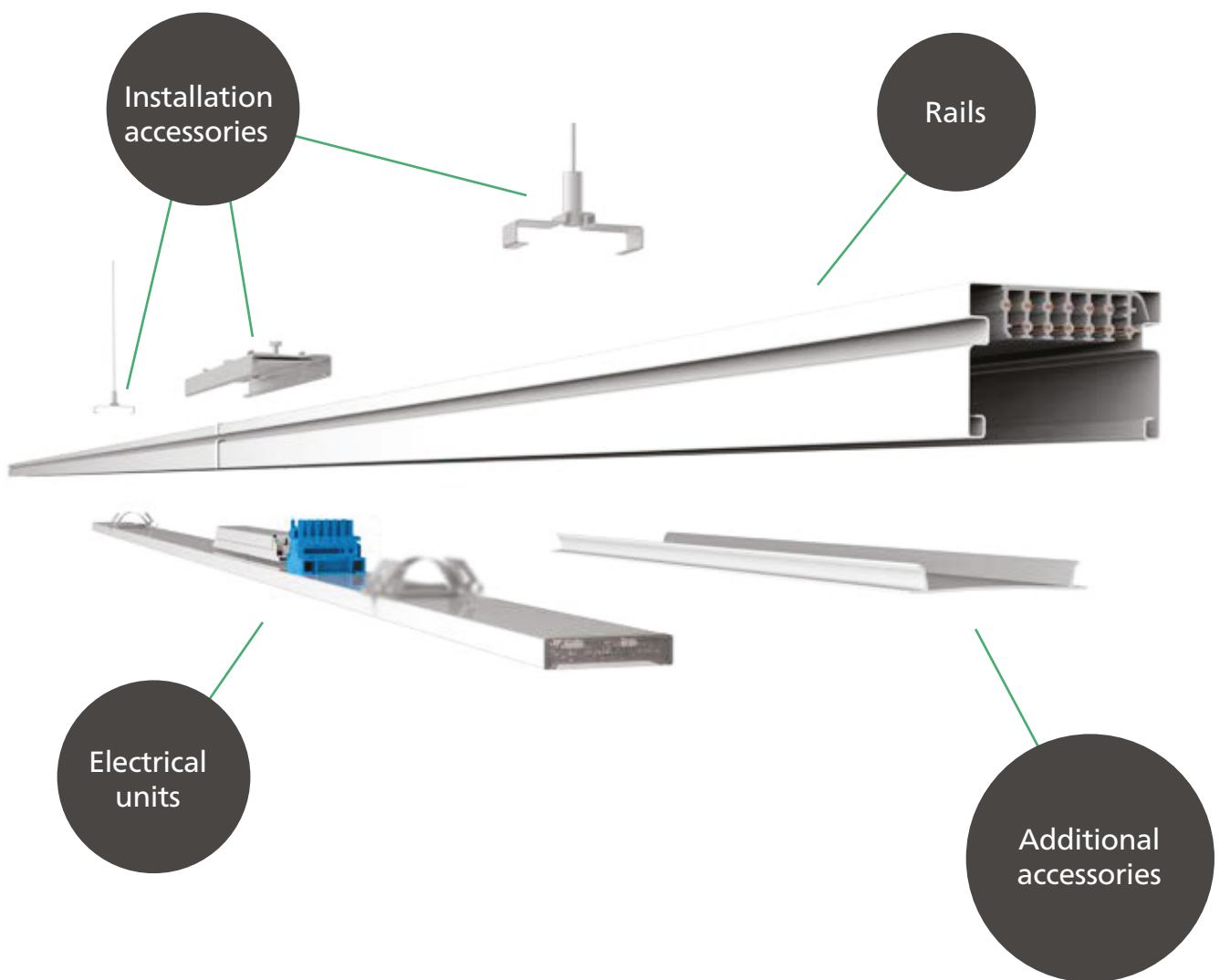
- The innovative integrated modular design with excellent flexibility and aesthetics.
- Continuous light lines with high brightness and uniformity.
- Precise light distributions with 3 optics DA Batwing/WB Wide Light/ OPAL Lambert Type.
- Easy installation

System Flux	System efficiency	Service life	CRI	Visual comfort	Length (mm)	Connectivity	Warranty
3 100 to 16 000 lm	Upto 185 lm/W	Upto 100 000 h L80	CRI 80 CRI 90	UGR 19 UGR > 19 According to version	2 276 (LL5523X) 1 138 (LL512X) 2 395 (LL623X) 1 257 (LL612X)	Interact ready version available	5 years
3 000 to 24 000 lm	Upto 165 lm/W	50 000 h L85	CRI 80	UGR > 19 According to version	3 400 (LL234X) 1 700 (LL217X) 1 130 (LL212X)	Interact ready version available	5 years
3 800 to 15 200 lm	110lm/W	50,000 Hours @L70B50	CRI 80	UGR > 19	1 500 & 3 000	No	5 years

Maxos Fusion System overview

This exploded view provides an overview of the components available for the Maxos Fusion rail-mounted system.

Industry



Columns refer to system configurations.
Horizontal lines indicate the possible choices for a component type.

Installation accessories
In black, silver-grey and white

Rails
In black, silver-grey and white

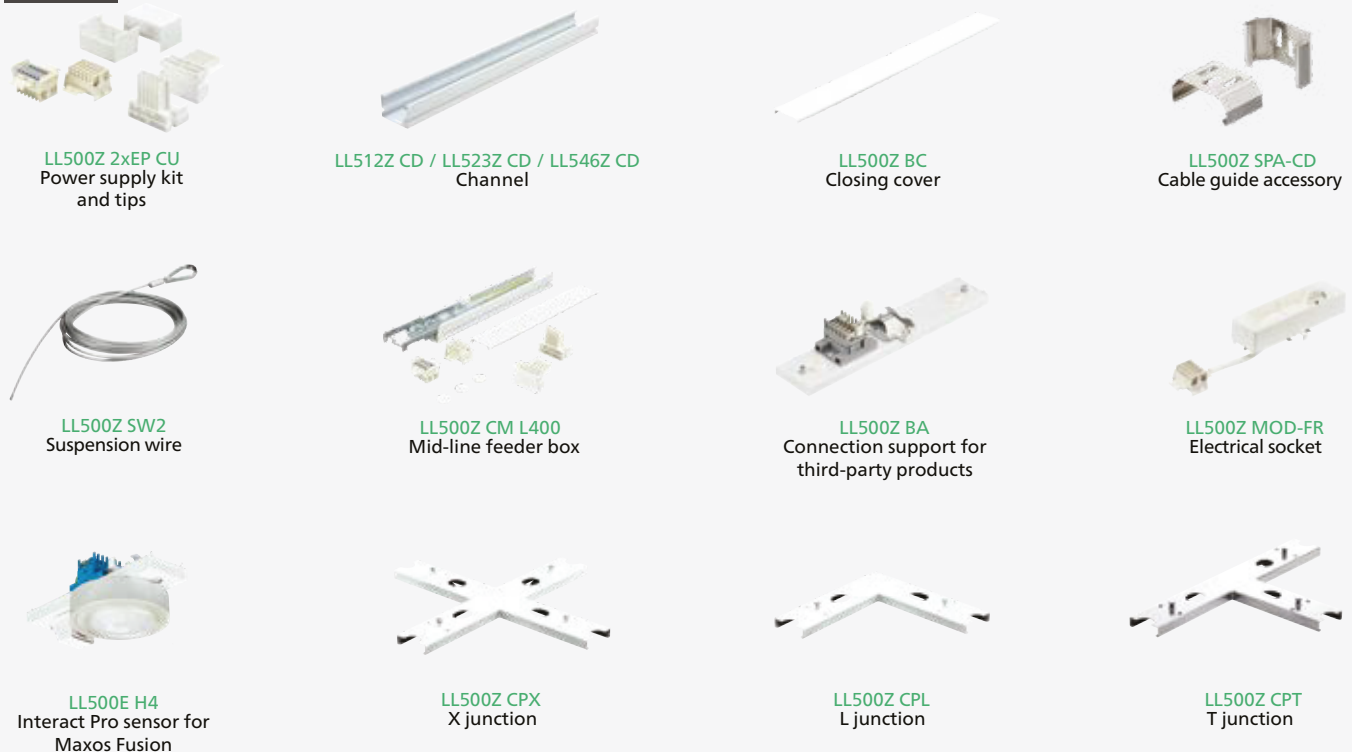
Electrical units
In black, silver-grey and white



Industry

Additional accessories
In black, silver-grey and white (SPA and SW in gray only)

Obligatory



The entire range is available in black (BK), silver-grey (SI) and white (WH).

Maxos Fusion Electric Unit IP20 LL512X / LL523X

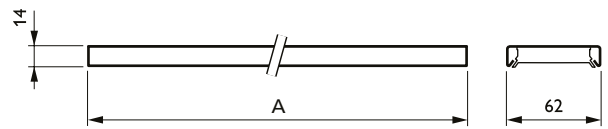


PHILIPS
interact
ready.

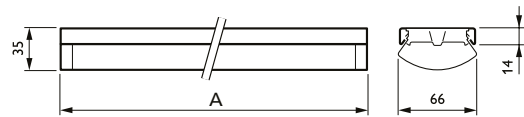


Flexibility to adapt to any space configuration

- Lighting solution that combines performance and flexibility
- Superior light quality without compromising on energy savings, with exceptional efficiency up to 185 lm/W
- Wide choice of 11 optics to meet every need



LL512X / LL523X



LL512X - PCO / LL523X - PCO



Version with opal diffuser (PCO)

Power supply kit and tips

Interact sensor

Dimensions in mm	A
LL512X	1138
LL523X	2276
LL512X - PCO	1138
LL523X - PCO	2276

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Equivalent 1x35W, L = 1138 mm, DALI dimmer (PSD), white (WH)					
LL512X LED31S/840 PSD MB 7 WH	3 100	21	147	4 000	66 x 80
LL512X LED31S/840 PSD WB 7 WH	3 100	21	147	4 000	85 x 85
LL512X LED31S/840 PSD DA35W 7 WH	3 100	21	147	4 000	104 x 98
LL512X LED31S/840 PSD DA25W 7 WH	3 100	21	147	4 000	86 x 92
LL512X LED31S/840 PSD DA25N 7 WH	3 100	21	147	4 000	72 x 90
LL512X LED31S/840 PSD PCO 7 WH	2 700	21	128	4 000	90 x 100
Equivalent 1x35W, L = 1138 mm, DALI dimmer (PSD), Silver-Grey (SI)					
LL512X LED31S/840 PSD WB 7 SI	3 100	21	147	4 000	85 x 85
Equivalent 1x35W, L = 1138 mm, DALI dimmer (PSD), Black (BK)					
LL512X LED31S/840 PSD WB 7 BK	3 100	21	147	4 000	85 x 85
Equivalent 1x35W, L = 2276 mm, DALI dimmer (PSD), white (WH)					
LL523X LED62S/840 PSD NB 7 WH	6 200	41	151	4 000	37 x 49
LL523X LED62S/840 PSD MB 7 WH	6 200	41	151	4 000	66 x 80
LL523X LED62S/840 PSD WB 7 WH	6 200	41	151	4 000	85 x 85
LL523X LED62S/840 PSD DA35W 7 WH	6 200	41	151	4 000	104 x 98
LL523X LED62S/840 PSD DA25W 7 WH	6 200	41	151	4 000	86 x 92
LL523X LED62S/840 PSD DA25N 7 WH	6 200	41	151	4 000	72 x 90
LL523X LED62S/840 PSD PCO 7 WH	5 300	41	129	4 000	90 x 100

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Equivalent 1x35W, L = 2276 mm, DALI dimmer (PSD), Silver-Grey (SI)					
LL523X LED625/840 PSD WB 7 SI	6 200	41	151	4 000	85 x 85
Equivalent 1x35W, L = 2276 mm, DALI dimmer (PSD), Black (BK)					
LL523X LED625/840 PSD WB 7 BK	6 200	41	151	4 000	85 x 85
Equivalent 2x35W, L = 1138, DALI dimmer (PSD), white (WH)					
LL512X LED50S/840 PSD MB 7 WH	5 000	36	138	4 000	66 x 80
LL512X LED50S/835 PSD WB 7 WH	5 000	36	139	3 500	85 x 85
LL512X LED50S/840 PSD WB 7 WH	5 000	36	138	4 000	85 x 85
LL512X LED50S/840 PSD DA35W 7 WH	5 000	36	138	4 000	104 x 98
LL512X LED50S/840 PSD DA25W 7 WH	5 000	36	138	4 000	86 x 92
LL512X LED50S/840 PSD DA25N 7 WH	5 000	36	138	4 000	72 x 90
LL512X LED50S/840 PSD PCO 7 WH	4 300	36	119	4 000	90 x 100
Equivalent 2x35W, L = 1138 mm, DALI dimmer (PSD), Silver-Grey (SI)					
LL512X LED50S/840 PSD WB 7 SI	5 000	36	138	4 000	85 x 85
Equivalent 2x35W, L = 1138, DALI dimmer (PSD), Black (BK)					
LL512X LED50S/840 PSD WB 7 BK	5 000	36	138	4 000	85 x 85
Equivalent 2x35W, L = 2276 mm, DALI dimmer (PSD), white (WH)					
LL523X LED100S/840 PSD NB 7 WH	10 100	71	140	4 000	37 x 49
LL523X LED100S/840 PSD MB 7 WH	10 100	71	140	4 000	66 x 80
LL523X LED100S/835 PSD WB 7 WH	10 000	71	141	3 500	85 x 85
LL523X LED100S/840 PSD WB 7 WH	10 100	71	140	4 000	85 x 85
LL523X LED100S/840 PSD DA35W 7 WH	10 100	71	140	4 000	104 x 98
LL523X LED100S/840 PSD DA25W 7 WH	10 100	71	140	4 000	86 x 92
LL523X LED100S/840 PSD DA25N 7 WH	10 100	71	140	4 000	72 x 90
LL523X LED100S/840 PSD A20 7 WH	10 100	71	140	4 000	50 x 78
LL523X LED100S/840 PSD PCO 7 WH	8 600	71	121	4 000	90 x 100
Equivalent 2x35W, L = 2276 mm, DALI dimmer (PSD), Silver-Grey (SI)					
LL523X LED100S/840 PSD WB 7 SI	10 100	71	140	4 000	85 x 85
Equivalent 2x35W, L = 2276 mm, DALI dimmer (PSD), Black (BK)					
LL523X LED100S/840 PSD WB 7 BK	10 100	71	140	4 000	85 x 85
Equivalent 2x49W, L = 1138, DALI dimmer (PSD), white (WH)					
LL512X LED61S/840 PSD NB 7 WH	6 100	45	135	4 000	37 x 49
LL512X LED61S/840 PSD MB 7 WH	6 100	45	135	4 000	66 x 80
LL512X LED61S/840 PSD WB 7 WH	6 100	45	135	4 000	85 x 85
LL512X LED61S/840 PSD DA35W 7 WH	6 100	45	135	4 000	104 x 98
LL512X LED61S/840 PSD DA25W 7 WH	6 100	45	135	4 000	86 x 92
LL512X LED61S/840 PSD DA25N 7 WH	6 100	45	135	4 000	72 x 90
LL512X LED61S/840 PSD A20 7 WH	6 100	45	135	4 000	50 x 78
LL512X LED61S/840 PSD PCO 7 WH	5 300	45	117	4 000	90 x 100
Equivalent 2x49W, L = 1138, DALI dimmer (PSD), Silver-Grey (SI)					
LL512X LED61S/840 PSD WB 7 SI	6 100	45	135	4 000	85 x 85
Equivalent 2x49W, L = 1138, DALI dimmer (PSD), Black (BK)					
LL512X LED61S/840 PSD WB 7 BK	6 100	45	135	4 000	85 x 85
Equivalent 2x49W, L = 2276 mm, DALI dimmer (PSD), white (WH)					
LL523X LED123S/840 PSD NB 7 WH	12 300	89	138	4 000	37 x 49
LL523X LED123S/840 PSD MB 7 WH	12 300	89	138	4 000	66 x 80
LL523X LED123S/840 PSD WB 7 WH	12 300	89	138	4 000	85 x 85
LL523X LED123S/840 PSD DA35W 7 WH	12 300	89	138	4 000	104 x 98
LL523X LED123S/840 PSD DA25W 7 WH	12 300	89	138	4 000	86 x 92
LL523X LED123S/840 PSD DA25N 7 WH	12 300	89	138	4 000	72 x 90
LL523X LED123S/840 PSD A20 7 WH	12 300	89	138	4 000	50 x 78
LL523X LED123S/840 PSD PCO 7 WH	10 600	89	119	4 000	90 x 100
Equivalent 2x49W, L = 2276 mm, DALI dimmer (PSD), Silver-Grey (SI)					
LL523X LED123S/840 PSD WB 7 SI	12 300	89	138	4 000	85 x 85
Equivalent 2x49W, L = 2276 mm, DALI dimmer (PSD), Black (BK)					
LL523X LED123S/840 PSD WB 7 BK	12 300	89	138	4 000	85 x 85
Equivalent 2x49W, L = 2276 mm, Xtreme version (XT), DALI dimmer (PSD), white (WH)					
LL512X LED61S/840 PSD XNB 7 WH XT	6 100	45	137	4 000	18 x 35
Equivalent 2x35W, L = 2276 mm, Xtreme version (XT), DALI dimmer (PSD), white (WH) version (XT), DALI dimmer (PSD), white (WH)					
LL523X LED100S/840 PSD XNB 7 WH XT	10 000	72	140	4 000	18 x 35
Equivalent 2x49W, L = 2276 mm, Xtreme version (XT), DALI dimmer (PSD), white (WH)					
LL523X LED123S/840 PSD XNB 7 WH XT	12 300	89	138	4 000	18 x 35

Industry

Maxos Fusion Electric Unit IP54 LL612X / LL623X

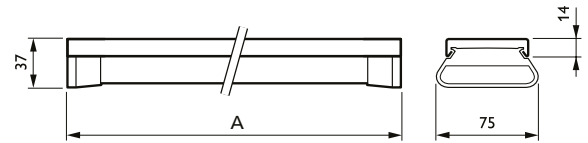


PHILIPS
interact
ready.



Flexibility to adapt to any space configuration

- Enhanced water and dust resistance with rating 54
- Lighting solution that combines performance and flexibility
- Enhanced luminous efficiency: up to 167 lm/W
- Wide choice of optics to meet every need
- Available in Interact ready IP connected version



Power supply kit and tips



Interact sensor

Dimensions in mm	A
LL612X	1257
LL623X	2395

Industry

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
IP54 version , Equivalent 2x49W, L = 1257 mm, DALI dimmer (PSD), white (WH)					
LL612X LED61S/840 PSD NB 7 WH	6 100	45	135	4 000	37 x 49
IP54 version , Equivalent 2x49W, L = 1257 mm, DALI dimmer (PSD), white (WH)					
LL612X LED61S/840 PSD MB 7 WH	6 100	45	135	4 000	66 x 80
IP54 version , Equivalent 2x49W, L = 1257 mm, DALI dimmer (PSD), white (WH)					
LL612X LED61S/840 PSD WB 7 WH	6 100	45	135	4 000	85 x 85
IP54 version , Equivalent 2x49W, L = 2395 mm, DALI dimmer (PSD), white (WH)					
LL623X LED123S/840 PSD NB 7 WH	12 300	89	138	4 000	37 x 49
LL623X LED123S/840 PSD MB 7 WH	12 300	89	138	4 000	66 x 80
LL623X LED123S/840 PSD WB 7 WH	12 300	89	138	4 000	85 x 85

Maxos Fusion Rail



Designation

Version IP20

Rail IP20, L = 1138 mm, 7 wires, white (WH), silver-grey (SI) or black (BK)

LL512T 4x2.5+2x1.5 Gen2 BK

LL512T 4x2.5+2x1.5 Gen2 SI

LL512T 4x2.5+2x1.5 Gen2 WH

Rail IP20, L = 2276 mm, 7 wires, white (WH), silver-grey (SI) or black (BK)

LL523T 4x2.5+2x1.5 Gen2 BK

LL523T 4x2.5+2x1.5 Gen2 SI

LL523T 4x2.5+2x1.5 Gen2 WH

Rail IP20, L = 4552 mm, 7 wires, white (WH), silver-grey (SI) or black (BK)

LL546T 4x2.5+2x1.5 Gen2 BK

LL546T 4x2.5+2x1.5 Gen2 SI

LL546T 4x2.5+2x1.5 Gen2 WH

Rail IP20, L = 1138 mm, 9 wires, white (WH), silver-grey (SI) or black (BK)

LL512T 4x2.5+4x1.5 Gen2 BK

LL512T 4x2.5+4x1.5 Gen2 SI

LL512T 4x2.5+4x1.5 Gen2 WH

Rail IP20, L = 2276 mm, 9 wires, white (WH), silver-grey (SI) or black (BK)

LL523T 4x2.5+4x1.5 Gen2 BK

LL523T 4x2.5+4x1.5 Gen2 SI

LL523T 4x2.5+4x1.5 Gen2 WH

Rail IP20, L = 4552 mm, 9 wires, white (WH), silver-grey (SI) or black (BK)

LL546T 4x2.5+4x1.5 Gen2 BK

LL546T 4x2.5+4x1.5 Gen2 SI

LL546T 4x2.5+4x1.5 Gen2 WH

Version IP54

Rail IP54, L = 2276 mm, 7 wires, white (WH)

LL623T 4x2.5+2x1.5 WH

Rail IP54, L = 4552 mm, 7 wires, white (WH)

LL646T 4x2.5+2x1.5 WH

Rail IP54, L = 2276 mm, 9 wires, white (WH)

LL623T 4x2.5+4x1.5 WH

Rail IP54, L = 4552 mm, 9 wires, white (WH)

LL646T 4x2.5+4x1.5 WH

Maxos Fusion Accessories LL500/LL600

Power supply kit and tips



Designation
Power supply and caps kit white (WH), silver-grey (SI) or black (BK)
LL500Z 2xEP CU Gen2 BK
LL500Z 2xEP CU Gen2 SI
LL500Z 2xEP CU Gen2 WH

L, T and X junctions



Designation
L junction white (WH), silver-grey (SI) or black (BK)
LL500Z CPL Gen2 BK
LL500Z CPL Gen2 SI
LL500Z CPL Gen2 WH
T junction white (WH), silver-grey (SI) or black (BK)
LL500Z CPT Gen2 BK
LL500Z CPT Gen2 SI
LL500Z CPT Gen2 WH
X junction white (WH), silver-grey (SI) or black (BK)
LL500Z CPX Gen2 BK
LL500Z CPX Gen2 SI
LL500Z CPX Gen2 WH

Electric sockets



Designation
LL500Z MOD-FR WH

Connection support for third-party products



Designation
LL500Z BA WH

Suspension bracket for steel wire



Designation
Suspension bracket for steel wire white (WH), silver-grey (SI) or black (BK)
LL500Z MB-SW WH
LL500Z MB-SW SI
LL500Z MB-SW BK

Maxos Fusion Accessories

Suspension wire (length 1250, 3000 or 5000 mm)



Designation

Suspension wire (1250, 3000 or 5000 mm)

LL500Z SW2 L1250

LL500Z SW2 L3000

LL500Z SW2 L5000

Suspension bracket with steel wire supplied (length 5000 mm)



Designation

Suspension bracket steel white (WH), silver-grey (SI) or black (BK) with steel wire supplied Suspension wires length 5000 mm

LL500Z MB-SW2 L5000 WH

LL500Z MB-SW2 L5000 SI

LL500Z MB-SW2 L5000 BK

Suspension bracket with hook



Designation

Suspension bracket with white hook (WH), silver-grey (SI) or black (BK)

LL500Z CB-CH WH

LL500Z CB-CH SI

LL500Z CB-CH BK

Bracket for direct mount to ceiling



Designation

Bracket for direct mount to ceiling white (WH), silver-grey (SI) or black (BK)

LL500Z SMB WH

LL500Z SMB SI

LL500Z SMB BK

Suspension bracket for wire with channel support



Designation

Suspension bracket for wire with support for channel white (WH), silver-grey (SI) or black (BK)

LL500Z CDS WH

LL500Z CDS SI

LL500Z CDS BK

Maxos Fusion Accessories

Cable guide accessory



Designation
Cable guide accessory
LL500Z SPA-CD

Closing cover



Designation
Back cover, 2300mm, White (WH), Silver-grey (SI) or Black (BK)
LL500Z BC L2300 WH
LL500Z BC L2300 SI
LL500Z BC L2300 BK
Back cover, 1150mm, White (WH), Silver-grey (SI) or Black (BK)
LL500Z BC L1150 WH
LL500Z BC L1150 SI
LL500Z BC L1150 BK
Back cover for installation IP54, White (WH)
LL600Z BC L1090 WH
LL600Z BC L2180 WH

Channel



Designation
Channel 1.15m, White (WH), Silver-grey (SI) or Black (BK)
LL512Z CD WH
LL512Z CD SI
LL512Z CD BK
Channel L = 2.3m, White (WH), Silver-grey (SI) or Black (BK)
LL523Z CD WH
LL523Z CD SI
LL523Z CD BK

Mid-line power supply box



Designation
Mid-line power supply box white (WH)
LL500Z CM L400 Gen2 WH

Interact Sensor for Maxos Fusion



Designation
Interact Sensor
LL500E H4 Gen2 WH

Industry

CoreLine System Rail gen2 LL212X/LL217X/LL234X



PHILIPS
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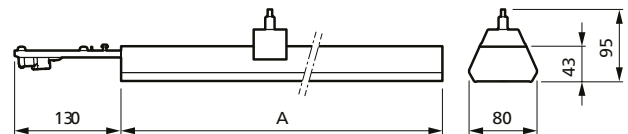
Start of line kit



Interact Sensor

The efficient, easy-to-install rail system

- The best lm/\$ ratio
- Easy to configure (1 starter kit + N units)
- Simple installation and optimized installation time
- Continuous or semi-continuous lines



Dimensions in mm	A
LL212X	1130
LL217X	1700
LL234X	3400

Industry

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
High Effectiveness (HE), 8000lm, Length 1700 mm, non-dimmable (PSU)					
LL217X 80S/840 1x PSU WB 5x2.5 HE	8 000	49	163	4 000	84 x 84
High Effectiveness (HE), 8000lm, Length 1700 mm, Dimmable DALI (PSD)					
LL217X 80S/840 1x PSD WB 7x1.5 HE	8 000	48,5	165	4 000	84 x 84
High Effectiveness (HE), 16000lm, Length 3400 mm, Dimmable DALI (PSD)					
LL234X 160S/840 2x PSD WB 7x1.5 HE	16 000	97	165	4 000	84 x 84
5300lm, length 1130mm, Dimmable DALI (PSD)					
LL212X 53S/840 1x PSD WB 7x1.5	5 300	34	156	4 000	84 x 84
4500lm, length 1700 mm, non-dimmable (PSU)					
LL217X 45S/840 1x PSU NB 5x1.5	4 500	28	161	4 000	35 x 71
LL217X 45S/840 1x PSU MB 5x1.5	4 500	28	161	4 000	67 x 67
LL217X 45S/840 1x PSU WB 5x1.5	4 500	28	161	4 000	84 x 84
LL217X 45S/840 1x PSU VWB 5x1.5	4 500	28	161	4 000	113 x 95
LL217X 45S/840 1x PSU A 5x1.5	4 500	28	161	4 000	45 x 99
LL217X 45S/840 1x PSU DA25 5x1.5	4 500	28	161	4 000	79 x 91

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Equivalent 2x49W/58W, length 1700 mm, non-dimmable (PSU)					
LL217X 80S/840 1x PSU NB 5x1.5	8 000	51	157	4 000	35 x 71
LL217X 80S/840 1x PSU MB 5x1.5	8 000	51	157	4 000	67 x 67
LL217X 80S/840 1x PSU WB 5x1.5	8 000	51	157	4 000	84 x 84
LL217X 80S/840 1x PSU VWB 5x1.5	8 000	51	157	4 000	113 x 95
LL217X 80S/840 1x PSU A 5x1.5	8 000	51	157	4 000	45 x 99
LL217X 80S/840 1x PSU DA25 5x1.5	8 000	51	157	4 000	79 x 91
Equivalent 2x49W/58W, length 1700 mm, Dimmable DALI (PSD)					
LL217X 80S/840 1x PSD WB 7x2.5	8 000	50	160	4 000	84 x 84
Equivalent 2x49W/58W, length 1700 mm, Dimmable DALI (PSD), VLC					
LL217X 80S/840 1x PSD WB 7x2.5 VLC	8 000	50	160	4 000	84 x 84
9000lm, Length 3400 mm, non-dimmable (PSU)					
LL234X 90S/840 2x PSU NB 5x1.5	9 000	56	164	4 000	35 x 71
LL234X 90S/840 2x PSU MB 5x1.5	9 000	56	164	4 000	67 x 67
LL234X 90S/840 2x PSU WB 5x1.5	9 000	56	161	4 000	84 x 84
LL234X 90S/840 2x PSU VWB 5x1.5	9 000	56	164	4 000	113 x 95
LL234X 90S/840 2x PSU A 5x1.5	9 000	56	164	4 000	45 x 99
LL234X 90S/840 2x PSU DA25 5x1.5	9 000	56	164	4 000	79 x 91
9000lm, Length 3400 mm, Dimmable DALI (PSD)					
LL234X 90S/840 2x PSD WB 7x1.5	9 000	55	164	4 000	84 x 84
Equivalent 2x49W/58W, Length 3400 mm, non-dimmable (PSU)					
LL234X 160S/840 2x PSU NB 5x1.5	16 000	102	157	4 000	35 x 71
LL234X 160S/840 2x PSU MB 5x1.5	16 000	102	157	4 000	67 x 67
LL234X 160S/840 2x PSU WB 5x1.5	16 000	102	157	4 000	84 x 84
LL234X 160S/840 2x PSU VWB 5x1.5	16 000	102	157	4 000	113 x 95
LL234X 160S/840 2x PSU A 5x1.5	16 000	102	157	4 000	45 x 99
LL234X 160S/840 2x PSU DA25 5x1.5	16 000	102	157	4 000	79 x 91
Equivalent 2x49W/58W, Length 3400 mm, Dimmable DALI (PSD)					
LL234X 160S/840 2x PSD WB 7x2.5	16 000	100	160	4 000	84 x 84
Equivalent 2x49W/58W, Length 3400 mm, Dimmable DALI (PSD), VLC					
LL234X 160S/840 2x PSD WB 7x2.5 VLC	16 000	100	160	4 000	84 x 84

CoreLine Rail System gen2 Accessories LL200

Start-of-line kit for installation with a Reutlinger system



Designation

Start-of-line kit for installation with a Reutlinger system

LL200Z MB-SW 2xEP CU7 WH

LL200Z MB-SW 2xEP CU9 WH

Mounting brackets



Designation

Bracket for direct mount to ceiling

LL200Z SMB WH (5PCS)

Chain bracket (CB), with Reutlinger system (MB-SW) or direct ceiling mounting (SMB)

LL200Z CB WH (5PCS)

Suspension bracket with Reutlinger system

LL200Z MB-SW WH (2PCS)

Steel wires



Designation

Steel wire, 1250 mm

LL200Z SW2-1250

Steel wire, 3000 mm

LL200Z SW2-3000

Steel wire, 5000 mm

LL200Z SW2-5000

Module Bluetooth



Designation

Bluetooth Module

LL200E BLE 7x2.5 WH

LL200E BLE 9 WH

Wireless control unit



Designation

Wireless control unit

LL200E WGC 7x2.5 WH

LL200E WGC 9 WH

Optical separation clips for activation of the VLC



Designation

Optical separation clips for activation of the VLC

LL200Z VLC Clip 3cm WH (10pcs)

LL200Z VLC Clip 5cm WH (10pcs)

Pre-cabled rail with back cover



Designation

Pre-cabled rail with back cover 1.13 m

LL212X 5x1.5 BC

LL212X 5x2.5 BC

LL212X 7x1.5 BC

LL212X 7x2.5 BC

LL212X 9x1.5 BC

LL212X 9 BC

Pre-cabled rail with back cover 1.7 m

LL217X 5x1.5 BC

LL217X 5x2.5 BC

LL217X 7x1.5 BC

LL217X 7x2.5 BC

LL217X 9x1.5 BC

LL217X 9 BC

Pre-cabled rail with back cover 3.4 m

LL234X 5x1.5 BC

LL234X 5x2.5 BC

LL234X 7x1.5 BC

LL234X 7x2.5 BC

LL234X 9x1.5 BC

LL234X 9 BC

Industry

Module for integration of double spotlights



Designation

Module for integration of double spotlights

LL200Z SPO EC-F 7x2.5 L550 WH

LL200Z SPO EC-F 9 L550 WH

Interact Sensor for CoreLine Rail System Gen2



Designation

Interact Sensor for CoreLine Rail System Gen2

LL200E H4 9 WH

LL200E H4 7x2.5 WH

GreenPerform Trunking LL120X

PHILIPS



LED Trunking Luminaire Flexible and Convenient

The innovative integrated modular design provides quick and easy installation, excellent flexibility and aesthetics in both lighting design and application.

Product features

Continuous Light Strip

7600 lumen ultra-high system brightness is suitable for lighting spaces that can fit above 5 meters; The continuous light band is uniform and comfortable without dark area and modular design can fit different installation requirements of series type and interval type.

Precise Light Distribution

Two front covers with three light distributions: the micro-prism optical cover (WB/DA light distribution) creates a three-dimensional lighting effect on the shelf; the matte optical cover (OP light distribution) provides a soft lighting effect close to the fluorescent lamp.

Easy Installation

Pre-installed TN-C-S cable, each phase can be switched independently.

Outstanding Quality

Aluminum technology to ensure the straightness of continuous installation with 85mm ultra-wide luminous surface for distinctive lighting vision.

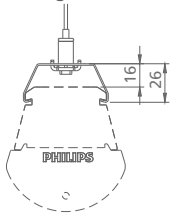
Energy Saving and High Efficiency

It can support continuous installation the system light efficiency is more than 110lm/W, the system light output is 7600lm, 2x58 light sources can be replaced, saving energy by 50%.

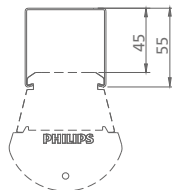
Outstanding Light Effect

Innovative design triple optical structure accurately creates 3D lighting effect, with high color temperature consistency (SDCM < 4), color rendering as high as 85 and low glare.

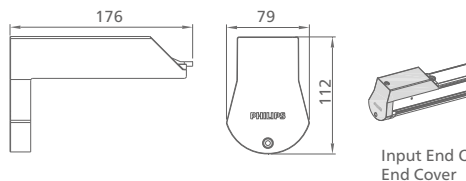
LL120Z SP Suspension Mounting Bracket



LL120Z CMB Ceiling Mounting Bracket

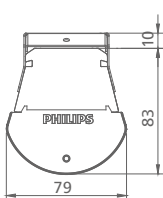


LL120Z ST EP

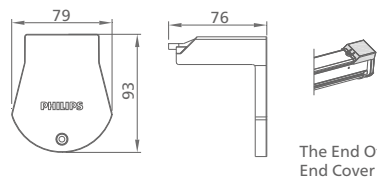
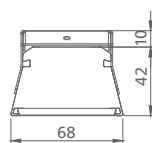


Input End Of End Cover

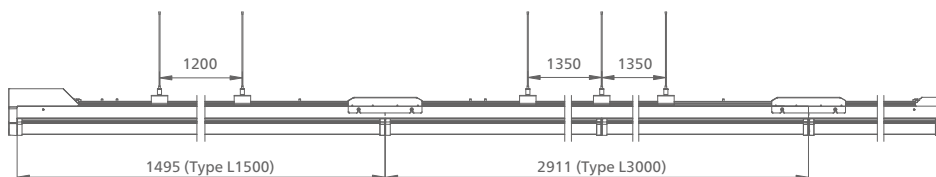
LL120X



LL120Z Blank



The End Of End Cover



Industry

Main Applications

- Workshops
- Large Production Line
- Assembly Line
- Logistics Warehouse
- Hypermarket
- Shopping Malls

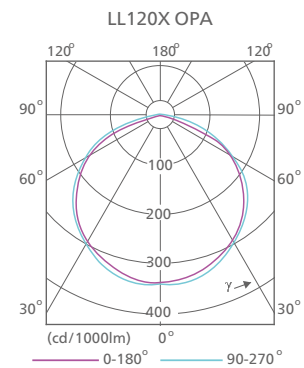
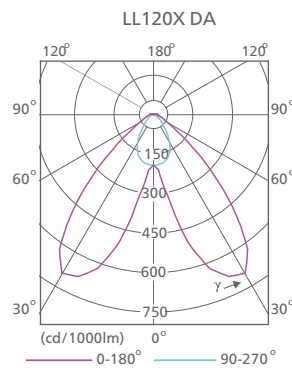
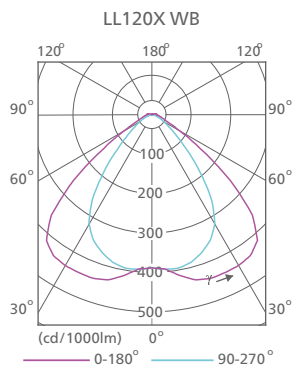


Industry

Technical Parameters

Product Model		LL120X LED Trunking		
Product Specification	Highlight Output		Standard output	
	Replacement 2x58W/2x49W		Replacement 2x36W/2x28W	
Lumen Output	7600lm	15200lm	3800lm	7600lm
System Power	70W	140W	35W	70W
Length	1.5m	3.0m	1.5m	3.0m
Maximum Number Of Connections	72 Sets	36 Sets	144 Sets	72 Sets
Maximum Connection Distance(PSU)	108 m		216 m	
Maximum Connection Distance(PSD)	90m			
System Light Efficiency	110lm/W			
Color Temperature	CW (6500K)/NW (4000K)			
Color Rendering Index	85			
Light And Color Consistency	SDCM<4			
Light Distribution	DA Batwing/WB Wide Light/OPAL Lambert Type			
Lifetime	50,000 Hours @L70B50			
Control Mode	PSU Fixed Output / DALI Digital Dimming			
LED Driver	Philips Xitanium Driver			
Guide Rail Pre-installed Cable	TN-C-S Supply Cable, With Rated Incoming Current 10A (Phase Current) For Each Phase			
Materials	Track: Extruded Aluminum; Luminaire Body: Galvanized Steel; Surface Cover: PC Optical Grade Prism Cover			
Protection Grade	IP20			
Applicable Ambient Temperature	-20°C~40°C			
Electrical Grade	Class I			
Input Voltage	220-240V~ 50/60 Hz			
Installation Method	Suspension Rod, Ceiling, Hanging Rope			
Certification	CCC/CB/EMC			

Light Distribution Curve



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Color Rendering	Light Distribution
LL120X LED35 L1500 NW PSU 5 OP	35W	3800lm	4000K	85	OP
LL120X LED35 L1500 NW PSU 5 DA	35W	3800lm	4000K	85	DA
LL120X LED35 L1500 NW PSU 5 WB	35W	3800lm	4000K	85	WB
LL120X LED35 L1500 CW PSU 5 OP	35W	3800lm	6500K	85	OP
LL120X LED35 L1500 CW PSU 5 DA	35W	3800lm	6500K	85	DA
LL120X LED35 L1500 CW PSU 5 WB	35W	3800lm	6500K	85	WB
LL120X LED70 L1500 NW PSU 5 OP	70W	7600lm	4000K	85	OP
LL120X LED70 L1500 NW PSU 5 DA	70W	7600lm	4000K	85	DA
LL120X LED70 L1500 NW PSU 5 WB	70W	7600lm	4000K	85	WB
LL120X LED70 L1500 CW PSU 5 OP	70W	7600lm	6500K	85	OP
LL120X LED70 L1500 CW PSU 5 DA	70W	7600lm	6500K	85	DA
LL120X LED70 L1500 CW PSU 5 WB	70W	7600lm	6500K	85	WB
LL120X LED70 L3000 NW PSU 5 OP	70W	7600lm	4000K	85	OP
LL120X LED70 L3000 NW PSU 5 DA	70W	7600lm	4000K	85	DA
LL120X LED70 L3000 NW PSU 5 WB	70W	7600lm	4000K	85	WB
LL120X LED70 L3000 CW PSU 5 OP	70W	7600lm	6500K	85	OP
LL120X LED70 L3000 CW PSU 5 DA	70W	7600lm	6500K	85	DA
LL120X LED70 L3000 CW PSU 5 WB	70W	7600lm	6500K	85	WB
LL120X LED140 L3000 NW PSU 5 OP	140W	15200lm	4000K	85	OP
LL120X LED140 L3000 NW PSU 5 DA	140W	15200lm	4000K	85	DA
LL120X LED140 L3000 NW PSU 5 WB	140W	15200lm	4000K	85	WB
LL120X LED140 L3000 CW PSU 5 OP	140W	15200lm	6500K	85	OP
LL120X LED140 L3000 CW PSU 5 DA	140W	15200lm	6500K	85	DA
LL120X LED140 L3000 CW PSU 5 WB	140W	15200lm	6500K	85	WB
LL120X LED35 L1500 NW PSD 7 OP	35W	3800lm	4000K	85	OP
LL120X LED35 L1500 NW PSD 7 DA	35W	3800lm	4000K	85	DA
LL120X LED35 L1500 NW PSD 7 WB	35W	3800lm	4000K	85	WB
LL120X LED35 L1500 CW PSD 7 OP	35W	3800lm	6500K	85	OP
LL120X LED35 L1500 CW PSD 7 DA	35W	3800lm	6500K	85	DA
LL120X LED35 L1500 CW PSD 7 WB	35W	3800lm	6500K	85	WB

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Power	Lumen Output	Color Temperature	Color Rendering	Light Distribution
LL120X LED70 L1500 NW PSD 7 OP	70W	7600lm	4000K	85	OP
LL120X LED70 L1500 NW PSD 7 DA	70W	7600lm	4000K	85	DA
LL120X LED70 L1500 NW PSD 7 WB	70W	7600lm	4000K	85	WB
LL120X LED70 L1500 CW PSD 7 OP	70W	7600lm	6500K	85	OP
LL120X LED70 L1500 CW PSD 7 DA	70W	7600lm	6500K	85	DA
LL120X LED70 L1500 CW PSD 7 WB	70W	7600lm	6500K	85	WB
LL120X LED70 L3000 NW PSD 7 OP	70W	7600lm	4000K	85	OP
LL120X LED70 L3000 NW PSD 7 DA	70W	7600lm	4000K	85	DA
LL120X LED70 L3000 NW PSD 7 WB	70W	7600lm	4000K	85	WB
LL120X LED70 L3000 CW PSD 7 OP	70W	7600lm	6500K	85	OP
LL120X LED70 L3000 CW PSD 7 DA	70W	7600lm	6500K	85	DA
LL120X LED70 L3000 CW PSD 7 WB	70W	7600lm	6500K	85	WB
LL120X LED140 L3000 NW PSD 7 OP	140W	15200lm	4000K	85	OP
LL120X LED140 L3000 NW PSD 7 DA	140W	15200lm	4000K	85	DA
LL120X LED140 L3000 NW PSD 7 WB	140W	15200lm	4000K	85	WB
LL120X LED140 L3000 CW PSD 7 OP	140W	15200lm	6500K	85	OP
LL120X LED140 L3000 CW PSD 7 DA	140W	15200lm	6500K	85	DA
LL120X LED140 L3000 CW PSD 7 WB	140W	15200lm	6500K	85	WB

Intelligence ● Innovation Sensor Control



Philips EcoSet

Intelligent sensor control solution

Oriented towards green environmental protection, taking energy saving and saving customers' lighting costs as its core value, focusing on high-quality lighting and flexible control, using mature and reliable microwave and infra-red sensing technology, without software and network support, for various office spaces, chain stores, parking Intelligent lighting solutions, commercial display, industrial warehousing and other industries.



Simple system architecture



Energy saving and efficiency



Reliable sensor control



Wireless grouping control



Philips EcoSet

Intelligent sensor control solution

“

Save customers money on energy bills

Customized to achieve green energy saving goals

Intelligent sensor control solution ”



Convenient



Reliable



Economical



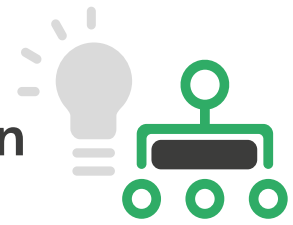
EcoSet Simplicity at it's best

EcoSet solution is ideal to achieve additional energy saving in a Simple, Reliable and an Affordable way. Smart lighting upgrades can reduce electricity usage and carbon dioxide emissions, and help users reduce the burden on their electricity bills.

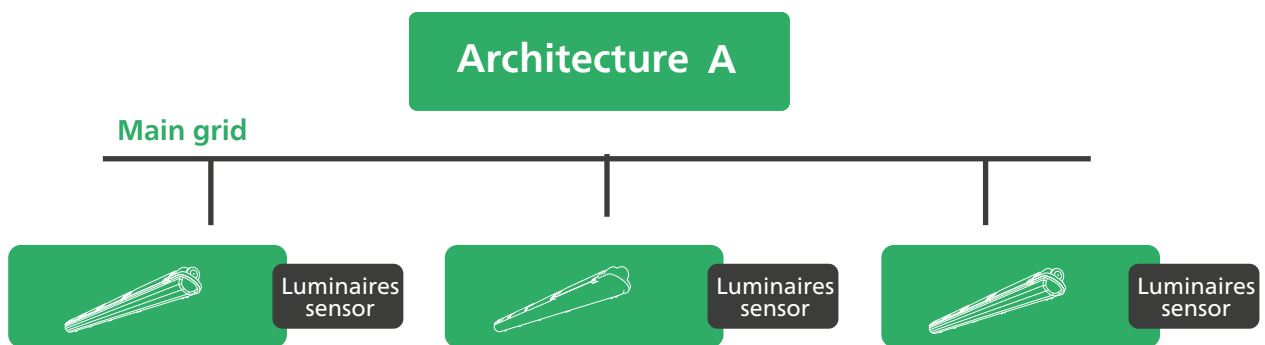
In November 2021, the Ministry of Housing and Urban-Rural Development (in Asian Countries) announced the release of the national standard "General Specifications for Building Energy Conservation and Renewable Energy Utilization", which will be implemented from April 1, 2022. This code is a mandatory engineering construction code, and all provisions must be strictly implemented. The specifications require energy-saving controls in corridors, stairways, foyers, elevator halls, parking garages and other places in new buildings and existing buildings according to needs. Public lighting areas in large public buildings should adopt energy-saving control measures such as zoning, grouping and illumination adjustment.

EcoSet Intelligent sensor control solution

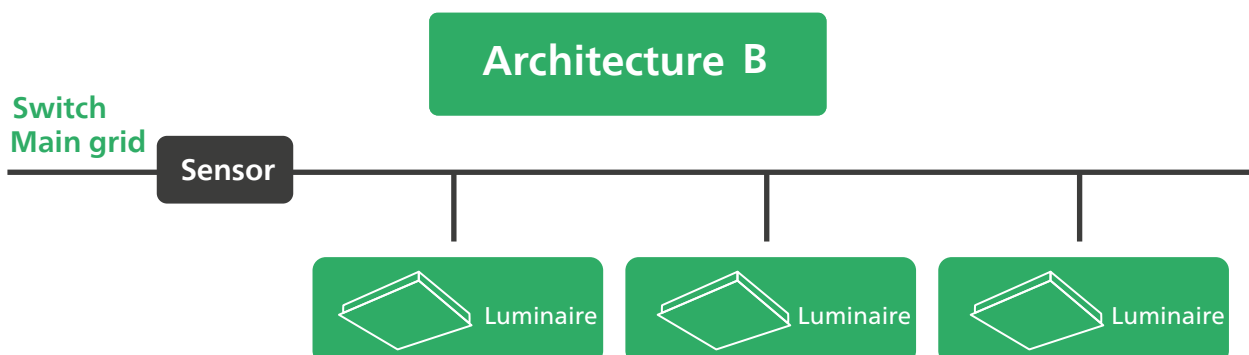
Independent individual control architecture



A single luminaire has a built-in sensor, and the luminaire can be automatically controlled through the sensor in step-by-step dimming. Single luminaire control cannot be grouped.



Automatic sensor based group control and switch on/off lights.



Smart Lighting System

Smart Lighting System



Stand-alone individually controlled product portfolio



GreenPerform WT198X
EcoSet Waterproof bracket
light microwave
sensor version



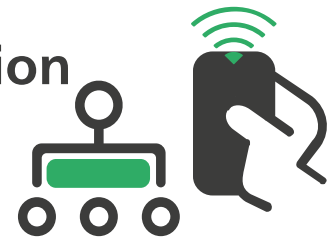
GreenPerform BN398X
EcoSet Bracket light
infrared sensor version



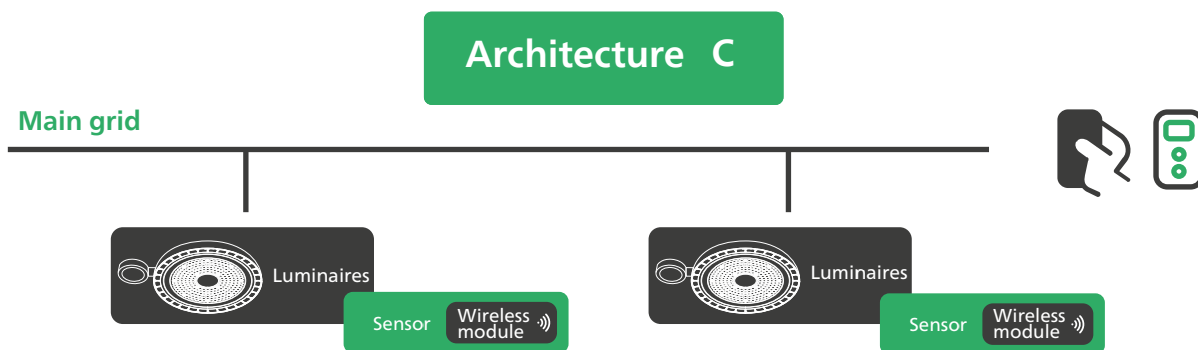
EcoSet SES LCM1060
PIR Sensor Infrared
switch sensor

EcoSet Intelligent sensor control solution

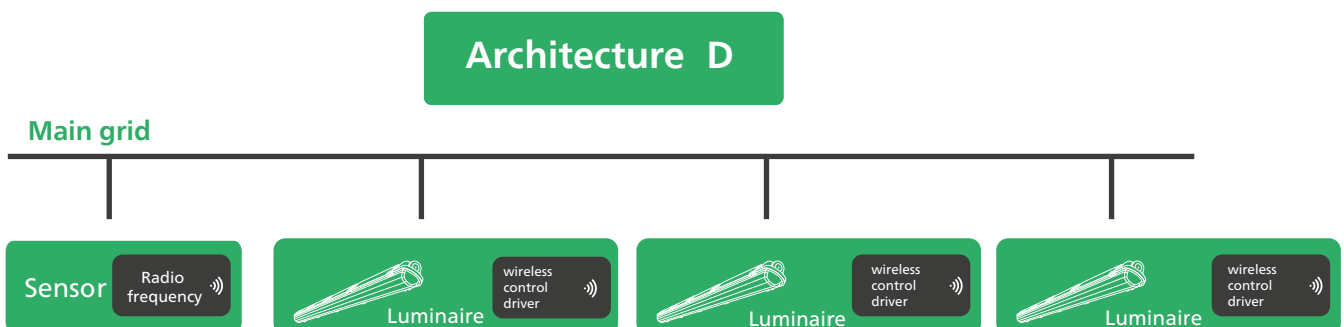
Wireless network control architecture



The luminaire has a built-in wireless control sensor, and the wireless remote control is used for networking and sensor parameter configuration. It supports a maximum of 50 luminaires in one group.



Separate wireless control sensor + wireless control driver luminaires, supporting network-free distance control automatic networking mode (parking lot application), and simple remote control one-click networking mode (office application)





Wireless networking control product portfolio



GreenPerform WT198X EcoSet
Waterproof bracket light wireless
control version



GreenPerform BN398X EcoSet
Stand light wireless control
version



GreenPerform Highbay
BY698 G5 EcoSet
High ceiling light wireless control
version



Direct Panel RC099X G2 EcoSet
Panel light wireless control
version



EcoSet Basic Control
Wireless PIR Sensor SEG101



EcoSet BLE IR Remote Controller
Wireless bluetooth/infrared remote
control



EcoSet BLE Switch Dim
Wireless bluetooth panel switch



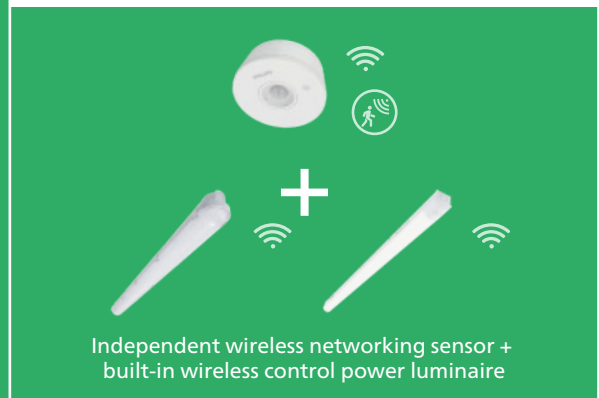
EcoSet Wireless networking parking lot application

Automatic networking

Wireless automatic networking - simple, economical and reliable

- "Plug and play" automatic networking mode, networking based on distance
- Built-in wireless control power supply for luminaires
- Independent wireless control sensor controls a group of luminaires
- Used in applications that do not require precise group control, such as underground parking field or other application places

"Plug and play" automatic networking



No debugging required	Automatic networking	Sensor parameter settings
<div></div> <p>Power ups</p> <div></div> <p>Work</p> <div style="background-color: black; color: white; padding: 5px; text-align: center;">"Plug and Play"</div>	<p>Step 1: Power on the light fixture</p> <p>Step 2: Complete</p> <p>Networking mode: Broadcast method based on distance from the sensor</p> <p>Automatic networking</p> <div style="text-align: center;"> <p>Built-in wireless control power luminaire</p> <p>Independent wireless networking PIR sensor</p> </div>	<p>Set sensing parameters through DIP switches</p> <div style="text-align: center;"> </div> <p>Battery powered sensor</p>

Automatic networking, no debugging required

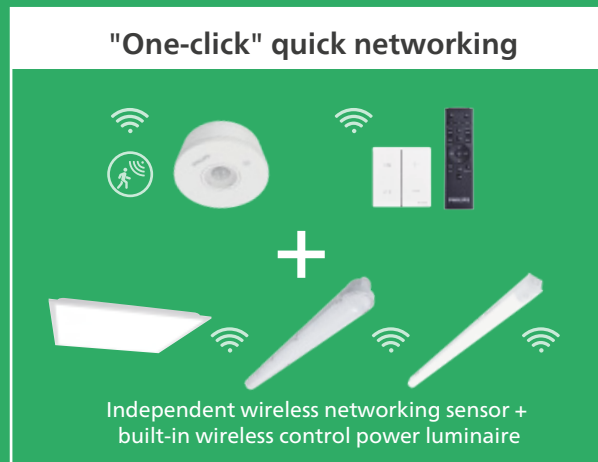


EcoSet Wireless networking office applications

Remote control one-click networking

One-click wireless networking - simple, economical and reliable

- "One-click" networking mode, one-click networking of luminaires in the same circuit
- Built-in wireless control power supply for luminaires
- Independent wireless control sensor controls a group of luminaires
- Used in indoor workplaces such as offices, conference rooms, leisure areas, etc.



No debugging required	"One-click" networking	Sensor parameter settings
<div></div> <p>Power ups</p> <div></div> <p>One-click networking</p> <div></div> <p>Work</p>	<p>Step 1: Turn on the wireless network through the remote control buttons</p> <p>Step 2: Energize the target group loop lamps</p> <p>Step 3: Turn on the sensor switch and the sensor will automatically join target network</p> <p>Step 4: Complete</p>	<p>Method 1: Set via remote control</p> <p>Method 2: Set by sensor DIP switch</p> <div></div> <p>Battery powered sensor</p>
<p>Built-in wireless control power luminaire</p> <p>Independent wireless networking PIR sensor</p> <p>Battery switch panel</p> <p>Remote control</p>		
<p>Simple debugging, "one-click" networking</p>		



EcoSet Wireless networking industrial site applications

"Remote control fast" networking

Remote control networking - simple, economical and reliable

- Remote control networking mode, a simpler networking method for industrial applications
- The luminaire has built-in wireless control power supply and PIR sensor
- Unified control of luminaires in the same group
- Used in industrial plants, warehouses and other application places

Remote control networking method



Infrared remote control + built-in wireless control power supply and PIR sensor luminaires

Easy to operate



Power ups



Networking



Work

Networking

- Step 1: Power on the luminaire
- Step 2: Turn on the network with one click (via remote control)
- Step 3: Add fixtures (via remote control)
- Step 4: Complete

Sensor settings

- Step one: Select the group with one click (lights flashing)
- Part 2: Set delay time and safe illumination value (via remote control)



Light fixtures with wireless sensors



Light fixtures with wireless sensors



Remote control

A simpler way to network lighting fixtures for industrial applications



PHILIPS

High Quality LED Waterproof Luminaire

GreenPerform WT198X EcoSet waterproof luminaire microwave version features elegant and compact appearance, high-quality PC housing, IP65 protection performance, and the ability to effectively guard against the intrusion of water and dust. This product supports open-cover maintenance. Its special waterproof design can prevent water vapor from entering it, and no ventilator is required. With an efficiency of up to 140lm/W, a professional light distribution design, and a micro-prism shell, it can simultaneously achieve high-quality lighting effect, high efficiency, and energy saving. The built-in microwave sensor can sense the motion of people or objects to achieve automatic dimming, ensuring comfortable and safe functional lighting and realizing further energy saving at the same time.

Product features

Automatic dimming

A built-in microwave sensor is used to realize automatic dimming, thus achieving further energy saving.

Applicability to different scenarios

Lambert light distribution and batwing light distribution are provided to meet the needs of different applications.

Long service life

With a service life of 50,000 hours L70B50@Ta25°C

Plug and play

No control system or software is required, and the plug-and-play functionality ensures simple operation and cost efficiency

Energy-efficient

With an ultra-high luminous efficacy of 140lm/W, high-efficient and energy-saving

Applicable environment

Suitable for challenging environments thanks to microwave sensor

Main Applications

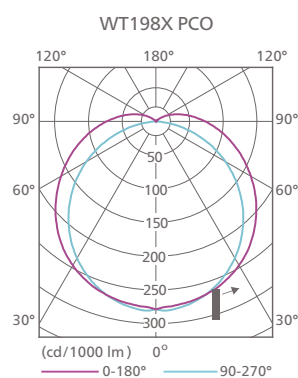
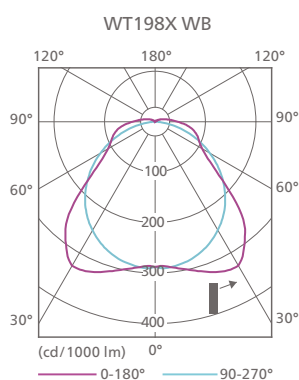
- Parking areas
- Aisles
- Logistics warehouses



Technical parameters

Product model	L600	L1200	L1500		
Lumen output ± 10% (WB version)	2000lm	2700lm	4000lm	6000lm	8200lm
Lumen output ± 10% (PCO version)	1900lm	2600lm	3800lm	5700lm	7700lm
System power ±10% (WB version)	16W	21W	29W	43W	57W
System efficiency ±10% (WB version)	120lm/W	128lm/W	138m/W	140lm/W	140lm/W
System efficiency ±10% (PCO version)	113lm/W	123lm/W	131lm/W	133lm/W	134lm/W
Dimensions (LxWxH)	665x80x85mm	1215x80x85mm	1215x80x85mm	1515x80x85mm	1515x80x85mm
Light distribution	Frosted diffuser PCO-Lambert's model, micro-prism diffuser WB-batwing				
Power factor	>0.9				
Color temperature	NW-4000K ; CW-6500K				
Color rendering index (CRI)	>80				
Color tolerance	SDCM ≤ 3				
IP grade	IP65				
IK grade	IK08				
Safety class	Class I				
Anti-surge protection	1kV/2kV				
Input voltage	220-240V ~, 50/60 Hz				
Operating temperature	-20 ~ +45°C (+50°C on request)				
Service life	50,000 hours @L70B50 , Ta25°C				
Body material	Body: PC/transparent cover: PC				
Installation method	Surface mount, suspension				

Light distribution curve

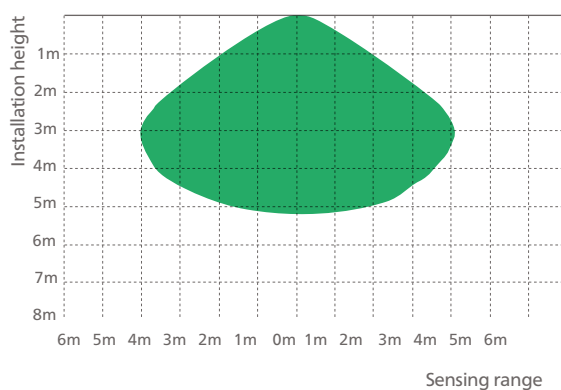


Sensor specifications

Technical indicator	Specification
Sensor type	Microwave
Installation height	2.5-4m
Sensing range at an installation height of 3 m	≥4m (people or vehicles traveling at a speed of 0.5-1 meters/second can be detected); ≥2m (vehicles traveling at a speed of 2 meters/second can be detected); ≥1.5m (vehicles traveling at a speed of 3 meters/second can be detected)
Dimming delay time (factory setting)	1 min
Dimming amplitude	20%/100% brightness two-stage automatic dimming (when the sensor detects any moving person or vehicle, the lumen output will be adjusted to 100%, and when there is no moving object, the lumen output will be adjusted to 20% after 1 minute)
Operating temperature	-20°C ~ +45°C (50°C on request)

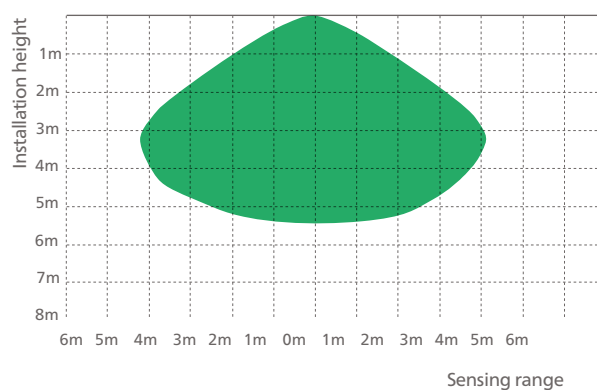
*The sensing range is tested under a conventional environment.

Sensing range schematic diagram



Testing condition: moving speed 0.5-1 meter/second

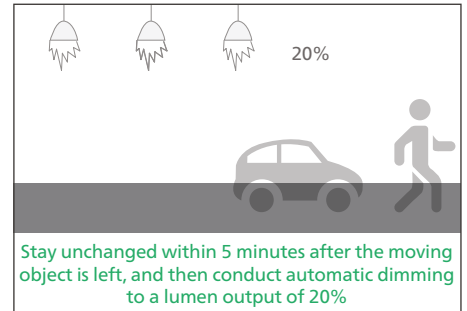
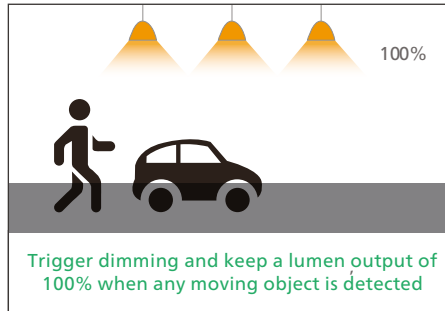
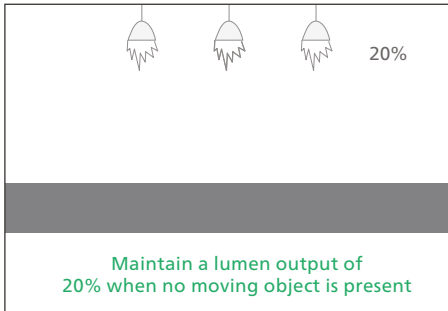
Sensing range:



Testing condition: moving speed 4 meter/second

Sensing range:

Dimming schematic diagram



Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product description (In built microwave sensor)

- WT198X LED20S/840 L1 S L600
- WT198X LED20S/865 L1 S L600
- WT198X LED27S/840 L1 S L1200
- WT198X LED40S/840 L1 S L1200
- WT198X LED27S/865 L1 S L1200
- WT198X LED40S/865 L1 S L1200
- WT198X LED60S/840 L1 S L1500
- WT198X LED82S/840 L1 S L1500
- WT198X LED60S/865 L1 S L1500
- WT198X LED82S/865 L1 S L1500
- WT198X LED19S/840 L1 S PCO L600
- WT198X LED19S/865 L1 S PCO L600
- WT198X LED26S/840 L1 S PCO L1200
- WT198X LED38S/840 L1 S PCO L1200
- WT198X LED26S/865 L1 S PCO L1200
- WT198X LED38S/865 L1 S PCO L1200
- WT198X LED57S/840 L1 S PCO L1500
- WT198X LED77S/840 L1 S PCO L1500
- WT198X LED57S/865 L1 S PCO L1500
- WT198X LED77S/865 L1 S PCO L1500

PHILIPS

Reliable and Durable LED Luminaire

GreenPerform BN398X EcoSet Luminaire PIR (Infrared Sensor) version features an outstanding optical design and a high luminous efficacy of up to 140lm/W, and is provided with multiple light distribution options to satisfy the requirements of different applications, flexible and easy to install, reliable and durable. The built-in PIR infrared sensor can detect the motion of people, thus achieving automatic dimming, and ensuring comfortable and safe functional lighting and further energy saving at the same time.

Product features

Automatic dimming

A built-in PIR sensor is used to realize automatic dimming, thus achieving further energy saving.

Applicability to different scenarios

Lambert light distribution and batwing light distribution are provided to meet the needs of different applications

Long service life

With a service life of 50,000 hours L70B50@Ta25°C

Plug and play

No control system or software is required, and the plug-and-play functionality ensures simple operation and cost efficiency.

Energy-efficient

With an ultra-high luminous efficacy of 140lm/W, high-efficient and energy-saving

Applicable environment

Applicable to an ambient temperature from -20°C to 40°C

Main Applications

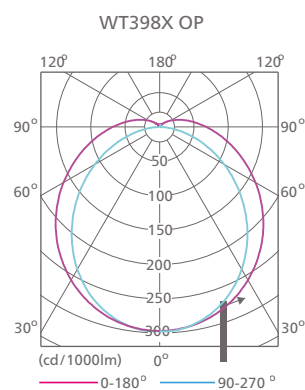
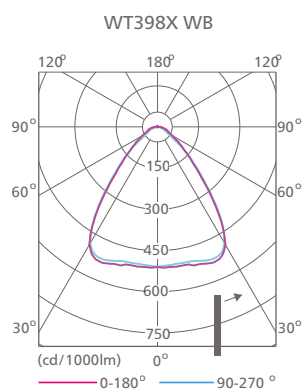
- Logistics warehouses
- Aisles
- Convenience stores



Technical parameters

Product model	L600	L1200	L1500
System power ±10%	13.5W	26W	49W
Lumen output ± 10%	2000lm (WB) ; 2200lm (OP)	3800lm (WB) ; 3700lm (OP)	6900lm (WB) ; 6800lm (OP)
System efficiency ±10%	140lm/W	140lm/W	135lm/W
Size	626x58x58mm	1188x58x58mm	1489x58x58mm
Light distribution	WB wide light distribution/OP Lambert light distribution		
Power factor	0.9		
Color temperature	NW (4000K) ; CW (6500K)		
Serial connection mode	Independent installation		
Color rendering index (CRI)	>80		
Color tolerance	SDCM ≤ 5		
IP grade	IP20		
Safety class	Class I		
Input voltage	220-240V ~, 50/60 Hz		
Outlet method	Back outlet		
Service life	50,000 hours @L70B50 , Ta25°C		
Operating temperature	- 20 °C ~ +40°C		
Body material	Body: 0.6mm cold-roll steel sheet/transparent cover: PMMA		
Installation method	Surface mount; suspension		

Light distribution curve

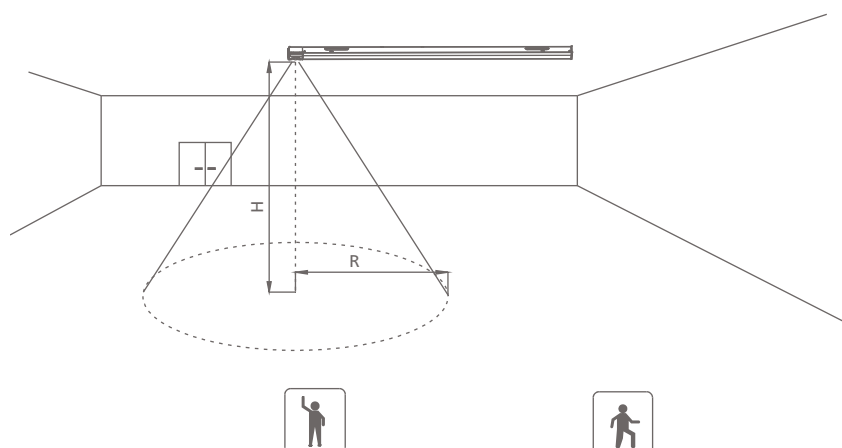


Sensor specifications

Technical indicator	Specification
Sensor type	PIR infrared
Installation height	2.5-4m
Sensing range at an installation height of 3 meters*(radius)	≥3m (large movements can be detected); ≥2m (small movements can be detected)
Dimming delay time (factory setting)	5 min
Dimming amplitude	20%/100% brightness two-stage automatic dimming (when the sensor detects any moving person, the lumen output will be adjusted to 100%, and when there is no moving object, the lumen output will be adjusted to 20% after 5 minutes)
Operating temperature at which the sensor can achieve optimal performance	0°C ~ +30°C

*The sensing range is tested under a conventional environment.

Sensing range schematic diagram



Installation height H	Minor movement* Sensing radius (R)	Large movement* Sensing radius (R)
3 meters	2 meters	3 meters

*Please refer to NEMA WD 7 standard for the definitions of movements.

EcoSet SES LCM1060 PIR Sensor Infrared Switch Sensor



Automatic-control Infrared Switch Sensor

EcoSet SES LCM1060 motion and illuminance sensor utilizes PIR infrared sensing technology to automatically control the closing and opening of the circuit. It will turn on the LUMs on the circuit when detecting the movement of people and turn off the same automatically after the people leave, which is a simpler and more economical way of automatic control and can achieve further energy saving. The surface mount/recessed two-in-one installation method ensures convenience and flexibility.

Product features

Automatic dimming

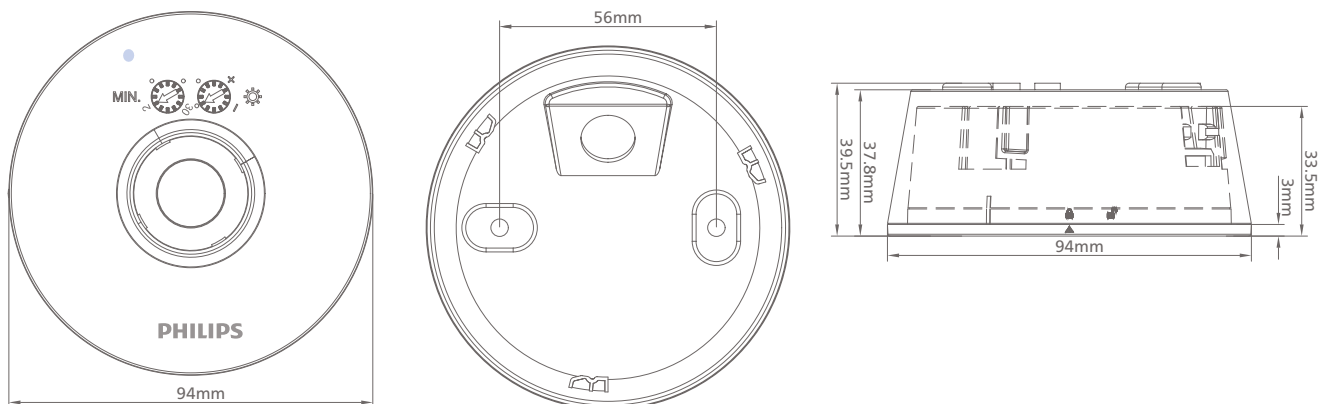
Infrared sensing technology is utilized to realize movement detection. The delay time and illuminance sensing values may be adjusted at site.

Long service life

With a service life of 50,000 hours @Ta25°C

Easy installation

Surface mount/recessed two-in-one installation method, with no need of ordering mounting accessories separately



Main Applications

- Office
- Conference room
- Corridors
- Washrooms
- Fitting rooms
- Staircases



Technical parameters

LCM1060	Specification
Sensor type	PIR infrared sensing (movement), illumination sensing (light sensing)
Installation height	2.5-4 meters
Sensing radius range (at an installation height of 3 meters)	3 meters (large movements can be detected); 2 meters (small movements can be detected)
Illumination sensing	Off/10/30/100lux (it should be the illumination entering the sensor, rather than desktop illumination, and light sensing takes precedence over human sensing)
Delay time	2 (factory setting)/5/15/30 minutes
Size	∅94x39.5mm
Cable diameter	0.75-1.5 mm ² (adapters need to be used for connection with 2.5mm ² cables)
Input voltage	220-240V ~, 50/60Hz
Surge protection	1kV/2kV
Maximum load (operating load)	800W
Stand-by power consumption	<1.5W
Maximum inrush current	100A
Safety class	Class I
Body material	Engineering plastics PC
IP grade	IP20
Operating temperature	-20°C ~ +55°C *
Service life	50,000 hours @Ta25°C
Installation method	Surface mount/recessed

* PIR sensing performance in temperature control environment (ambient temperature: 25°C)

Function

Human movement sensing

When any moving person is detected, the LUMs on the circuit will be turned on automatically. When the person leaves, the LUMs will be turned off after a period of delay (the delay time is adjustable: 2/5/15/30 minutes)

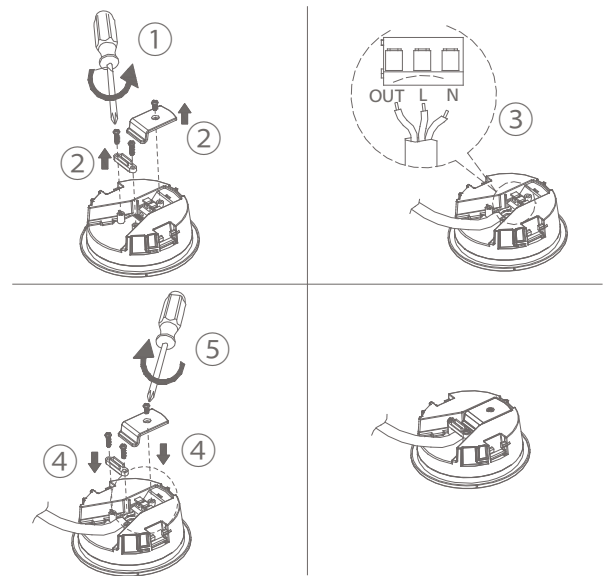
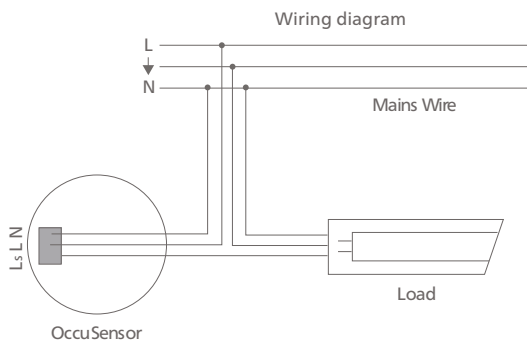
Illumination sensing

Illumination sensing is prioritized. When enough illumination is detected, the LUMs will be kept off.

Installation

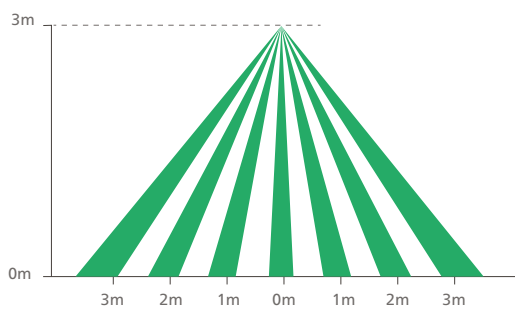
Surface mount/recessed two-in-one installation method, with no need of ordering mounting accessories separately

The mounting position should be away from the air inlet and outlet to prevent hot air from mistakenly triggering the sensor and avoid the formation of condensate water. Heat sources such as heating radiator shall be avoided in the sensing range.

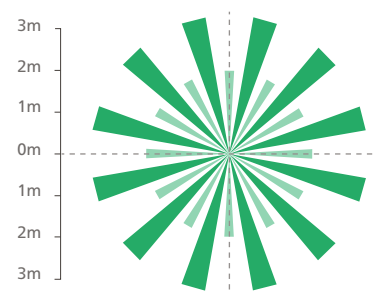


Installation height and sensing range

Installation height: 3 meters, ambient temperature: 25°C



Typical installation height



Sensing range radius

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product description

SES LCM1060 Occ PIR WH



Intelligent and Efficient LED Waterproof Luminaire

GreenPerform WT198X EcoSet waterproof wireless control version features an elegant and compact appearance, high-quality PC housing, IP65 protection performance, and the ability to effectively guard against the intrusion of water and dust. This product supports open-cover maintenance. Its special waterproof design can prevent water vapor from entering it, and no ventilator is required. With an efficiency of up to 140lm/W, a professional light distribution design, and a micro-prism shell, it can simultaneously achieve high-quality lighting effect, high efficiency, and energy saving. The product has a built-in wireless control driver, which utilizes Bluetooth technology to achieve communication with the external sensor. The broadcast mode or fast networking network mode is adopted to achieve grouped automatic dimming control of luminaires, thus ensuring comfortable and safe functional lighting and realizing further energy saving at the same time.

Product features

- Built-in Bluetooth wireless control power supply for two-stage dimming: 20%, 100%
- 3 lumen outputs (2000/4000/8200lm), 3 lengths (600/1200/1500mm)
- With a long service life of 50,000 hours @Ta25°C
- Distance broadcast-based automatic networking control, or precise networking via remote-control unit
- Energy-efficient, 140lm/W
-

Main Applications

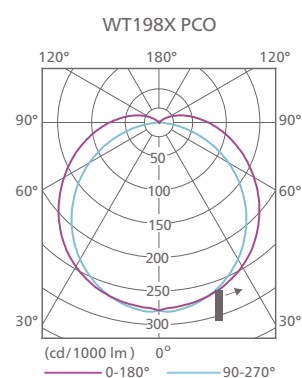
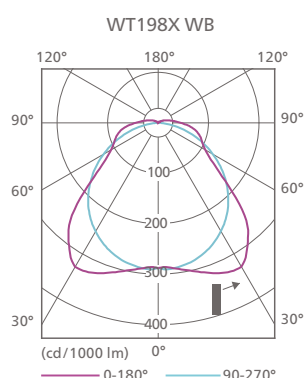
- Parking areas
- Aisles
- Logistics warehouses



Technical parameters

Product model	L600	L1200		L1500	
Lumen output ± 10% (WB version)	2000lm	2700lm	4000lm	6000lm	8200lm
Lumen output ± 10% (PCO version)	1900lm	2600lm	3800lm	5700lm	7700lm
System power ±10% (WB version)	16W	21W	29W	43W	57W
System efficiency ±10% (WB version)	120lm/W	128lm/W	138m/W	140lm/W	140lm/W
System efficiency ±10% (PCO version)	113lm/W	123lm/W	131lm/W	133lm/W	134lm/W
Dimensions (LxWxH)	665x80x85mm	1215x80x85mm	1215x80x85mm	1515x80x85mm	1515x80x85mm
Light distribution	Frosted diffuser PCO-Lambert's model, micro-prism diffuser WB-batwing				
Power factor	>0.9				
Color temperature	NW-4000K ; CW- 500K				
Color rendering index (CRI)	>80				
Color tolerance	SDCM ≤ 3				
IP grade	IP65				
IK grade	IK08				
Safety class	Class I				
Anti-surge protection	1kV/2kV				
Input voltage	220-240V ~, 50/60 Hz				
Operating temperature	-20 ~ +40°C (+50°C via ETO)				
Service life	50,000 hours @L70B50 , Ta25°C				
Body material	Body: PC/transparent cover: PC				
Communication technology	Bluetooth Mesh				
Installation method	Surface mount, suspension				

Light distribution curve



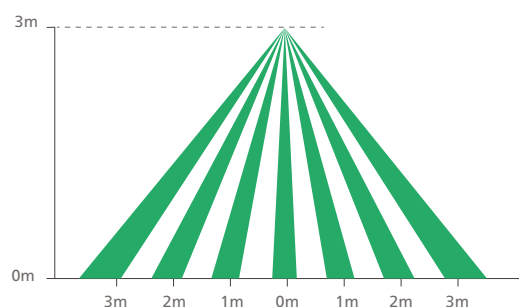
Sensor specifications (external sensor needs to be ordered separately)

PIR infrared sensor	Specification
Sensing technology	PIR infrared
Sensor type	Movement sensing
Optimal installation height	2.5-4m
Power supply mode	AA dry battery (with a service life of 3 years)
Sensing radius range*(at an installation height of 3 meters)	3 meters (large movements can be detected); 2 meters (small movements can be detected)
Delay time	3 minutes by default (adjustable among 3/10/15/30 minutes)
Safe illuminance	20% by default (adjustable among 20%/30%/50%/70%)
Manual dimming range (via remote-control unit)	20%-100% (dimming at a step of 10%)
Operating temperature	-20°C ~ +55°C **
IP/IK grade	IP20, IP65/IK03
On-site parameter setting	Yes (remote-control unit or dial switch is used)
Wireless communication protocol	Bluetooth Mesh
Networking quantity	50 at maximum
Installation method	Ceiling installation

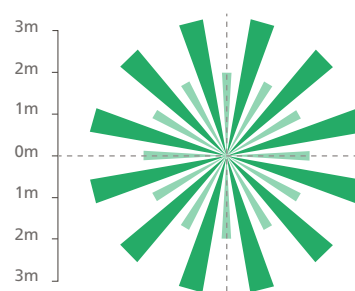
*The sensing range is tested under a conventional environment.

** PIR sensing performance in temperature control environment (ambient temperature: 25°C)

Installation height and sensing range

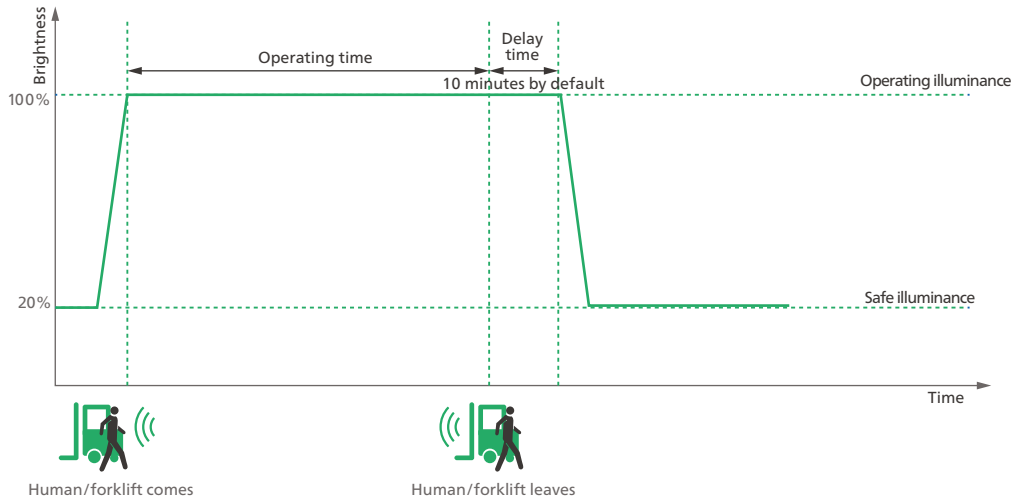


Typical installation height



Sensing range radius

Dimming schematic diagram



Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product description (compatible sensor to be ordered separately)

- WT198X LED20S/840 L1 W L600
- WT198X LED27S/840 L1 W L1200
- WT198X LED40S/840 L1 W L1200
- WT198X LED60S/840 L1 W L1500
- WT198X LED82S/840 L1 W L1500
- WT198X LED20S/865 L1 W L600
- WT198X LED27S/865 L1 W L1200
- WT198X LED40S/865 L1 W L1200
- WT198X LED60S/865 L1 W L1500
- WT198X LED82S/865 L1 W L1500
- WT198X LED19S/840 L1 W PCO L600
- WT198X LED26S/840 L1 W PCO L1200
- WT198X LED38S/840 L1 W PCO L1200
- WT198X LED57S/840 L1 W PCO L1500
- WT198X LED77S/840 L1 W PCO L1500
- WT198X LED19S/865 L1 W PCO L600
- WT198X LED26S/865 L1 W PCO L1200
- WT198X LED38S/865 L1 W PCO L1200
- WT198x LED57S/865 L1 W PCO L1500
- WT198X LED77S/865 L1 W PCO L1500

PHILIPS

Intelligent Interconnected LED Luminaires

GreenPerform BN398X EcoSet luminaires wireless control version features an outstanding optical design and a high luminous efficacy of up to 140lm/W, and is provided with multiple light distribution options to satisfy the requirements of different applications, flexible and easy to install, reliable and durable. The product has a built-in wireless control driver, which utilizes Bluetooth technology to achieve communication with the external sensor. The broadcast mode or fast networking network mode is adopted to achieve grouped automatic dimming control of LUMs, thus ensuring comfortable and safe functional lighting and realizing further energy saving at the same time.

Product features

- Built-in Bluetooth wireless control power supply for two-stage dimming: 20%,100%
- With a long service life of 50,000 hours @Ta25°C
- 4 lumen outputs (2200/3700/6800/7400lm), 3 lengths (600/1200/1500mm)
- Distance broadcast-based automatic networking control, or precise networking via remote-control unit
- Energy-efficient, 140lm/W

Main Applications

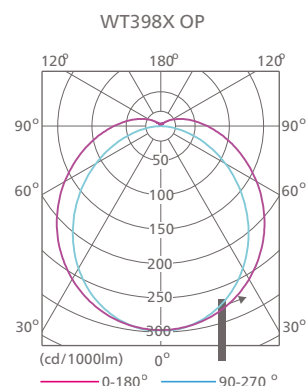
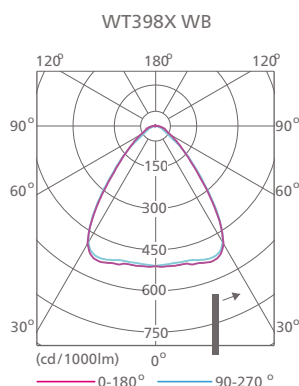
- Logistics warehouses
- Aisles
- Convenience stores



Technical parameters

System power ±10%	L600	L1200	L1500
System power ±10%	15W	26W	49W
Lumen output ± 10%	2000lm (WB)	3800lm (WB)	6900lm (WB)
	2200lm (OP)	3700lm (OP)	6800lm (OP)
System efficiency ±10%	140lm/W	140lm/W	135lm/W
	626x58x58mm	1188x58x58mm	1489x58x58mm
Light distribution	WB wide light distribution/OP Lambert light distribution		
Power factor	0.9		
Color temperature	NW (4000K) ; CW (6500K)		
Serial connection mode	Standalone installation		
Color rendering index (CRI)	>80		
Color tolerance	SDCM ≤ 5		
IP grade	IP20		
Safety class	Class I		
Input voltage	220-240V ~, 50/60 Hz		
Service life	50,000 hours @L70B50 , Ta25°C		
Operating temperature	- 20 °C ~ +40°C		
Body material	Body: 0.6mm cold-roll steel sheet/transparent cover: PMMA		
Communication technology	Bluetooth Mesh		
Installation method	Surface mount; suspension		

Light distribution curve



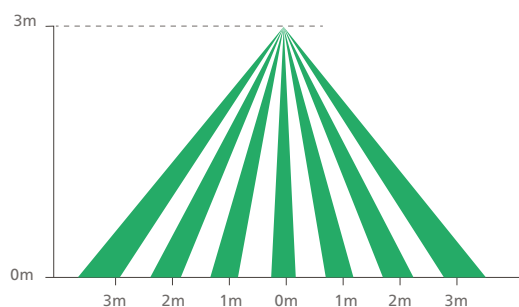
Sensor specifications (external sensor needs to be ordered separately)

PIR infrared sensor	Specification
Sensing technology	PIR infrared
Sensor type	Movement sensing
Optimal installation height	2.5-4m
Power supply mode	AA dry battery (with a service life of 3 years)
Sensing radius range*(at an installation height of 3 meters)	3 meters (large movements can be detected); 2 meters (small movements can be detected)
Delay time	3 minutes by default (adjustable among 3/10/15/30 minutes)
Safe illuminance	20% by default (adjustable among 20%/30%/50%/70%)
Manual dimming range (via remote-control unit)	20%-100% (dimming at a step of 10%)
Operating temperature	-20°C ~ +55°C**
IP/IK grade	IP20, IP65/IK03
On-site parameter setting	Yes (remote-control unit or dial switch is used)
Wireless communication protocol	Bluetooth Mesh
Networking quantity	50 at maximum
Installation method	Ceiling installation

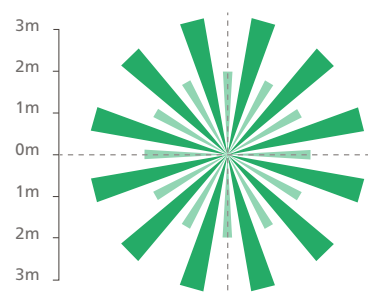
*The sensing range is tested under a conventional environment.

*** PIR sensing performance in temperature control environment (ambient temperature: 25°C)

Installation height and sensing range

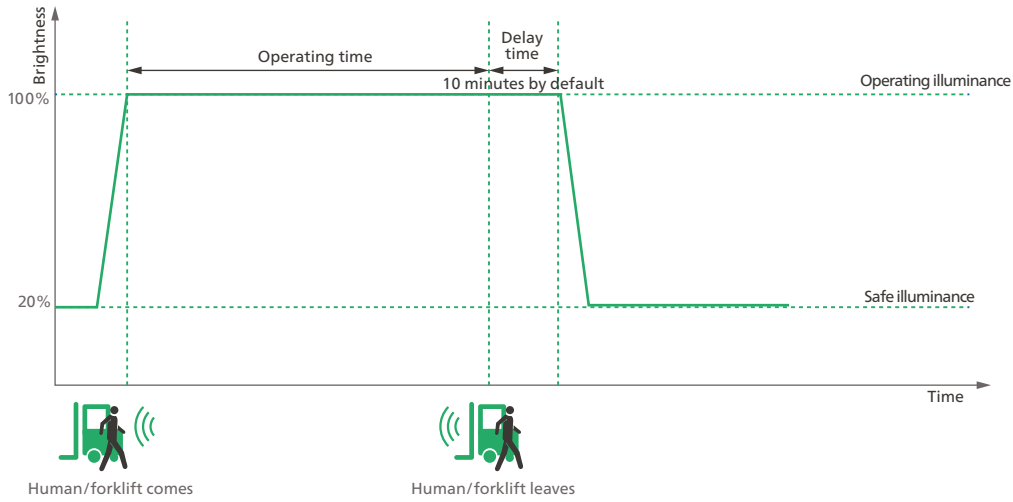


Typical installation height



Sensing range radius

Dimming schematic diagram



Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product description (Compatible sensor to be ordered separately)

BN398X LED20/840 L600 L1 W OP

BN398X LED20/865 L600 L1 W OP

BN398X LED20/840 L600 L1 W WB

BN398X LED20/865 L600 L1 W WB

BN398X LED40/840 L1200 L1 W OP

BN398X LED40/865 L1200 L1 W OP

BN398X LED40/840 L1200 L1 W WB

BN398X LED40/865 L1200 L1 W WB

BN398X LED69/840 L1200 L1 W OP

BN398X LED69/865 L1200 L1 W OP

BN398X LED70/840 L1500 L1 W OP

BN398X LED70/865 L1500 L1 W OP

BN398X LED69/840 L1200 L1 W WB

BN398X LED69/865 L1200 L1 W WB

BN398X LED70/840 L1500 L1 W WB

BN398X LED70/865 L1500 L1 W WB

Installation accessories

BY398Z CM-S ceiling mounting bracket (symmetrical)

BY398Z SPM-S suspension mounting bracket (symmetrical)

BY208Z SP suspension rod mounting bracket

PHILIPS

High-Performance Universal LED High-Bay Luminaire

With the lasting market reputation of high performance and high reliability, GreenPerform Highbay BY698 G5, the fifth-generation Philips classic high-bay luminaire, provides market-leading ultra-high light efficacy and ultra-long service life, thus saving energy and lowering maintenance cost to a maximum extent. The single-LED independent optical lens design ensures high-quality optical performance, good glare control and illumination uniformity, as well as the elimination of yellow spot phenomenon. EcoSet wireless-control sensing version provides a wireless-control lighting solution for industrial applications. Equipped with inductive probe, the product has the functions of "light sensing" and "human sensing", and supports single-luminaire control and grouped control without the need for gateways and software, achieving further energy saving with a simpler and more economical way of control.

Product features

Innovative design

2022 Red Dot Award for Lighting Products

Flexible control mode

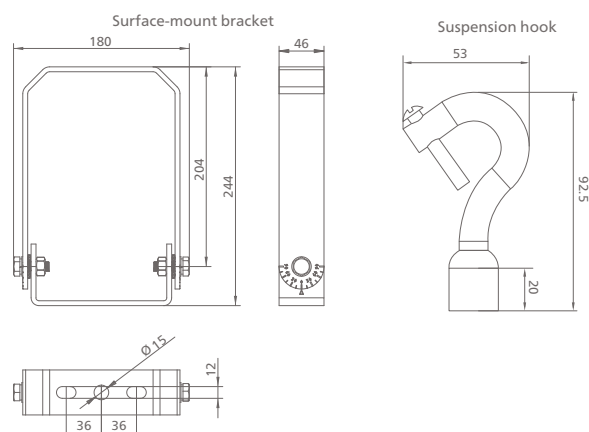
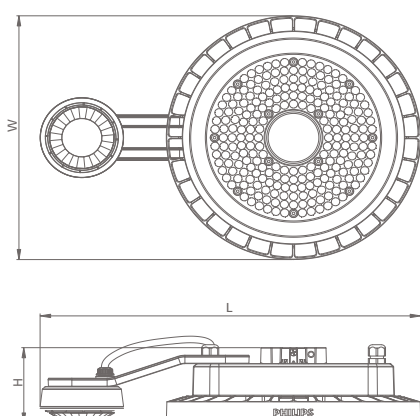
Single light control or group control options

Automatic control

Automatic movement sensing and light sensing, step dimming

Full range of products

With an ultra-high system luminous efficacy of 160lm/W, and available in 3 dimensions, 5 luminous flux outputs, and 2 color temperatures



Main Applications

- Warehouse
- Factories
- High ceiling areas
- Cold storage



Technical parameters

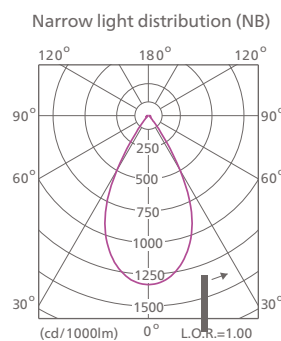
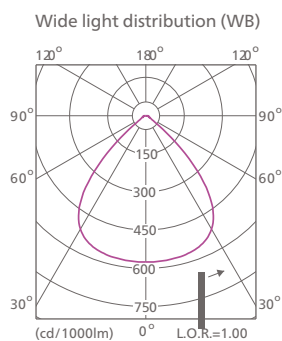
Product model	LED105	LED150	LED200	LED250	LED300
Lumen output (typical value)	10500lm	15000lm	20000lm	25000lm	30000lm
System power (typical value)	67W	95W	126W	157W	192W
System luminous efficacy (typical value)	160lm/W				
Deviation range	-10%/+10%				
Color temperature (typical value)	4000K/6500K				
Color rendering index (CRI)	80				
Color tolerance	SDCM 5				
IP/IK grade, corrosion-proof grade	IP65/IK08 (LUM), IK03 (probe), WF2 (LUM)				
Safety class	Class I				
Operating temperature	-30°C to +50°C (Ta35°C)*				
Service life	50,000 hour @L70B50, ta35°C				
Light distribution	Wide light distribution WB, narrow light distribution NB				
Glare index (UGR)	25 (WB) ; 22 (NB)				
Input voltage	220-240V ~, 50/60 Hz				
Power factor	0.95				
Surge protection	2KV/4KV				
Total harmonic distortion (THD)	<15% (<20% for LED105)				
Power ripple	<30%				
Installation method	Suspension (hooks/hanger rods); surface-mount (brackets); (hooks and brackets need to be ordered separately)				
LUM body color	Grey (RAL7012)				
Diameter	Ø290mm	Ø290mm	Ø330mm	Ø393mm	Ø393mm
Height	100mm	100mm	100mm	110mm	110mm
Weight	2.1Kg	2.1Kg	2.8Kg	4.5Kg	4.5Kg

* PIR sensing performance in temperature control environment (ambient temperature: 25°C)

EcoSet wireless control version

Model (BY698X G5)	LED105	LED150	LED200	LED250	LED300
Length L	435mm	435mm	470mm	530mm	530mm
Width W	290mm	290mm	330mm	393mm	393mm
Height H	100mm	100mm	110mm	110mm	110mm

Light distribution curve

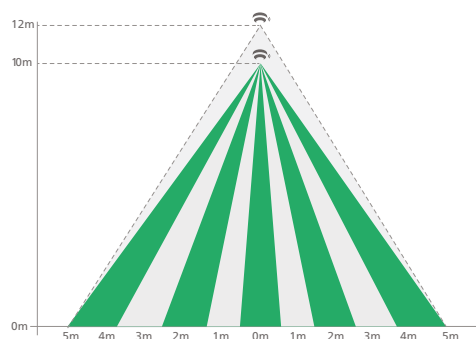


Sensor specifications

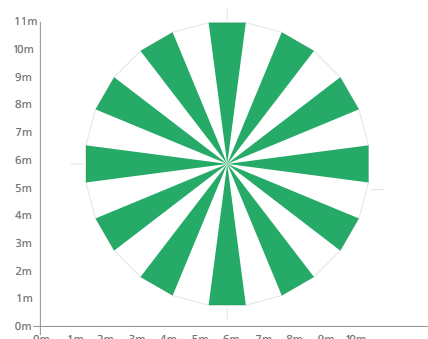
PIR infrared sensor	Specification
Sensing technology	PIR infrared & light sensing
Sensor type	Movement sensing and illumination sensing
Optimal installation height	6-12m
Sensing range (diameter)	Sensing range diameter = installation height
Delay time	10 minutes by default (adjustable among 3/10/15/30 minutes)
Safe illuminance	20% by default (20%/30%/50%/70%)
Manual dimming range (via remote-control unit)	Adjustable from 20% to 100% (dimming at a step of 10%)
Operating temperature	-30°C~+55°C*
IP/IK grade	IP65 / IK03
Daylight sensing	Yes (off by default)
On-site parameter setting	Yes (via remote-control unit)
Wireless communication protocol	Bluetooth Mesh & Infrared (IR)
Networking quantity	50 at maximum

* PIR sensing performance in temperature control environment (ambient temperature: 25°C)

Installation height and sensing range

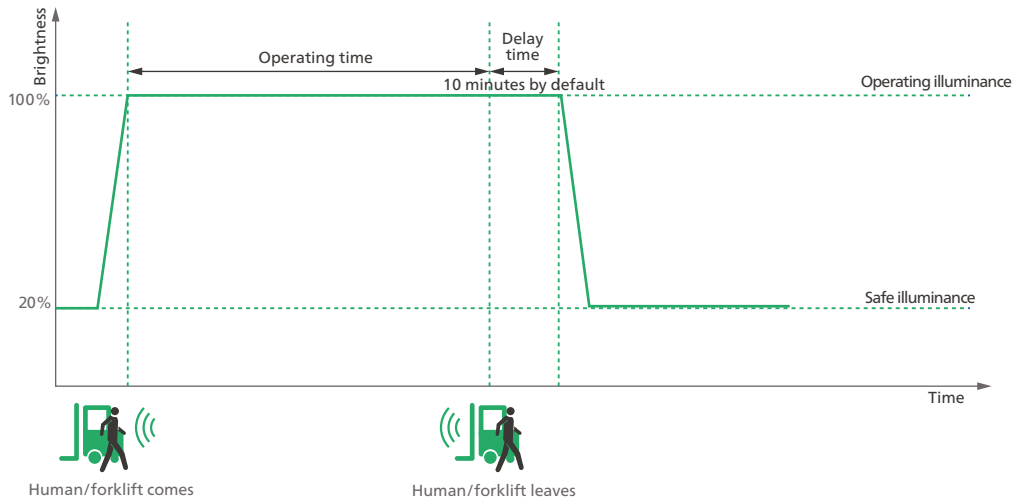


*Optimal installation height 6-10 meters
*Optimal installation height 12 meters



*Sensing range diameter 10 meters (25°C ambient temperature)

Dimming schematic diagram



Product information

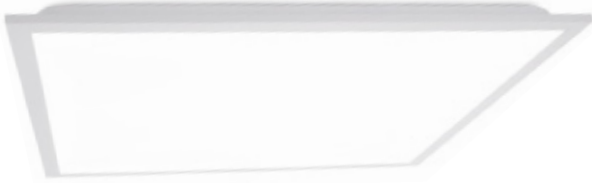
Comprehensive selection of product codes available, contact Signify Middle East.

Product description	Product Specifications (In built sensor)
BY698xG5 LED105/NW L1 W WB	67W, 10500lm, 4000K, EcoSet (L1) wireless, Wide Beam
BY698xG5 LED105/CW L1 W WB	67W, 10500lm, 6500K, EcoSet(L1) wireless, Wide Beam
BY698xG5 LED150/NW L1 W WB	95W, 15000lm, 4000K, EcoSet (L1) wireless, Wide Beam
BY698xG5 LED150/CW L1 W WB	95W, 15000lm, 6500K, EcoSet (L1) wireless, Wide Beam
BY698xG5 LED200/NW L1 W WB	126W, 20000lm, 4000K, EcoSet (L1) wireless, Wide Beam
BY698xG5 LED200/CW L1 W WB	126W, 20000lm, 6500K, EcoSet (L1) wireless, Wide Beam
BY698xG5 LED250/NW L1 W WB	157W, 25000lm, 4000K, EcoSet (L1) wireless, Wide Beam
BY698xG5 LED250/CW L1 W WB	157W, 25000lm, 6500K, EcoSet(L1) wireless, Wide Beam
BY698xG5 LED300/NW L1 W WB	192W, 30000lm, 4000K, EcoSet(L1) wireless, Wide Beam
BY698xG5 LED300/CW L1 W WB	192W, 30000lm, 6500K, EcoSet (L1) wireless, Wide Beam

Installation accessories

BY698ZG5 Bracket	Surface-mount bracket, applicable to all models
Pipe nut set	Nuts for hanger rods



PHILIPS

Intelligent and Efficient LED Luminaire Panel

Direct Panel RC099X G2 EcoSet panel luminaire wireless control version is well worth the cost, easy to install and use, with a high-quality LED lighting performance and a concise design to adapt to multiple ceiling mounting modes, making it a cost-effective with comfortable LED lighting product for offices. The product has a built-in wireless control driver, which utilizes Bluetooth technology to achieve communication with the external sensor. The broadcast mode or fast networking network mode is adopted to achieve grouped automatic dimming control of LUMs, thus ensuring comfortable and safe functional lighting and realizing further energy saving at the same time.

Product features

- Built-in Bluetooth wireless control power supply for two-stage dimming: 20%, 100%, and switch off Distance broadcast-based automatic networking
- control, or precise networking via remote-control unit
- 2 lumen outputs (3000/3800lm), 2 dimensions
- (600x600/300x1200mm)
- Energy-efficient, 110lm/W (basic version),
- 125lm/W (HE (high-efficiency) version)
- With a long service life of 50,000 hours
- @Ta 25°C

Main Applications

- Office
- Conference room
- Cafeterias
- Kitchens

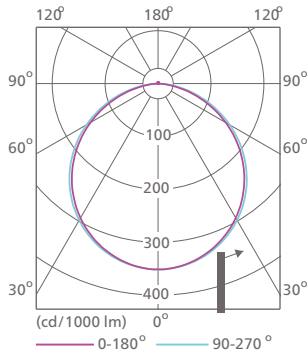


Technical parameters

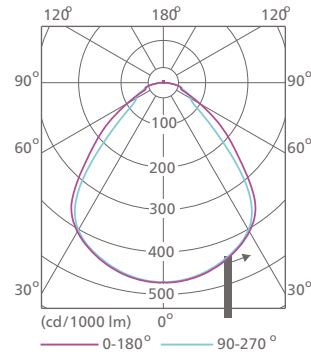
Product model	RC099X G2 EcoSet Wireless
Lumen output	3600lm/3800lm
System power	35W
System efficiency	110lm/W; 100lm/W (OC version)
LUM light distribution	Wide light distribution
Glare index (UGR)	19 (OC version)/22 (NOC version)
Color temperature	4000K/6500K
Color rendering index (CRI)	80
Color tolerance	SDCM<4
Stroboscopic value	<4%
Operating temperature	-20°C ~ +45°C (Ta 25°C)
Communication mode	Bluetooth Mesh
IP grade	IP20
Safety class	Class I
Dimension (WxL)	597x597mm/297x1197mm
Installation method	Recessed installation (T-shaped keel/gypsum board); suspension installation
Life	50,000 hours @L70 B50

Light distribution curve

Wide light distribution NOC version UGR22



Wide light distribution prism OC version UGR22

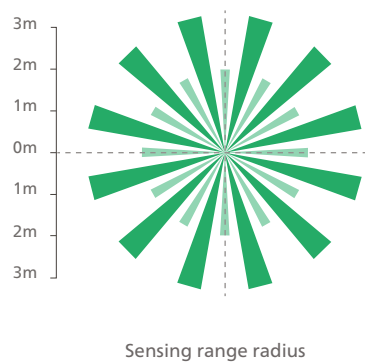
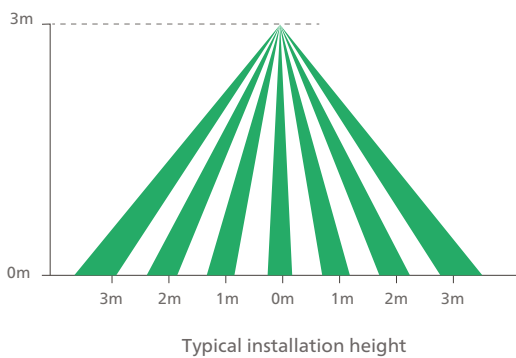


Sensor specifications (External sensor needs to be ordered separately)

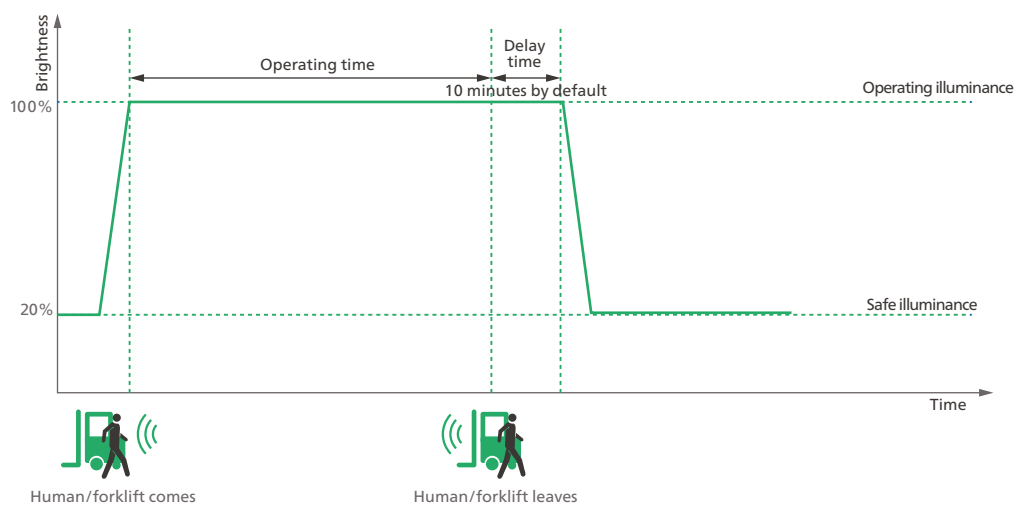
PIR infrared sensor	Specification
Sensing technology	2PIR infrared
Sensor type	Movement sensing
Optimal installation height	2.5-4 meters
Power supply mode	AA dry battery (with a service life of 3 years)
Sensing radius range	3 meters (large movements can be detected)
(at an installation height of 3 meters)	2 meters (small movements can be detected)
Delay time	3 minutes by default (adjustable among 3/10/15/30 minutes)
Safe illuminance	20% by default (adjustable among 20%/30%/50%/70%)
Manual dimming range (via remote-control unit)	20%-100% (dimming at a step of 10%)
Operating temperature	-20°C ~ +55°C*
IP/IK grade	IP20/IK03
On-site parameter setting	Yes (remote-control unit or dial switch is used)
Wireless communication protocol	Bluetooth Mesh
Networking quantity	50 at maximum
Installation method	Surface mount

* PIR sensing performance in temperature control environment (ambient temperature: 25°C)

Installation height and sensing range



Dimming schematic diagram



EcoSet wireless control version

Comprehensive selection of product codes available, contact Signify Middle East.

Product description (Compatible sensor to be ordered separately)

RC099X G2 LED36/865 W30L120 L1 W OC

RC099X G2 LED36/865 W60L60 L1 W OC

RC099X G2 LED36/840 W30L120 L1 W OC

RC099X G2 LED36/840 W60L60 L1 W OC

RC099X G2 LED38/865 W30L120 L1 W

RC099X G2 LED38/865 W60L60 L1 W

RC099X G2 LED38/840 W30L120 L1 W

RC099X G2 LED38/840 W60L60 L1 W

EcoSet Basic Control Wireless PIR Sensor SEG101

PHILIPS

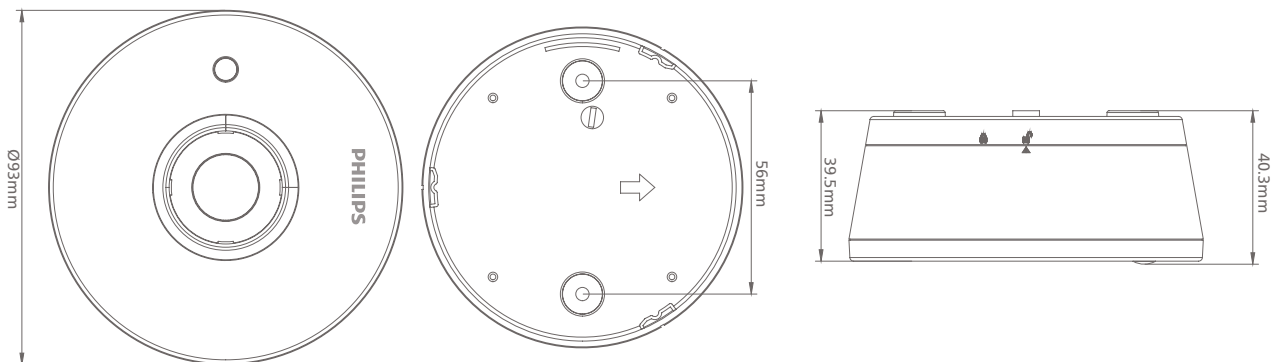


Multi-LUM Pairing-Control Infrared Sensor

EcoSet SEG101 wireless motion sensor utilizes PIR infrared sensing technology and Bluetooth Mesh communication technology, as well as Philips Bluetooth wireless control LUM to adjust the brightness and to turn on or off the LUM based on the presence of people, providing a simpler and more economical way of automatic control and achieving further energy saving. This product supports ceiling mounting and is available in IP20/IP65 options.

Product features

- Built-in Bluetooth wireless control
- With a long service life of 50,000 hours @Ta25°C
- Adjustment of brightness and switching of lamps based on the presence of people



Function

Human movement sensing

When any person is detected, the LUM will turn on or become brighter automatically. When the person leaves, the LUM will turn off or dim after a period of delay.

Main Applications

- Office
- Conference room
- Cafeterias
- Kitchens



Technical parameters

PIR infrared sensor	Specification
Sensing technology	PIR infrared
Sensor type	Movement sensing
Optimal installation height	2.5-4m
Power supply mode	AA dry battery (with a service life of 3 years)
Sensing radius range*(at an installation height of 3 meters)	3 meters (large movements can be detected); 2 meters (small movements can be detected)
RF radius (unobstructed space)	3-15 meters
Delay time	3 minutes by default (adjustable among 3/10/15/30 minutes)
Safe illuminance	20% by default (adjustable among 20%/30%/50%/70%)
Manual dimming range (via remote-control unit)	20%-100% (dimming at a step of 10%)
Operating temperature	-20°C ~ +50°C*
IP/IK grade	IP20, IP65/IK03
On-site parameter setting	Yes (remote-control unit or dial switch is used)
Wireless communication protocol	Bluetooth Mesh
Networking quantity	50 at maximum
Installation method	Ceiling installation
Service life	50,000 hours
Body material	PC plastics
Weight	0.17kg

Installation

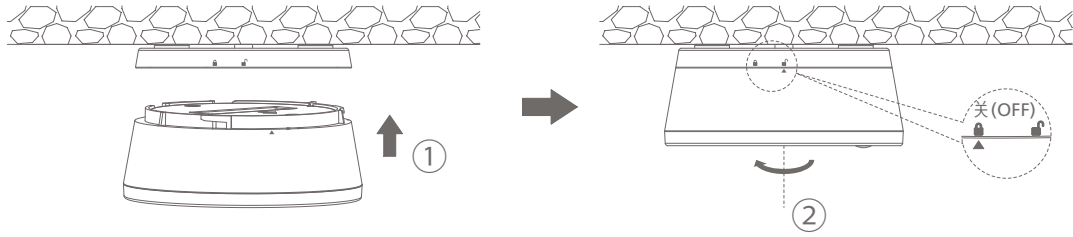
Battery powered, and no wiring is needed

Surface mount/suspension rod installation

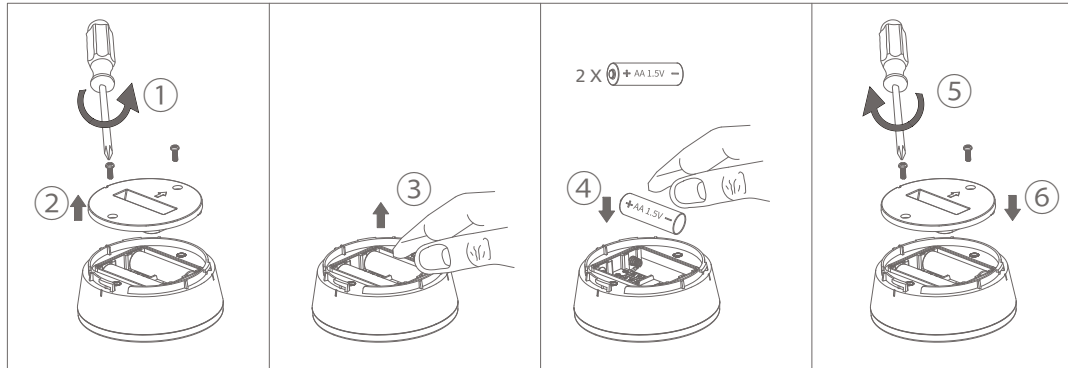
The mounting position should be away from the air inlet and outlet to prevent hot air from mistakenly triggering the sensor and avoid the formation of condensate water.

Heat sources such as heating radiator shall be avoided in the sensing range.

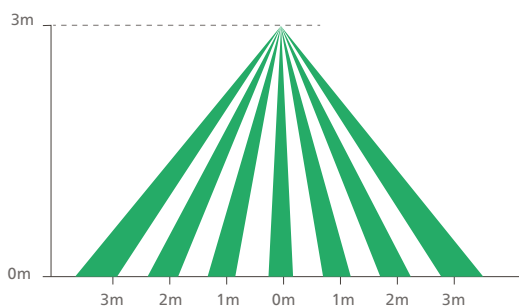
Ceiling installation:



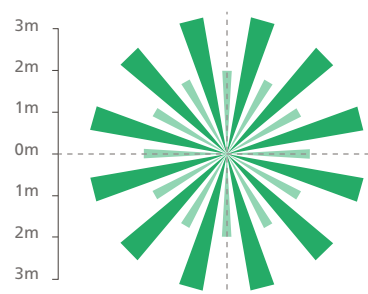
Battery replacement:



Installation height and sensing range



Typical installation height

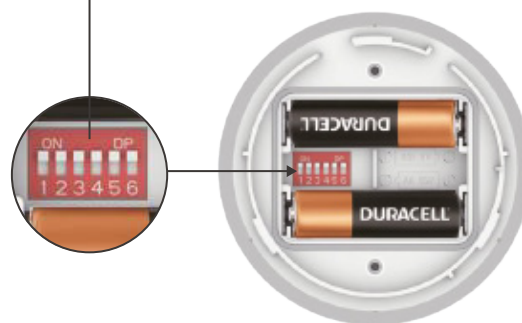


Sensing range radius

Parameter setting

		ON					
		1	2	3	4	5	6
Hold on time	3min±18s	●	●	/	/	/	/
	10min±1min	●	▲	/	/	/	/
	15min±1.5min	▲	●	/	/	/	/
	30min±3min	▲	▲	/	/	/	/
Brightness level	20%±2%	/	/	●	●	/	/
	30%±3%	/	/	●	▲	/	/
	50%±5%	/	/	▲	●	/	/
	70%±7%	/	/	▲	▲	/	/
Transmitted power	Max high	/	/	/	/	●	●
	High	/	/	/	/	●	▲
	Middle	/	/	/	/	▲	●
	Low	/	/	/	/	▲	▲

▲=ON ●=OFF /=ON or OFF



Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product description

SEG101 PIR Wireless WH

SEG101 PIR IP65 Wireless WH

PHILIPS

This remote-control unit is used for the networking, parameter setting, and manual control of the EcoSet Wireless LUMs.

Technical parameters

Product model	EcoSet BLEIR Remote Controller
Dimensions (LxWxH)	174x46x23.5mm
Net weight (single piece)	67.5g



EcoSet BLE Switch Dim Wireless Bluetooth Panel Switch

PHILIPS



This product is used for the manual switching and dimming of the EcoSet Wireless LUMs.

Technical parameters

Product model	EcoSet BLE Switch Dim
Dimension (LxWxH)	87.8x87.8x14.5mm
Net weight	112g
Communication mode	Bluetooth Mesh
Switching times	>50,000 times



EcoSet



Technical Information on Professional Indoor Luminaire Products of Philips Lighting

Protection against electric shock

To prevent accidental contact with live parts of LUMs and ensure safe use, LUMs are classified by the insulation class

- Class I: In order to prevent accidental contact with LUMs when operating or servicing, all metal parts must be equipped with a grounding device
- Class II: In addition to basic insulation, supplementary insulation is added to form double insulation or reinforced insulation to prevent contact with live parts, thereby improving safety
- The symbol for insulation class II is 
- The insulation class without any symbols marked is Class I
- The symbol for insulation Class I can also be represented as 

The performance of LUMs against dust, solid particles and moisture is represented by the IP grade which is expressed by two numbers. The protection grade of Philips indoor LUMs is IP20. We also offer lamps with higher IP protection grades for demanding industrial scenarios. In addition, it is also important to provide appropriate and necessary maintenance for LUMs to ensure their safety.

The following are IP protection grades of the most common luminaires:

- IP20
LUMs with the protection grade can be used indoors without specific pollution sources, such as offices, dry industrial plants, shops, large shopping stores or theaters.
- IP54
The general waterproof grade for LUMs, which protects the LUMs from splashing water in any direction;
LUMs with the protection grade can be used in the food processing industry, or in industrial plants that are prone to dust or moisture.
- IP65/66
LUMs with the protection grade can be used in wet or dusty environment, and the moisture that may be generated during the water spraying process will not affect the LUMs.

Dustproof and waterproof grade

Dust-proof, solid particle-proof and moisture-proof grade

The first feature number: indicates that external dust or solid particles are prevented from accidentally entering the LUM

The first number	Description	Description
0	No protection	No protection
1	Prevents large-sized solid particles	Prevents solid particles with a diameter greater than 50mm from entering the LUMs
2	Prevents medium sized solid particles	Prevents fingers from touching live parts or solid particles with a diameter greater than 12mm from entering the LUMs
3	Prevents small-sized solid particles	Prevents tools, wires or similar solid objects with a thickness of more than 2.5mm from contacting live parts or solid particles with a diameter of more than 2.5mm from entering the LUM body
4	Prevents fine solid particles	Prevents tools, wires or similar solid objects with a thickness of more than 1.0mm from contacting live parts or solid particles with a diameter of more than 1.0mm from entering the LUM body
5	Prevents dust accumulation	Completely prevents contact with live parts or harmful accumulation of dust, some of which can enter the lamp body, but cannot affect the normal working ability of the equipment
6	Prevents dust from entering	Completely prevents contact with live parts or dust from entering

The second feature number: indicates that external water or moisture is prevented from entering the LUM

The second number	Description	Description
0	No protection	No protection
1	Prevents dripping	Vertical water droplets have no harmful effect on the LUMs
2	Prevents dripping at an angle of not more than 15°	When the LUM shell is inclined at the normal position not more than 15°, vertical dripping has no harmful effect on the LUMs
3	Prevents water drenching	Water drenching at an angle of no more than 60° from the vertical line has no harmful effect on the LUMs
4	Prevent water splashing	Water splashing in any direction has no harmful effect on the LUMs.
5	Prevents water spraying	Water spraying in any direction has no harmful effect on the LUMs
6	Prevents large-scale water spraying	The nozzle diameter is 12.5mm. The water spray with a rate of 100L/min, +/-5% (about 100kN/m ²) from any direction has no harmful effect on the LUM when impacting the LUM
7	Water immersion prevention	Temporary immersion in water with the specified water pressure, after 30 minutes, the amount of water entering the LUM body has no harmful effects on the LUM

Lighting Terminology

The following lighting terms and definitions are only a part of them. More comprehensive terms and definitions can be found in the documents in the CIE Publication No.17.4 (1987) on the International Lighting Standard and IEC Publication 50(845)(1970) on the International Electrotechnical Vocabulary.

Average illuminance (Eav):

Average illuminance of all points on a certain surface.

Average life:

Under specified conditions, the arithmetic mean of life of a batch of test LUMs.

Beam spread:

The angle corresponding to when the light intensity in the beam axis decreases to a certain proportion of its peak value.

CIE standard photometric observer:

The relative spectral response curves conform to the ideal observer for the CIE-specified day vision $V(\lambda)$ function or night vision $V'(\lambda)$ function.

Color appearance:

The impression made by the human eyes perceive the color of a light source through observation.

Color rendering:

The effect of lighting source on the color table of objects is due to the observer consciously or unconsciously comparing it with the color table under the reference light source.

Color rendering index:

Under reasonable tolerance of color adaptation, the measurement of the degree of conformity between the psychophysical color of the object illuminated by the test light source and the psychophysical color of the same sample illuminated by the reference light source. The symbol is Ra.

Color temperature:

When the color of a light source (thermal radiation source) is exactly the same as that of a perfect radiator (black body) at a certain temperature, the temperature of the perfect radiator (black body) is called color temperature. The symbol is Tc, and the unit is Kelvins (K).

Correlated color temperature:

When the color quality of a certain light source (gas discharge light source) is closest to the color quality of a perfect radiator (black body) at a certain temperature, the temperature of the perfect radiator (black body) is referred to as the correlated color temperature. The symbol is TCP, and the unit is Kelvins (K).

CosmoPolis:

The CosmoPolis system includes new light source technology developed specifically for outdoor lighting and the latest electronic ballast for start-up, as well as a miniaturized optical system CosmoR.

Depreciation factor (depreciated):

The reciprocal of the maintenance coefficient.

Diffuse reflection:

When light strikes a rough surface or matte coating, the reflected light is irregularly directed in different directions.

Diffuse transmission:

After the light passes through a transparent material, the light is scattered in an irregular pattern in all directions.

Dimensions:

Unit mm

Dimmer:

A device installed in the circuit to change the luminous flux output of the light source in the lighting system.

Direct flux:

The luminous flux directly emitted from the LUM to a surface.

Disability glare:

Glare that reduces the visibility of visual objects, but does not necessarily produce an uncomfortable sensation.

Discharge lamp:

A light source that emits light directly or indirectly through the discharge of a gas, metal vapor, or a mixture of several gases and vapors.

Discomfort glare:

Glare that produces uncomfortable sensations but does not necessarily reduce the visibility of visual objects.

Driver stopping distance:

When a vehicle has to stop, the total distance traveled from the position of the driver at the moment he/she realizes that he/she has to stop to the position where the vehicle finally stops.

Emergency lighting:

Lighting that is activated due to the failure of the power supply for normal lighting. Emergency lighting includes evacuation lighting, safety lighting and backup lighting.

Escape lighting:

As part of emergency lighting, lighting is used to ensure that evacuation routes are effectively identified and used.

Safety Lighting:

As part of emergency lighting, lighting is used to ensure the safety of people in potential danger.

Stand-by Lighting:

As part of emergency lighting, lighting is used to ensure the continuation of normal activities.

Flashed area:

In one direction of the LUM, the area of the orthogonal projection of the light-emitting surface on a plane perpendicular to that direction.

Floodlight:

If the beam divergence angle (the angle between two directions with 1/10 of the peak light intensity of the light source) is greater than 10°, it is a projector for floodlighting. It can usually rotate and point in any direction.

Glare:

A visual phenomenon that causes discomfort or reduces the ability to observe details or objects due to inappropriate brightness distribution or brightness range in the field of vision, or the presence of extreme contrasts.

Halogen lamp:

A gas-filled LUM containing a tungsten filament and a small amount of halogen.

High-pressure mercury (vapour) lamp:

A mercury vapor discharge LUM with or without phosphor, with mercury vapor having a partial pressure of 105Pa during ignition. For example: HPL and HPL-N type LUMs.

High-pressure sodium (vapour) LUM:

A discharge LUM with sodium vapor having a partial pressure of 104Pa during ignition. For example, SON and SON-T type LUMs.

2 Illuminance (E):

The illuminance at a point on a surface is the quotient of the luminous flux $d\Phi$ incident on the surface element containing the point divided by the area dA of the surface element, i.e.,

$E = \frac{d\Phi}{dA}$ The unit is lux (lx), and the symbol for this quantity is E, 1lx=1lm/m²

Incandescent (electric lamp):

A light source that emits light by heating an element to an incandescent state with an electric current (often referred to as a bulb or GLS lamp).

Isocandela curve (diagram):

On a virtual sphere with the light source as the center of the circle, connecting the points on the sphere that are illuminated with the same intensity by the light source in all directions with lines forms an isocandela curve.

Isolux curve (diagram):

Connecting points of the same illuminance on a certain surface to form a curve.

Light:

Perceived optical radiation. It is determined by the ubiquitous perceptual attributes that are unique to the visual system.

Lighting installation:

A lighting system is composed of luminaires and luminaire fixtures and their associated installation components on site.

Light output ratio:

Under specified actual measurement conditions, the ratio of the total luminous flux emitted by lamps to the total luminous flux emitted by the source without LUMs.

Low-pressure mercury (vapour) lamp:

Mercury vapor LUMs with or without phosphor, in which the pressure in the tube does not exceed 100Pa when the light source is in operation. For example, the TL LUM.

Low-pressure sodium (vapour) lamp:

A sodium vapor lamp whose inner local air pressure does not exceed 5Pa, such as the SOX LUM.

Luminaire:

A device for distributing, filtering, and transforming light emitted from one or more light sources, including various accessories for installing and protecting light sources and various devices necessary for connecting circuits.

Note: "LUM pole" is often used to refer to "LUM" in road lighting.

Luminance (L):

The quantity defined by the formula $d\phi/(dA \cdot \cos\theta \cdot d\Omega)$, i.e., the luminous intensity on a unit projected area, whose formula is $L = d\phi/(dA \cdot \cos\theta \cdot d\Omega)$

Where, $d\phi$ —The luminous flux transmitted by a beam element at a given point and propagating within a solid angle $d\Omega$ in a given direction; dA —includes the cross-sectional area of the beam at a given point; θ —The angle between the normal of the beam cross section and the beam direction.

The symbol for this quantity is L and the unit is candela per square meter (cd/m²).

Luminous efficacy:

The ratio of luminous flux emitted by a light source to its power consumption. The unit is lumens per watt (lm/W).

Luminous flux:

Luminous quantity derived from the effect of radiation on the standard photometric observer. For day vision:

$$\Phi = Km \int_0^{\infty} \frac{d\Phi_e(\lambda)}{d\lambda} \cdot V(\lambda) \cdot d\lambda$$

Where, $d\phi_e(\lambda)/d\lambda$ —Spectral distribution of radiation flux;

$V(\lambda)$ —Spectral lamp (visual) efficiency;

Km —Maximum spectral (visual) efficiency of radiation, in lumens per watt (lm/W). Under monochromatic radiation, the Km value under photopic vision conditions is 683lm/W ($\lambda_m=555nm$)

The symbol for this quantity is Φ and the unit is lumen (lm), 1lm=1cd.1sr.

Luminous intensity:

The luminous intensity of the luminous body in a given direction is the luminous body in the direction of the stereo angle element $d\Omega$ within the transmitted luminous flux $d\Phi$ divided by the stereo angle element obtained from the quotient, that is, the luminous flux per unit stereo angle. The formula is:

$$I = \frac{d\Phi}{d\Omega}$$

The symbol for this quantity is I and the unit is candela (cd), 1cd=1lm/sr.

Luminous intensity diagram (table):

The light intensity is given in polar coordinates or on a chart. The value in the chart is the light intensity produced by the source per 1000 lumens of luminous flux.

For the case of asymmetric distribution of light intensity, the distribution of light intensity in two different planes can be used to indicate the distribution of light intensity of the LUM. where, the two planes are:

1. The vertical plane through the longitudinal direction of the LUM
2. The plane perpendicular to the above plane

Note: A light intensity meter can be used for:

1. Roughly describing the light intensity distribution of LUMs
2. Calculating the illuminance of each point
3. Calculating the brightness distribution of LUMs

Luminous intensity distribution curve(Light distribution

Generally, polar coordinates are used to represent the light intensity distribution curve on the plane through the light source or on the conical surface with the light source as the apex, which is aimed at displaying the direction of light emission in terms of angles.

Note 1: When light intensity distribution is symmetrical, the meridian plane is selected

Note 2: In case of a vertical plane, the angle is measured downward

Life of a LUM:

The cumulative ignition time when the light bulb is ignited to failure, or according to some standards, to a state where it can no longer be used.

Median life:

Among the LUMs with a batch quantity of N for the life test, according to the damage order of the LUMs, the life of the (N-1 2 +1st) LUM (when N is an odd number) or the average value of the N 2st LUM and the (N 2+1st) lamp (when N is an even number) is referred to as the median life of the batch of LUMs.

Maintained illuminance:

At the end of the maintenance cycle, refer to the average illuminance on the surface.

Note: Maintaining illuminance is the minimum value allowed by illuminance attenuation.

Maintenance factor:

After a certain period of use, the ratio of the average illuminance or average brightness on the specified surface of the lighting device to the average illuminance or average brightness on the same surface obtained when the lighting device is newly installed under the same conditions.

Note: Maintenance factors are recommended, rather than depreciation rates.

Metal halide LUM:

A light source that generates radiation primarily by excitation of mixed metal vapors (such as mercury) and various halogen compounds (such as thallium, indium, and sodium halides). For example: HPI-T light source.

Mounting height:

The distance between the plane of the reference and the plane of the LUM installation.

Obtrusive light:

Scattering light that causes the observer to be annoyed, uncomfortable, distracted, or reduce their ability to observe the basic information of the target object due to the amount, direction, and spectral properties of the incident light.

Power factor:

The ratio of the power in a circuit to the product of the root mean square of the current and voltage. For a sine wave, the power factor is equal to the cosine value of the phase difference between voltage and current.

QL induction LUM (system):

Designed based on the principle of low-pressure mercury vapor LUMs; however, it has no electrodes, and the ionization of gases is generated by the induction of a high-frequency electromagnetic field when it is used in a discharge device.

Spectrum:

A demonstration or representation of the monochromatic component of radiation. In spectroscopy, there are line spectra, continuous spectra, or combinations of the two.

Stroboscopic effect:

Under the illumination of light changing at a certain frequency, the motion of an object appears to be different from its actual motion.

Sky glow:

Scattered light is the phenomenon of the night sky becoming bright due to the scattering or reflection of light (visible and invisible) caused by the presence of particles, mists and granules in the atmosphere. It is composed of two independent components as follows:

- a. Scattered natural sky light: Due to the presence of particles or dust emitting light in the atmosphere or reflecting and refracting natural light from the sky, the phenomenon of the sky becoming brighter due to these lights is known as scattered natural sky light.
- b. Scattered light of sky due to artificial lighting: Due to artificial lighting consisting of light beams directly directed to the sky or reflected from the ground level to the sky, this phenomenon of the sky glowing is referred to as scattered light of sky due to artificial lighting.

Spill light (stray light):

For lamps installed at a fixed point, it needs to illuminate a fixed area, and a part of the light irradiated outside the boundary of this fixed area is overflow or deviated light.

Threshold increment (TI):

A measure of disability glare. Expressed as the percentage required to be increased in the brightness contrast between an object and its background in the presence of a glare source, in order to see the object clearly.

Note: High TI values are consistent with strong disability glare

Utilization factor:

The ratio of the luminous flux being utilized to the total luminous flux emitted by the light source.

Visibility:

The difficulty of recognizing an object or its shape by human eyes. Under indoor application, the contrast or size of the standard target that the human eye can perceive under standard observation conditions is defined. When used outdoors, the distance is defined by what a human eye can see as the standard target.

Visual guidance:

Appropriate installation of light poles and lamps along the road can provide the driver with visual information about the direction, route shape, slope and so on, which is called the visual guidance of lighting facilities.

Visual performance:

Quantitative evaluation of the visual system in the performance of visual tasks.

Green lights:

Green lighting is a kind of lighting that saves energy, protects the environment, and is beneficial to improving people's production, work, learning efficiency and quality of life, as well as protecting physical and mental health.

Visual task:

In work and activities, the observation process of details and goals presented in front of the background.

Reference surface:

The plane where illuminance is measured or specified.

Maintained average illuminance:

The average illuminance on the surface shall not be lower than this value. It is the moment when the lighting fixtures have to be maintained, and the average illuminance on the prescribed surface.

Glare rating(GR):

It is a psychometric parameter for measuring the subjective reaction of the human eye to the illumination of outdoor sports venues and other outdoor venues, its value can be calculated according to the CIE glare value formula.

Lighting power density of road surface(LPD):

power (including ballast power consumption) per unit road area, in watts per square meter (W/m²).

Luminaire efficiency:

Under the same use conditions, the ratio of the total luminous flux emitted by LUMs to the total luminous flux emitted by all light sources in LUMs is also called the light output ratio of LUMs.

Remote terminal unit:

The sub-station monitored by the master station, performing the functions of telecontrol data acquisition, processing, sending, receiving and output execution according to the specification.

Shielding angle of luminaire:

The angle between the most marginal point of the light source and the line of the LUM outlet and the horizontal line.

Luminous flux maintenance:

The ratio of the luminous flux of a LUM after a given time of ignition to its initial luminous flux.

Sports





Sports

Our LED solutions for all sports lighting applications

The NF EN 12193 standard specifies lighting values for the most popular indoor and outdoor sporting events globally. In line with this standard, Signify offers you the ideal solutions for your project in terms of illuminance, uniformity, glare control and color rendering. The applications described here by way of example are not exhaustive, and represent only some of the disciplines that Signify can highlight. For more information, contact us or consult our sports lighting application guide.



Soccer pitches

Managing the lighting on a soccer pitch contributes to optimizing the required lighting levels, and to the comfort and safety of players and spectators. Lighting contributes to the smooth running of the game by providing players, referees and spectators with optimum visibility. Our LED solutions enable you to meet your specific lighting requirements.

- OptiVision LED gen3.5**
- National E5 competition**
(250 lux at start-up)
- Regional competition class E6**
(150 lux at start-up)
- Training E7** (75 lux)



Sports

Tennis courts

We offer a wide range of products to suit your needs: LED fittings for indoor tennis, LED floodlights for outdoor tennis, a wide choice of optics to suit single or twin courts, control systems to adapt lighting levels from competition to leisure or training activities.



ClearFlood BVP650



CoreLine Tempo Large BVP130



GentleSpace Ball jet (indoors only)

ClearFlood Large BVP651

CoreLine Tempo X-Large BVP140





Multi-sports gymnasiums

Solutions tailored to your needs: ranges of ball-jet resistant LED fixtures, floodlights and luminaires, a wide choice of optics for lighting medium to high gymnasiums, and control systems for adapting lighting levels for competitions, leisure activities, training or schools.



ClearFlood (BVP650)
ClearFlood Large (BVP651)



CoreLine Tempo Large (BVP130)
CoreLine Tempo X-Large (BVP140)



GentleSpace Ball jet (BY480P)

Swimming pools

Our LED fixtures and floodlights offer you the option (SWP/ SPO) of a coating specially designed for chlorinated environments. These fixtures are ideal for indoor pools.



OptiVision LED gen3.5



ClearFlood Large (BVP651)



CoreLine Tempo Large (BVP130)
CoreLine Tempo X-Large (BVP140)



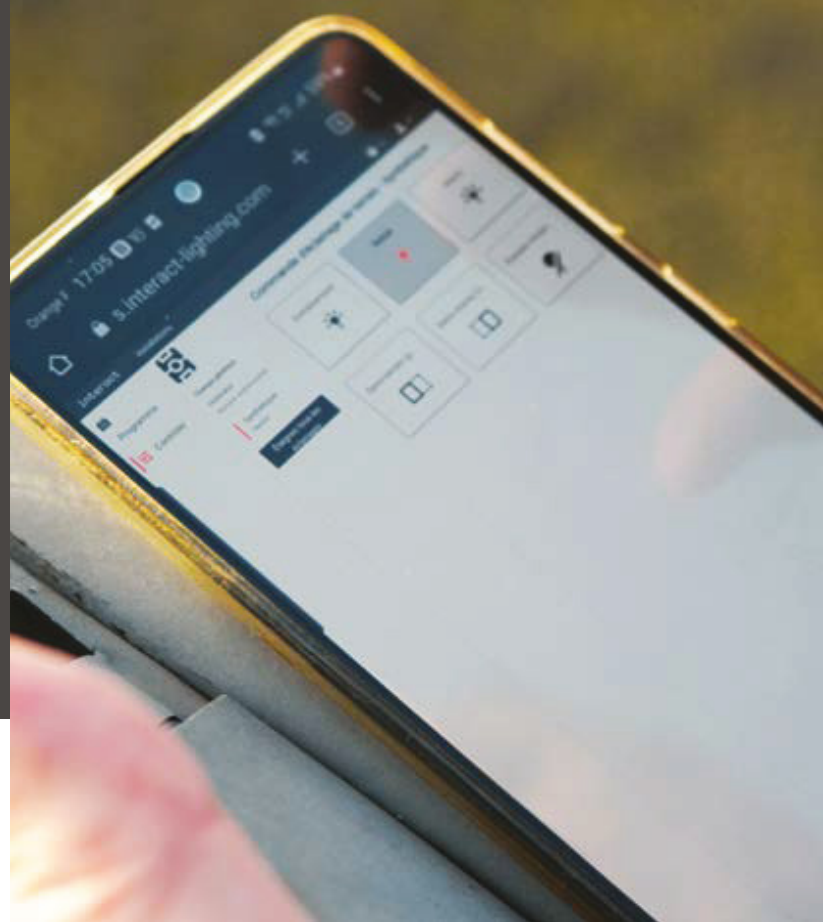
GentleSpace Swimming Pool (BY480P)



Sports

Control your sports facilities

Philips Interact ready floodlights for sports facilities have been designed to be connected to the Interact Sports platform, dedicated to lighting management.



interact Sports



Ease of use and flexibility, while generating energy savings.



Simple, intuitive controls with real-time status feedback.



Wired controls (several models to choose from) also available on site.



Choice of pitch, choice of scenario... the lighting can be easily adapted to the application by selecting the appropriate mode: Match, training, reduced or half-field.



Secure connection to the Internet control page via cell phone, tablet or computer.



Programmable times for total control over usage: the selected pitch lights up automatically at the desired time, with the chosen mode.



Site consumption monitoring available as an option.

Lighting becomes connected. Interact ready-compatible Philips floodlights, managed via the Interact Sports app and portal, offer sports stadium managers and users more functionality for their facilities:

Main technical specifications:

- Philips patented "Coded Mains" technology for group dimming via existing power cables.
- Compatible with all DALI LED luminaires (dimming on/off) and all conventional luminaires (dimming on/off).
- Integration of control components mainly in the power cabinet.

This solution requires no additional wiring.

Turnkey cabinets and control panels can be supplied.

This approach guarantees quick and easy implementation.

Packs Dynalite

Wired lighting management solutions for indoor and outdoor sports facilities
Dynalite solutions are very easy to install, with most components mounted on DIN rails.

The various elements (controllers, user interfaces, timers, clocks, network gateways, etc.) are simply connected by CAT5E U/FTP cable.

Various functions available:
On/off/dimming, Recall of different predefined lighting levels, Integration of sensors, push- buttons, badge readers, timers for calendar management.



Luminaires (DALI version) are supplied with power and require an additional DALI bus up to 300 meters long.

The wide range of controllers covers all configurations: DALI Broadcast, DALI Addressable, DALI Multimaster.

Configuration example:

1 DDBC1200 controller/actuator 1, Antumbra control panel: several models to choose from, Possibility of supplying turnkey enclosures that can be configured according to project requirements.

Features

Level recall: 100% - 70% - 50% - 30% - 0%



Example of installation

for the renovation of leisure sports facilities

Multi-sports gymnasium

44m x 24m x 7.5 m height

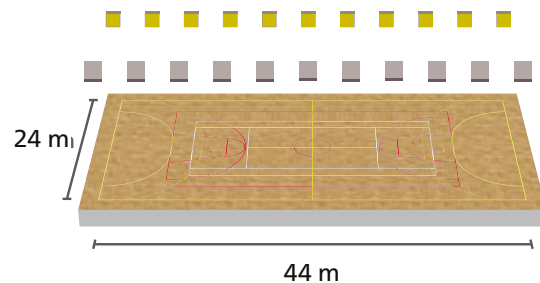
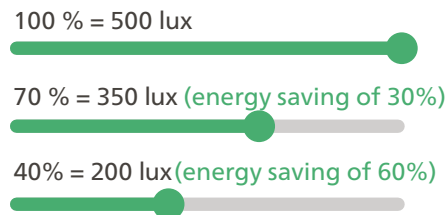
Project compliant with lighting class II in accordance with NF EN 12193 for a 40 m x 20m handball court.

Lighting solution consisting of ClearFlood LED (BVP650) spotlights distributed equally, combined with a management system to obtain the two lower illuminance levels.

Installation features

Number of spotlights	22
Height of installation bilateral division	7 m
Distance between spotlights	4.90 m for 18 spotlights and reinforcement at line ends for 4 spotlights
Inclination	+ 10 ° / horizontal
Average illumination level (15 x 7 ground points)	≥ 500 lux
Uniformity (15 x 7 ground points)	≥ 0,7
Total power installed at:	
100%	6,49 kW
70%	4,54 kW
40%	2,60 kW

Illuminance levels



Equipment installed

22 ClearFlood LED (BVP650) with asymmetrical optic (Imax=52°) with integrated driver:
BVP650 T35 1xLED460-4S/740 OFA52 D9



Characteristics of ClearFlood LED projector (BVP650)

Source/system flux	46 000 lm / 38 640 lm
System power	295 W
Color temperature	4 000 K
Color Rendering Index (CRI)	> 70
Remote control	Dali (D9) activated

Example of installation

for the renovation of leisure sports facilities

Multi-sports gymnasium

44 m x 24 m x 7.5 m height

Project compliant with lighting class II in accordance with NF EN 12193 for a 40 m x 20 m handball court.

Installation features

Number of fittings	20
Height of installation	7 m
Distance between fittings	4,40 m
Inclination	+ 0° / horizontal
Average illumination level (15 x 7 ground points)	≥ 500 lux
Uniformity (15 x 7 ground points)	≥ 0,7
Total power installed at:	
100%	4,12 kW
70%	2,88 kW
40%	1,65 kW

Lighting solution consisting of GentleSpace LED (BY481P) fittings installed equally on two lines 11 m apart, combined with a control system to obtain the two lower lighting levels.

Illuminance levels

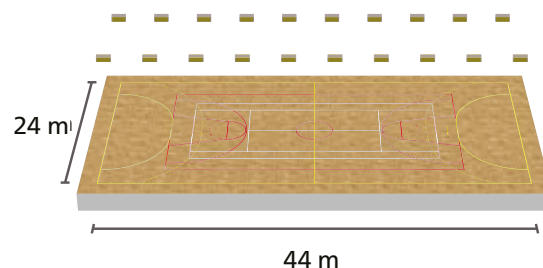
100 % = 500 lux



70 % = 350 lux (energy saving of 30%)



40% = 200 lux (energy saving of 60%)



Equipment installed

20 LED fittings with wide beam symmetrical optics and integrated GentleSpace driver:
BY481 PSD HE 1xECO350S/840 WB GC



Characteristics of the fitting GentleSpace (BY481P)

System flux	35 000 lm
System power	206 W
Color temperature	4 000 K
Color Rendering Index (CRI)	> 80
Remote control	Dali PSD activated

Example of installation

for the renovation of leisure sports facilities

Single outdoor tennis court

10.97 m x 23.77 m x 8 m height

300 lux (to be maintained) > 150 lux > 75 lux

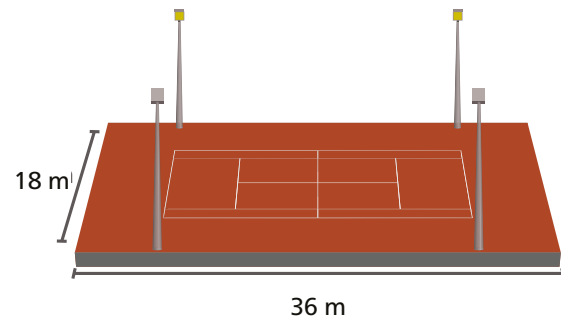
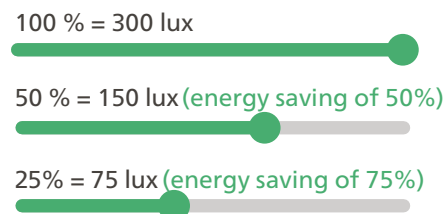
Project complies with lighting class II as per standard NF EN 12193. The results are presented according to the mesh recommended by the French Tennis Federation (FFT).

Installation features

Number of masts	4
Number of projectors per mast	1
Average height of installation	8 m
Setback from double line	3,50 m
Distance from mast to net	9 m
Average illumination level (15 FFT points)	≥ 300 lux
Uniformity (15 FFT points)	≥ 0,7
Total power installed at:	
100 %	2,08 kW
50 %	1,04 kW
25 %	0,52 kW

Lighting solution comprising ClearFlood large floodlights (BVP651), combined with a management system* to obtain the two lower illuminance levels.

Illuminance levels



Equipment installed

4 ClearFlood large (BVP651) with asymmetrical optic (Imax=52°)
 1 BVP651 T25 1xLED750-4S/740 – OFA 52 D9 with integrated drivers / mast



Characteristics of ClearFlood large projector (BVP651)

Source/system flux	75 000 lm / 63 080 lm
System power	495 W
Color temperature	4 000 K
Color Rendering Index (CRI)	> 70
Remote control	Dali (D9) activated

* See page Interact Sports

Example of installation

for the renovation of leisure sports facilities

Single indoor tennis court

36 m x 18 m x 8 m height

500 lux > 350 lux > 200 lux

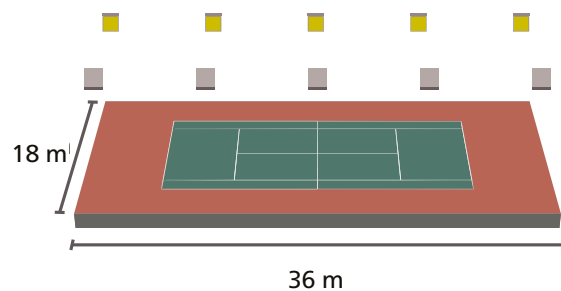
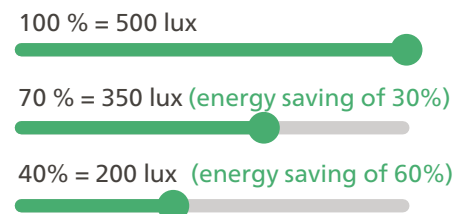
Project compliant with the lighting class II as per NF EN 12193 standard. The results are presented according to the mesh recommended by the French Tennis Federation (FFT).

Installation features

Number of spotlights	10
Height of installation	7 m
Lateral distribution on 2 lines spaced by	12 m
Distance between spotlights	7 m
Inclination	+25°/horizontal
Average illumination level (15 FFT points)	≥ 500 lux
Uniformity (15 FFT points)	≥ 0,7
Total power installed at:	
100%	2,65 kW
70%	1,86 kW
40%	1,06 kW

Lighting solution comprising ClearFlood LED (BVP650) projectors, combined with a management system* to obtain the two lower illuminance levels.

Illuminance levels



Equipment installed

10 ClearFlood LED (BVP650) with asymmetrical optic ($I_{max}=34^\circ$) with integrated driver:
BVP650 T35 1xLED420-4S/740 DX60 D9



Characteristics of ClearFlood LED projector (BVP650)

Source/system flux	42 000 lm / 36 960 lm
System power	265 W
Color temperature	4 000 K
Color Rendering Index (CRI)	> 70
Remote control	Dali (D9) activated

* See page Interact Sports

Sports Lighting

Compare the features of our selection of sports floodlights, ranked from the simplest to the most advanced solution.



Portfolio Summary

ArenaVision LED gen3.5* BVP418/428



- Indoor/outdoor sports applications with TV broadcasting
- 9 symmetrical and 5 asymmetrical optics
- Marine salt protected (MSP) and special pool coating (SWP)

OptiVision LED gen3.5*



- Indoor/outdoor sports, leisure and open-air applications
- 5 symmetrical and 20 asymmetrical optics
- Marine salt protected (MSP) and special pool coating (SWP)

Gentle Space gen3 BY480P/BY481P



- Interior/exterior sports applications
- Combining visual comfort and luminous efficiency
- Special pool coating (SWP)
- VDE ball-jet resistant or IK08 protection

SportControl BCS375/BPS375



- Indoor sports applications
- Ceiling-mounted (BCS375) or suspended (BPS375)
- WB, NB, MB, VWB optics (combinations possible)
- Ball-jet resistant (IK08 protection on request)

ClearFlood Large BVP651



- Indoor/outdoor sports, leisure and open-air applications
- 10 optics
- Marine salt protected (MSP) and special pool coating (SPO)

ClearFlood BVP650



- Indoor/outdoor sports, leisure and open-air applications
- 10 optics
- Marine salt protected (MSP)

CoreLine Tempo Small gen2 BVP111 Medium BVP125 Large BVP130 X-Large BVP140



- Indoor/outdoor sports, leisure and open-air applications
- Available in 4 sizes
- 1 symmetrical and 6 asymmetrical optics
- Marine salt protected (MSP)
- Special pool coating (SPO) only for X-Large (BVP140)
- Cable and waterproof connector

Warranty	Service life	Source flux	System Efficiency	CRI	Weight	Connectivity
5 years	100 000h L94	111 000 to 259 000 lm	Up to 157 lm/W	5 700 K (CRI 70/80/85/90)	21/25 kg (2/3 modules with remote driver), 27/31 kg (2/3 modules with driver fixed on the Lyre bracket) 5.3 kg driver only	Available in Interact sports platform (DMX)
5 years	100 000h L94	111 000 to 259 000 lm	Up to 157 lm/W	3 000 K / 4 000 K / 5 700 K (CRI70) et 4 000 K (CRI80)	21/25 kg (2/3 modules with remote driver), 27/31 kg (2/3 modules with driver fixed on the Lyre bracket) 5.3 kg driver	Available in version Interact Sports Recreational (Dali D4i, SR and Codes Mains)
5 years	100 000 h L85 (version HE) 100 000 h L80 (version standard)	13000 to 35 000 lm	Up to 174 lm/W	4 000 K / 6 500K (CRI80)	Small (BY480P) : 8,5kg Large (BY481P) : 12kg	DALI, Dyalite (Dynet)
5 years	50 000h L80	11 000 to 24 000 lm	Up to 162 lm/W	3 000 K / 4 000 K (CRI80)	BCS375 : 8,9 - 14,3 kg BPS375 : 10,6 - 17,7 kg	DALI, Dyalite (Dynet)
5 years	100 000h L94 to L97	31 000 to 89 000 lm	Up to 148 lm/W	2 200 K/2 700 K/ 3 000 K/4 000 K/ 5 700 K (CRI70) and 2 700 K/3 000 K/ 4 000 K (CRI80)	24 kg	Available in version Interact Sports Recreational and Interact City
5 years	100 000h L95 to L98	7000 to 46 000 lm	Up to 163 lm/W	2 200 K/2 700 K/ 3 000 K/4 000 K/ 5 700 K (CRI70) and 2 700 K/ 3 000 K/ 4 000 K (CRI80)	17 kg	Available in version Interact Sports Recreational and Interact City
5 years	75 000h L80	5 200 to 49 900 lm	Up to 154 lm/W	Small (BVP111), Medium (BVP125) and Large (BVP130) : 3 000 K/4 000 K (CRI70) and 3 000 K (CRI80) X-Large (BVP140) : 3 000 K / 4 000 K / 5 700 K (CRI70), 3 000 K / 4 000 K (CRI80).	Small (BVP111) : Please consult us Medium (BVP125) : 5 kg Large (BVP130) : 7.5 kg X-Large (BVP140) : 19 kg	Available in version Interact Sports Recreational and Interact City for X- Large version

Sports Lighting

Compare the features of our selection of sports floodlights, ranked from the simplest to the most advanced solution.



Portfolio Summary

ActiStar BVP631, BVP632 & EVP632



- Customized lumen packages and upto 110Klm for kinds of application
- Multiple lens covers as much as of customer needs.
- High quality ADC1 die-cast aluminum housing, rear cover and carbon steel bracket
- Standard MSP 1000hrs salt spray test passed, IP66 and IK08 protection
- Easy wiring for quick installation

Tango Gen 3



- Indoor/outdoor sports, leisure and open- air applications
- 5 symmetrical and 20 asymmetrical optics
- Marine salt protected (MSP) and special pool coating (SWP)

Tango Gen4 Glass version BVP491/492/493



- Interior/exterior sports applications
- Combining visual comfort and luminous efficiency
- Special pool coating (SWP)
- VDE ball-jet resistant or IK08 protection
- Applicable for tunnel lighting applications

Tango Gen4 BVP43X

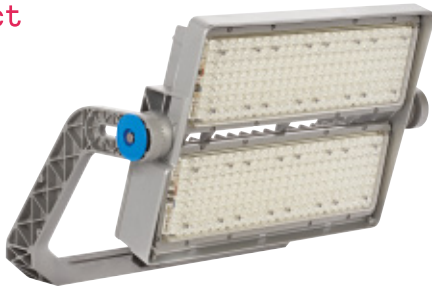


- Indoor sports applications
- Ceiling-mounted (BCS375) or suspended (BPS375)
- WB, NB, MB, VWB optics (combinations possible)
- Ball-jet resistant (IK08 protection on request)

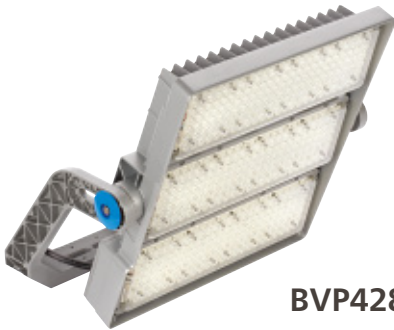
Warranty	Service life	Source flux	System Efficiency	CRI	Weight	Connectivity
5 years	50 000 h L70B50	Up to 110Klm @ Fix 1-10V driver Up to 106Klm @ Fix driver Up to 90Klm @ Dali driver Up to 72Klm @ wide voltage LP	Up to 135lm/W	CRI 70/80/90	BVP631: 27Kg- Fix/Fix 1-10V/LP drivers Dali- 29Kg BVP 632: 24Kg- luminaire 10Kg - small gear box 14Kg - large gear box	DMX/DALI Available in version Interact Sports Recreational and Interact City
5 years	50 000 H L70B50	Up to 73Klm	Up to 125 lm/W	CRI 70/80/90	~20Kg LP/FP	DMX for dynamic lighting, NEMA socket for system ready
5 years	50 000 h L70B50	BVP491: 14000 lm BVP492: 28000 lm BVP493: 50000 lm	Up to 136 lm/W	CRI 70/80	BVP491~4.Kg BVP492~6.2Kg BVP493~12.2Kg	DMX for dynamic lighting, NEMA socket for system ready
5 years	50 000 h L70B50	BVP431 - up to 13Klm BVP432 - up to 27Klm BVP433 - up to 50Klm	Up to 140 lm/W	CRI 70/80	BVP431~4.Kg BVP432~6.2Kg BVP433~12.2Kg	DMX for dynamic lighting, NEMA socket for system ready

ArenaVision LED G3.5 BVP418/428

PHILIPS
interact
ready.



BVP418_BV



BVP428_BV



BVP428_BV_HGB



BVP428_HGB

New High Power LED Sports Lighting Lamps

Philips ArenaVision LED Sports Lighting System, an innovative solution, supports the latest sports broadcast HD standards with professional sports and multi-purpose venue luminaires that provide outstanding lighting quality, efficient heat management and ultra-long life. In order to meet more optimized indoor and outdoor applications, ArenaVision LED provides two integrated high-pressure cast aluminum lamp bodies and corresponding LED modules, and offers flexible installation methods of integrated and split independent electrical boxes to ensure easier installation and lower initial investment.

Product features

Meet the top-level sports event lighting requirements

The luminous flux is increased to 220,000 lumens, DMX, high display index, no frequency flashing, widely used in top-level sports stadiums, easily replacing traditional 1000/2000W lamps.

Enriching professional sports light distribution

Various specialized lenses (symmetrical and asymmetrical) ensure optimal on-site effects, multiple uses for a venue (pavilion) and low-level high-resolution solutions; according to the lighting requirements of various venues, provide various professional lighting to meet all lighting standards.

Dynamic lighting control

Based on the environmental temperature, color temperature, and color rendering, it provides optimized light output, external grille for effective control of glare and spill light, and improves comfort; its superior performance meets the needs of dynamic lighting control by exclusive DMX dimming drive, easy access to Interact Sports system as well as sophisticated design of DMX electrical box.

Technical Parameters

Power Factor	> 0.95 at full power
Surge Protection	10 kV standard (built-in)
Lifespan / Lumen Maintenance	L80B50: Up to 50000 hours
Drive Life/Defect Rate	50000 hours (within the allowable range of ambient temperature)
Lamp Installation	<ul style="list-style-type: none"> Outdoor: on the masthead frame/wall/T stand; Indoor: U-shaped mounting bracket on roof or ceiling/wall or T-stage, with foot print, lamp mounting suitable for M20 bolt three-point fixing vertical aiming from horizontal direction:-90 field/+ 90 field (not suitable for up lighting, side lighting, refer to MI sheet) upright or drooping mounting
Drive Installation	<ul style="list-style-type: none"> Indoor/outdoor open, no need for cabinets or internal electrical cabinets (IP54) or electrical rooms either pre-installed on the luminaire to drive installation (HGB version), or up to 200 meters away from the luminaire with 4 standard screws/bolts fixed on the plane with universal fixed position (outdoor cable body cannot be upward)

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Description
BVP428 C LED1480/957 1340W S2 BV	
BVP428 C LED1480/957 1340W S3 BV	
BVP428 C LED1480/957 1340W S4 BV	ArenaVision gen3.5: 3 module ambient temperature T35 outdoor
BVP428 C LED1480/957 1340W S5 BV	BV version- drive and lamp split version
BVP428 C LED1480/957 1340W S6 BV	
BVP428 C LED1480/957 1340W S7 BV	
BVP428 C LED1480/957 1340W S8 BV	
BVP428 C LED1480/957 1340W S3 HGB	HGB version- integrated version
BVP428 C LED1480/957 1340W S3 HGB-VP	HGB-VP - integrated version, cable with vandal-proof tube
BVP418 C LED990/957 890W S2 BV	
BVP418 C LED990/957 890W S3 BV	
BVP418 C LED990/957 890W S4 BV	ArenaVision gen3.5: 2 module ambient temperature T35 outdoor
BVP418 C LED990/957 890W S5 BV	BV version- drive and lamp split version
BVP418 C LED990/957 890W S6 BV	
BVP418 C LED990/957 890W S7 BV	
BVP418 C LED990/957 890W S8 BV	
BVP418 C LED990/957 890W S3 HGB	HGB version- integrated version
BVP418 C LED990/957 890W S3 HGB-VP	HGB-VP - integrated version, cable with vandal-proof tube
BVP428 C LED1480/957 1340W A65-WB BV*	BV - drive and lamp split version
ZVP418 External louver kit for 2 modules	-
ZVP428 External louver kit for 3 modules	-

* to be released with OV 3.5



Sports

OptiVision LED gen3.5

Sports

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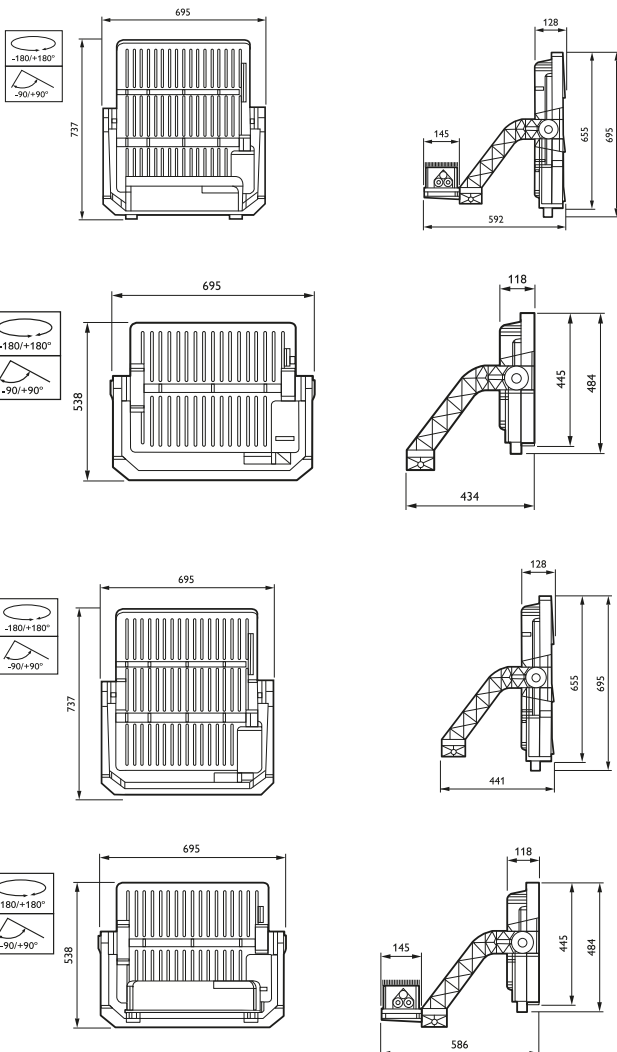
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ready.


Smart area and recreational sports lighting

The Philips OptiVision LED gen3.5 floodlighting system provides a complete lighting solution for the simplest through to the most complex area and recreational sports lighting applications. The high-efficiency floodlight comes with a single piece die cast housing, hosting 2 and 3 LED engines respectively, which also function with an external driver box – separate for use at a distance from the floodlight (BV), or pre-fixed onto the mounting bracket of the floodlight (HGB) for ease of installation and lower initial cost. It meets the highest performance standards, provides outstanding light, quality, uniformity and ensures safety and visual comfort.

Product features

- Single piece pressure die cast housing, with a protection level of IP66 against dust and water
- Wide range of ambient temperature tolerance making it suitable for a variety of sports and area lighting applications
- Option to add additional accessories to have the best in class spill light, 0 tilt, glare and up-light control
- Single High-power driver with IP66 protection pressure
- die cast housing and 10kV surge protection
- Programmable DALI Driver making it suitable to connect to lighting management systems like Interact Sports
-



Sports

Main Applications

- Logistics areas (Ports)
- Apron lighting (Airports), Parking and Industrial areas
- Recreational sports lighting applications (Football, Hockey, Basketball, Golf, Tennis, etc)



Technical Parameters

OptiVision LED gen3.5	
CE mark	CE mark
Driver included	Yes
Flammability mark	-
Number of gear units	1 unit
Service tag	Yes
Luminaire light beam spread	5° - 13° x 120°
Optical cover type	Polycarbonate bowl/cover clear
Color rendering index (CRI)	>70
Optic type outdoor	Asymmetrical
Standard tilt angle side entry	-
Standard tilt angle posttop	0°
Upward light output ratio	0
Dimmable	Yes
Housing Color	Aluminum
Mech. impact protection code	IK08
Ingress protection code	IP66
Surge Protection (Common/ Differential)	Surge protection level until 10 kV differential mode

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Lamp family code	Product family code
BVP518 1720/740 BV A35-WB D9 T35 OUT	LED1720	BVP518
BVP518 1720/740 BV A35-WB D9 T35 OUT LO	LED1720	BVP518
BVP518 1720/757 BV A35-WB D9 T35 OUT	LED1720	BVP518
BVP518 1650/730 BV A35-WB D9 T35 OUT LO	LED1650	BVP518
BVP518 1720/740 BV A65-WB D9 T35 OUT	LED1720	BVP518
BVP518 1720/740 HGB A35-WB D9 T35 OUT	LED1720	BVP518
BVP518 1720/757 HGB A35-WB D9 T35 OUT	LED1720	BVP518
BVP528 2590/740 HGB A35-WB D9 T35 OUT	LED2600	BVP528
BVP528 2590/757 HGB A35-WB D9 T35 OUT	LED2600	BVP528
BVP528 2590/740 BV A35-NB D9 T35 OUT LO	LED2600	BVP528
BVP528 2590/740 BV A35-WB D9 T35 OUT	LED2600	BVP528
BVP528 2590/740 BV A35-WB D9 T35 OUT LO	LED2600	BVP528
BVP528 2590/757 BV A35-WB D9 T35 OUT	LED2600	BVP528
BVP528 2470/730 BV A35-NB D9 T35 OUT LO	LED2500	BVP528
BVP528 2470/730 BV A35-WB D9 T35 OUT LO	LED2500	BVP528
BVP528 2590/740 BV A65-WB D9 T35 OUT	LED2600	BVP528

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Light source color	Correlated Color Temperature (Nom)	Luminous Flux
BVP518 1720/740 BV A35-WB D9 T35 OUT	740 neutral white	4000 K	149,640 lm
BVP518 1720/740 BV A35-WB D9 T35 OUT LO	740 neutral white	4000 K	120,400 lm
BVP518 1720/757 BV A35-WB D9 T35 OUT	757 cool white	5700 K	149,640 lm
BVP518 1650/730 BVA35-WB D9 T35 OUT LO	730 warm white	3000 K	113,850 lm
BVP518 1720/740 BV A65-WB D9 T35 OUT	740 neutral white	4000 K	149,640 lm
BVP518 1720/740 HGB A35-WB D9 T35 OUT	740 neutral white	4000 K	149,640 lm
BVP518 1720/757 HGB A35-WB D9 T35 OUT	757 cool white	5700 K	149,640 lm
BVP528 2590/740 HGB A35-WB D9 T35 OUT	740 neutral white	4000 K	225,330 lm
BVP528 2590/757 HGB A35-WB D9 T35 OUT	757 cool white	5700 K	225,330 lm
BVP528 2590/740 BV A35-NB D9 T35 OUT LO	740 neutral white	4000 K	181,300 lm
BVP528 2590/740 BV A35-WB D9 T35 OUT	740 neutral white	4000 K	225,330 lm
BVP528 2590/740 BV A35-WB D9 T35 OUT LO	740 neutral white	4000 K	181,300 lm
BVP528 2590/757 BV A35-WB D9 T35 OUT	757 cool white	5700 K	225,330 lm
BVP528 2470/730 BV A35-NB D9 T35 OUT LO	730 warm white	3000 K	170,430 lm
BVP528 2470/730 BV A35-WB D9 T35 OUT LO	730 warm white	3000 K	170,430 lm
BVP528 2590/740 BV A65-WB D9 T35 OUT	740 neutral white	4000 K	225,330 lm

Product information

Comprehensive selection of product codes available, contact Signify Middle East.

Product model	Power Consumption
BVP518 1720/740 BV A35-WB D9 T35 OUT	1,000 W
BVP518 1720/740 BV A35-WB D9 T35 OUT LO	1,000 W
BVP518 1720/757 BV A35-WB D9 T35 OUT	1,000 W
BVP518 1650/730 BV A35-WB D9 T35 OUT LO	1,000 W
BVP518 1720/740 BV A65-WB D9 T35 OUT	1,000 W
BVP518 1720/740 HGB A35-WB D9 T35 OUT	1,000 W
BVP518 1720/757 HGB A35-WB D9 T35 OUT	1,000 W
BVP528 2590/740 HGB A35-WB D9 T35 OUT	1,500 W
BVP528 2590/740 BV A35-NB D9 T35 OUT LO	1,500 W
BVP528 2590/740 BV A35-WB D9 T35 OUT	1,500 W
BVP528 2590/740 BV A35-WB D9 T35 OUT LO	1,500 W
BVP528 2590/757 BV A35-WB D9 T35 OUT	1,500 W
BVP528 2470/730 BV A35-NB D9 T35 OUT LO	1,500 W
BVP528 2470/730 BV A35-WB D9 T35 OUT LO	1,500 W
BVP528 2590/757 HGB A35-WB D9 T35 OUT	1,500 W
BVP528 2590/740 BV A65-WB D9 T35 OUT	1,500 W

GentleSpace gen3 Sport BY480P/BY481P



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The LED fitting for sports applications

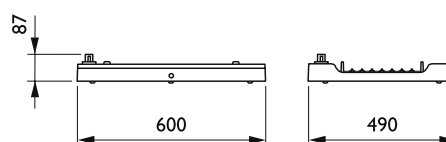
- VDE-certified balloon version (BP)
- Swimming-pool version (SWP) with marine salt protected and screws for chlorinated environments
- High-efficiency HE version: up to 174 lm/W and extended life: 100 000h L85
- Driver Dali 2 part 251 / 252 / 253
- Luminous flux in 13,000, 17,000, 25,000 or 35,000 lm with wide (WB) medium (MB) narrow (NB) very narrow (XNB) optics
- Lyre mounting or reinforced suspension kit
- Wieland connector options



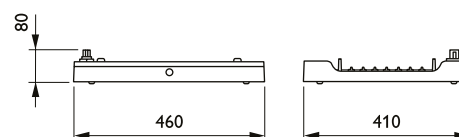
Rear view with remote connector



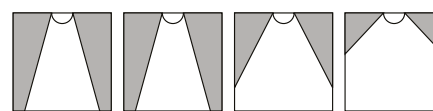
Large model (BY481P), with reinforced suspension kit



Large model (BY481P) - Dimensions in mm



Small model (BY480P) - Dimensions in mm



HRO (rack) NB (narrow) MB (medium) WB (wide)

Light distribution of the optics

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Beam (°)
Version SWP – Pool					
Large model, Seawater protection (SWP), Dimming DALI, Glass cover (GC), with lyre					
BY481P LED250S/865 PSD WB GC SI SWP BR	25 000	162	155	6 500	42 x 44
Small model, Seawater protection (SWP), Dimming DALI, Glass cover (GC), with lyre					
BY480P LED170S/840 PSD WB GC SI SWP BR	17 000	120	142	4 000	42 x 44
Version BP - Ball jet					
Small model, Dimming DALI, Glass cover (GC), with suspension					
BY480P LED170S/840 PSD WB GC SI BP	17 000	120	142	4 000	42 x 44
Large model, Dimming DALI, Glass cover (GC), with suspension					
BY481P LED250S/840 PSD WB GC SI BP	25 000	160	154	4 000	42 x 44

SportControl BCS375/BPS375



50 000 h
L80 B50

1 %

PSD DALI

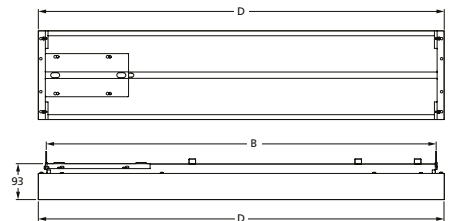
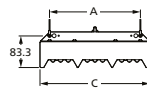
4 000 K

80

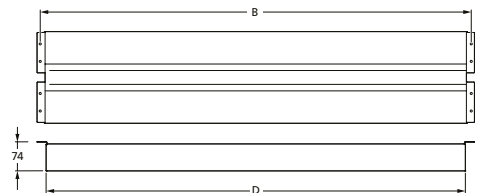
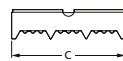
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Linear mounting



BCS
ceiling mounted



BPS
suspended mount

Dimensions in mm		A	B	C	D
BCS	W20LI48	166	1504	198	1478
	W29LI48	211	1504	288	1478
	W20LI77	166	1799	198	1773
	W29LI77	211	1799	288	1773
BPS	W20LI48	148	1439	198	1478
	W29LI48	238	1439	288	1478
	W20LI77	148	1734	198	1773
	W29LI77	238	1734	288	1773

- Fitting that combines visual comfort and luminous efficiency: up to 155 lm/W
- Ball-impact-resistant, VDE-compliant fitting
- Extremely long life : 50,000 h L80
- Available as reinforced pendant or ceiling-mounted luminaires
- Wide choice of optics (narrow, medium, wide beams)

Sports

Quotation on request

ClearFlood Large BVP651

100 000 h
L94 to L976 driver
systems5 color
tempera
tures

Up to 80



BVP651i

4 kV,
10kV opt.On
demand

IK08



IP66



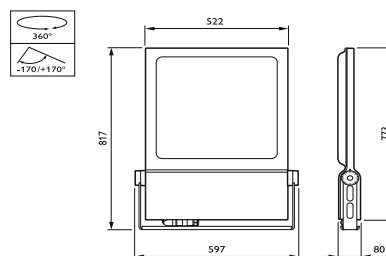
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The floodlight that combines outstanding efficiency and optical versatility

- 12 available fluxes for perfect adaptability
- 10 optics for every application
- 5 management systems for maximum control flexibility: Dimming DALI (D9), CLO, LumiStep, DynaDimmer
- Source flux: up to 89000 lm
- Available color temperatures: 4,000 K (CRI 70), optional: 3,000 K (CRI 70/80), 2,200 K and 2,700 K (CRI 70), 2,700 K (CRI 80), 4,000 K (CRI 80) and 5,700 K (CRI 70)
- Options: other RAL color, Marine salt protected and pool special (SPO)



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic
Version 4S - 4000 K - IRC 70 - Optic Extra-Wide DX50 (Imax=66°) - Class I - Finish Silver (Ral 9007) - Ta=25°C						
BVP651 LED500-4S/740 DX50 ALU PSU	41 000	305	134	4000	70	Distribution Extra-Large (DX50)
BVP651 LED650-4S/740 DX50 ALU PSU	53 460	405	132	4000	70	Distribution Extra-Large (DX50)
BVP651 LED700-4S/740 DX50 ALU PSU	56 700	440	129	4000	70	Distribution Extra-Large (DX50)
BVP651 LED850-4S/740 DX50 ALU PSU	68 800	520	132	4000	70	Distribution Extra-Large (DX50)
BVP651 LED890-4S/740 DX50 ALU PSU	72 000	550	131	4000	70	Distribution Extra-Large (DX50)
Version 4S - 4000 K - CRI 70 - Asymmetrical Optic OFA52 (Imax=52°) - Class I - Finish Silver (Ral 9007) - Ta=25°C						
BVP651 LED500-4S/740 OFA52 ALU PSU	42 500	305	139	4000	70	Distribution Asymmetrical (OFA52)
BVP651 LED650-4S/740 OFA52 ALU PSU	55 440	405	137	4000	70	Distribution Asymmetrical (OFA52)
BVP651 LED700-4S/740 OFA52 ALU PSU	58 800	440	134	4000	70	Distribution Asymmetrical (OFA52)
BVP651 LED850-4S/740 OFA52 ALU PSU	71 380	520	137	4000	70	Distribution Asymmetrical (OFA52)
BVP651 LED890-4S/740 OFA52 ALU PSU	74 700	550	136	4000	70	Distribution Asymmetrical (OFA52)
Version 4S - 4000 K - CRI 70 - Optic Extra-Wide DX60 (Imax=34°) - Class I - Finish Silver (Ral 9007) - Ta=25°C						
BVP651 LED450-4S/740 DX60 ALU PSU	40 050	270	148	4000	70	Distribution Extra-Large (DX60)
BVP651 LED500-4S/740 DX60 ALU PSU	44 000	305	144	4000	70	Distribution Extra-Large (DX60)
BVP651 LED650-4S/740 DX60 ALU PSU	58 080	405	143	4000	70	Distribution Extra-Large (DX60)
BVP651 LED700-4S/740 DX60 ALU PSU	61 600	440	140	4000	70	Distribution Extra-Large (DX60)
BVP651 LED750-4S/740 DX60 ALU PSU	66 880	475	141	4000	70	Distribution Extra-Large (DX60)

Product configurable : Consult us for other versions

ClearFlood BVP650

100 000 h
L95 to L986 driver
systems5 color
tempera
tures

Up to 80



BVP650i

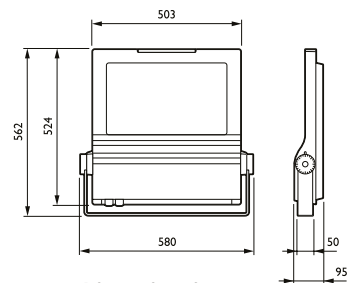
6 kV (DM)
8 kV (CM)
10 kV opt.On
demand

PHILIPS
interact
ready.



The floodlight that combines outstanding efficiency and optical versatility

- 21 available fluxes for perfect adaptability
- 10 optics for every application
- 6 management systems for maximum control flexibility: DALI dimming (D9), CLO, LumiStep, DynaDimmer, EasyAir by Remoticom and Interact (Sports)
- Source flux: up to 46,000 lm
- Available color temperatures: 4,000 K (CRI 70), optional: 3,000 K (CRI 70/80), 2,200 K and 2,700 K (CRI 70), 2,700 K (CRI 80), 4,000 K (CRI 80) and 5,700 K (CRI 70)
- Options: other RAL colors, marine salt protected (MSP)



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic
Version 4S - 4000 K - CRI 70 - Optic Extra-Wide DX50 (Imax=66°) - Class I - Finish Silver (Ral 9007) - Ta=25°C						
BVP650 LED340-4S/740 PSU DX50 ALU	27 880	205	136	4000	70	Distribution Extra-Large (DX50)
BVP650 LED360-4S/740 DX50 ALU PSU	29 520	220	134	4000	70	Distribution Extra-Large (DX50)
BVP650 LED380-4S/740 DX50 ALU PSU	31 160	235	133	4000	70	Distribution Extra-Large (DX50)
BVP650 LED420-4S/740 DX50 ALU PSU	34 020	265	128	4000	70	Distribution Extra-Large (DX50)
BVP650 LED440-4S/740 DX50 ALU PSU	35 640	280	127	4000	70	Distribution Extra-Large (DX50)
Version 4S - 4000 K - CRI 70 - Asymmetrical Optic OFA52 (Imax=52°) - Class I - Finish Silver (Ral 9007) - Ta=25°C						
BVP650 LED340-4S/740 PSU OFA52 ALU	28 900	205	141	4000	70	Distribution Asymmetrical (OFA52)
BVP650 LED360-4S/740 OFA52 ALU PSU	30 600	220	139	4000	70	Distribution Asymmetrical (OFA52)
BVP650 LED380-4S/740 PSU OFA52 ALU	32 300	235	137	4000	70	Distribution Asymmetrical (OFA52)
BVP650 LED420-4S/740 OFA52 ALU PSU	35 280	265	133	4000	70	Distribution Asymmetrical (OFA52)
BVP650 LED440-4S/740 OFA52 ALU PSU	36 960	280	132	4000	70	Distribution Asymmetrical (OFA52)
Version 4S - 4000 K - CRI 70 - Asymmetrical Optic OFA52 (Imax=52°) - Class I - Finish Silver (Ral 9007) - Ta=25°C - Dali (D9)						
BVP650 T35 1xLED380-4S/740 OFA52 D9	32 300	235	137	4000	70	Distribution Asymmetrical (OFA52)
Version 4S - 4000 K - CRI 70 - Optic Extra-Wide DX60 (Imax=34°) - Class I - Finish Silver (Ral 9007) - Ta=25°C						
BVP650 LED360-4S/740 DX60 ALU PSU	32 040	220	146	4000	70	Distribution Extra-Large (DX60)
BVP650 LED380-4S/740 DX60 ALU PSU	33 820	235	144	4000	70	Distribution Extra-Large (DX60)
BVP650 LED420-4S/740 DX60 ALU PSU	36 960	265	139	4000	70	Distribution Extra-Large (DX60)
BVP650 LED440-4S/740 DX60 ALU PSU	38 720	280	138	4000	70	Distribution Extra-Large (DX60)

Configurable product: consult us for other versions

CoreLine Tempo Small gen2 BVP111

75 000 h
L80

7,5 %

2 driver
systems3 000 K
4 000 K

70



BVP111i

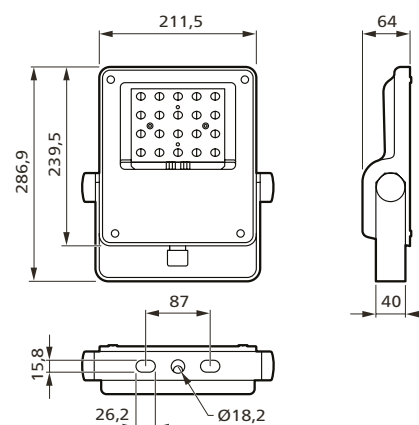
6 kV (DM)
8 kV (CM)

PHILIPS



The ideal equivalent to HPI 70W floodlights

- System flux: up to 6,200 lm
- External 3-pole IP68 waterproof connector for rapid electrical connection: less installation time
- Excellent service life for reduced maintenance
- Options : LumiStep 6 and 8 hours, DALI (D9), other RAL colors, marine salt protected (MSP)



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	Optic
4000 K - CRI 70 - Optic Distribution Asymmetrical (OFA52) - Class I - Finish Silver (Ral 9007) - Ta=25°C					
BVP111 LED51-4S/740 OFA52	4 284	31	138	4000	Asymmetric distribution (OFA52)
BVP111 LED73-4S/740 OFA52	6 059	43	140	4000	Asymmetric distribution (OFA52)
3000 K - CRI 70 - Optic Distribution Asymmetrical (OFA52) - Class I - Finish Silver (Ral 9007) - Ta=25°C					
BVP111 LED49-4S/730 OFA52	4 116	30	138	3000	Asymmetric distribution (OFA52)
4000 K - IRC 70 - Optic Symmetrical Distribution (S) - Class I - Finish Silver (Ral 9007) - Ta=25°					
BVP111 LED51-4S/740 S	4 386	31	141	4000	Symmetric distribution (S)
3000k-CRI 70- Optic Symmetrical Distribution (S) - Class I - Finish Silver (Ral 9007) - Ta=25°					
BVP111 LED49-4S/730 S	4 214	31	136	3000	Symmetric distribution (S)

CoreLine Tempo Medium BVP125

75 000 h
L80

7,5 %

2 driver
systems3 000 K
4 000 K

Up to 80



BVP125i



6 kV

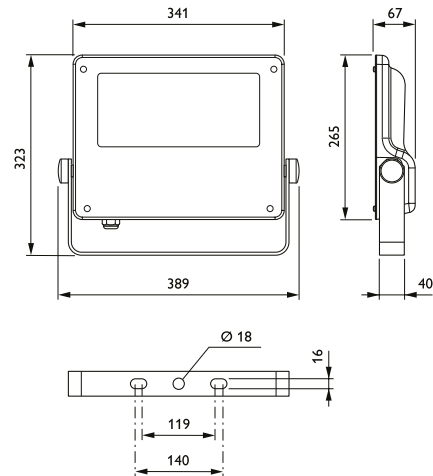


PHILIPS



The ideal equivalent to HPI 250 W floodlights

- System flux : Up to 16,000 lm
- External 3-pole IP68 waterproof connector for rapid electrical connection: less installation time
- Excellent service life for reduced maintenance
- Options : LumiStep 6 and 8 hours, DALI (D9), Codes Mains. Other color temperature 3,000 K RAL(CRI 80), other RAL color, marine salt protected (MSP), pool special (SPO)



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic
4000 K - CRI 70 - Optic Distribution Asymmetrical (OFA52) - Class I - Finish Silver (Ral 9007) - Ta=25°C						
BVP125 LED80-4S/740 PSU OFA52 ALU C1KC3	8 000	55	147	4000	70	Asymmetrical Distribution (OFA52)
BVP125 LED120-4S/740 PSU OFA52 ALU C1KC3	12 000	88	136	4000	70	Asymmetrical Distribution (OFA52)
BVP125 LED160-4S/740 OFA52	16 000	117	138	4000	70	Asymmetrical Distribution (OFA52)
3000 K - CRI 70 - Optic Distribution Asymmetrical (OFA52) - Class I - Finish Silver (Ral 9007) - Ta=25°C						
BVP125 LED80-4S/730 PSU OFA52 ALU C1KC3	8 000	59	140	3000	70	Asymmetrical Distribution (OFA52)
BVP125 LED120-4S/730 PSU OFA52 ALU C1KC3	12 000	87	139	3000	70	Asymmetrical Distribution (OFA52)
BVP125 LED160-4S/730 OFA52	16 000	122	129	3000	70	Asymmetrical Distribution (OFA52)
4000 K - CRI 70 - Optic Symmetrical Distribution (S) - Class I - Finish Silver (Ral 9007) - Ta=25°						
BVP125 LED80-4S/740 PSU S ALU C1KC3	8 000	55	147	4000	70	Symmetrical Distribution (S)
BVP125 LED120-4S/740 PSU S ALU C1KC3	12 000	88	136	4000	70	Symmetrical Distribution (S)
BVP125 LED160-4S/740 S	16 000	117	138	4000	70	Symmetrical Distribution (S)
3000 K - CRI 70 - Optic Symmetrical Distribution (S) - Class I - Finish Silver (Ral 9007) - Ta=25°						
BVP125 LED80-4S/730 PSU S ALU C1KC3	8 000	59	140	3000	70	Symmetrical Distribution (S)
BVP125 LED120-4S/730 PSU S ALU C1KC3	12 000	87	139	3000	70	Symmetrical Distribution (S)
BVP125 LED160-4S/730 S	16 000	122	129	3000	70	Symmetrical Distribution (S)

CoreLine Tempo Large BVP130

75 000 h
L80

7,5 %

2 driver
systems3 000 k
4 000 K

Up to 80



BVP130i



6 kV

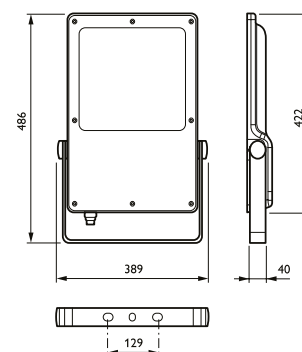


PHILIPS



The ideal equivalent to HPI 400 W floodlights

- System flux: up to 30,000 lm
- External 3-pole IP68 waterproof connector for rapid electrical connection: less installation time
- Excellent service life for reduced maintenance
- Options : LumiStep 6 and 8 hours, DALI (D9), Codes Mains. Other color temperature 3,000 K (CRI 80), other colors RAL, marine salt protected (MSP), special pool (SPO)



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic
4000 K - CRI 70 - Asymmetrical Optic (A) - Class I - Finish Silver (Ral 9007) - Ta=25°C						
BVP130 LED210-4S/740 PSU OFA52 ALU C1KC3	21 000	164	130	4000	70	Asymmetrical Distribution (OFA52)
BVP130 LED260-4S/740 PSU OFA52 ALU C1KC3	26 000	183	143	4000	70	Asymmetrical Distribution (OFA52)
BVP130 LED300-4S/740 OFA52	30 000	210	139	4000	70	Asymmetrical Distribution (OFA52)
3000 K - CRI 70 - Asymmetrical Optic (A) - Class I - Finish Silver (Ral 9007) - Ta=25°C						
BVP130 LED205-4S/730 A	20 500	154	135	3000	70	Asymmetrical Distribution (A)
BVP130 LED260-4S/730 A	26 000	191	133	3000	70	Asymmetrical Distribution (A)
4000 K - CRI 70 - Optic Symmetrical (S) - Class I - Finish Silver (Ral 9007) - Ta=25°C						
BVP130 LED210-4S/740 PSU S ALU C1KC3	21 000	146	144	4000	70	Symmetrical Distribution (S)
BVP130 LED260-4S/740 PSU S ALU C1KC3 T35	26 000	183	143	4000	70	Symmetrical Distribution (S)
BVP130 LED300-4S/740 S	30 000	210	139	4000	70	Symmetrical Distribution (S)
3000 K - CRI 70 - Optic Symmetrical (S) - Class I - Finish Silver (Ral 9007) - Ta=25°C						
BVP130 LED205-4S/730 S	20 500	154	135	3000	70	Symmetrical Distribution (S)
BVP130 LED260-4S/730 S	26 000	191	133	3000	70	Symmetrical Distribution (S)

CoreLine Tempo X-Large BVP140

75 000 h
L80

7,5 %

4 driver
systems3 000 K
4 000 K
5 700 K

Up to 80



BVP140i

6 kV (DM)
8 kV (CM)
10 kV and
option

Options:

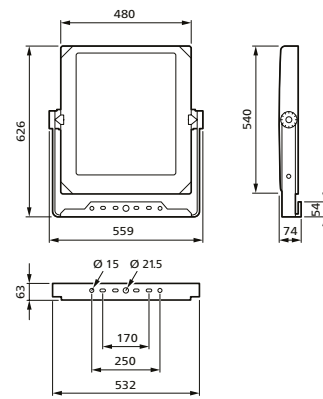


PHILIPS
interact
ready.



The ideal equivalent to SHP 400 W floodlights

- Source flux: up to 49,000 lm
 - External 3-pole IP68 waterproof connector for rapid electrical connection: less installation time
 - Excellent service life for reduced maintenance
 - Options : LumiStep 6 and 8 hours, DynaDimmer, DALI (D9), Interact (Sports).
- Other color temperatures 3,000 K (CRI 80) 4 000 K (CRI 80) and 5 700 K (CRI 70), other colors RAL, marine salt protected (MSP), special pool (SPO)



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

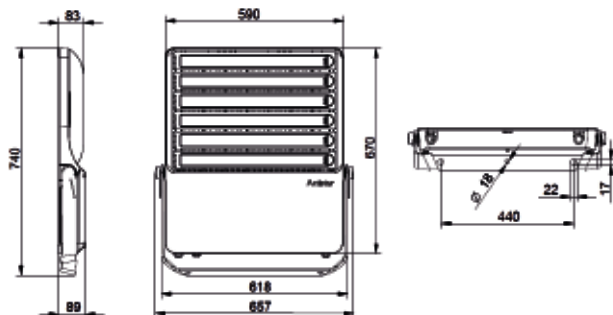
Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic
4000 K - CRI 70 - Asymmetrical Optic (OFA52) - Class I - Finish Silver (Ral 9007) - Ta=25°C						
BVP140 LED360-4S 30K6/740 PSU OFA52	30 600	225	136	4000	70	Asymmetrical Distribution (OFA52)
BVP140 LED420-4S 35K3/740 PSU OFA52	35 280	250	141	4000	70	Asymmetrical Distribution (OFA52)
BVP140 LED480-4S 40K3/740 PSU OFA52	40 320	295	137	4000	70	Asymmetrical Distribution (OFA52)
4000 K - CRI 70 - Asymmetrical Optic (OFA52) - Class I - Finish Silver (Ral 9007) - Ta=25°C - Dali (D9)						
BVP140 LED420-4S 35K3/740 PSD OFA52 D9	35 280	250	141	4000	70	Asymmetrical Distribution (OFA52)
3000 K - CRI 70 - Asymmetrical Optic (OFA52) - Class I - Finish Silver (Ral 9007) - Ta=25°C						
BVP140 LED360-4S 30K6/730 PSU OFA52	30 600	245	125	3000	70	Asymmetrical Distribution (OFA52)
BVP140 LED420-4S 35K3/730 PSU OFA52	35 280	275	128	3000	70	Asymmetrical Distribution (OFA52)
BVP140 LED450-4S 37K8/730 PSU OFA52	37 800	295	128	3000	70	Asymmetrical Distribution (OFA52)
4000 K - CRI 70 - Optic Symmetrical (S) - Class I - Finish Silver (Ral 9007) - Ta=25°C						
BVP140 LED360-4S 31K3/740 PSU S	31 320	225	139	4000	70	Symmetrical Distribution (S)
BVP140 LED420-4S 36K1/740 PSU S	36 120	250	144	4000	70	Symmetrical Distribution (S)
BVP140 LED480-4S 41K3/740 PSU S	41 280	295	140	4000	70	Symmetrical Distribution (S)
3000 K - CRI 70 - Optic Symmetrical (S) - Class I - Finish Silver (Ral 9007) - Ta=25°C						
BVP140 LED360-4S 31K3/730 PSU S	31 320	245	128	3000	70	Symmetrical Distribution (S)
BVP140 LED420-4S 36K1/730 PSU S	36 120	275	131	3000	70	Symmetrical Distribution (S)
BVP140 LED450-4S 38K7/730 PSU S	38 700	295	131	3000	70	Symmetrical Distribution (S)

ActiStar BVP631, BVP632 & EVP632

PHILIPS
interact
ready.



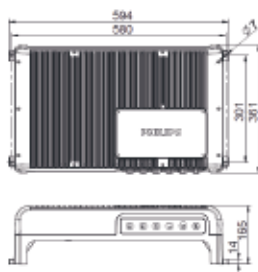
BVP631/BVP632



Gear box EVP632 S



Gear box EVP632 L



Versatile LED floodlight

Philips ActiStar Inherits and develops Philips brand floodlight consistent advantages to a new performance level to illuminate your recreational sports fields and areas with best-in-class LED technology. It's new ideal solution for a wide range of lighting applications, like recreational sports pitch, containers yard and ports, apron and industrial large areas, intersection road, etc. ActiStar will energize your sports facilities with uniformity and be able to enhance the safety of intersection roads by maximizing efficiencies. Optimized design for 1:1 retrofitting in compact size with lower weight, wide choice of optic, high manufacturing quality. It can deliver sufficient light at higher efficacy, and it incorporates best-in-class LED light source, modular optical system, heat sink and driver into one-piece housing that meets globally recognized safety standards. Its rigorous designed heat sink incorporates aesthetics and functionality to ensure excellent reliability. The superior lighting performance and longer lifetime to activate your infinite potential, ActiStar.

Product features

IP66 and IK08 rated

Pre-set gasket without glue and robust gland protect luminaire against dust and water/moisture, improving product lifetime. IK08 will increase the capability against shock damage.

ADC1 diecasting aluminum and Finish

It ensure products durability in harsh environment and heat dissipation in operation.

1000hrs marine salt protection powder coating.
RAL9007

Surge protection

Standard SPD 15KV protect the luminaire

Dimming drivers

1-10V/ DALI 2.0 (coded mains) enable luminaire connected to control system, interact Sports ready without additional modification

IP67 cable gland

Leading cable and preformed hole for control cable.

Model	Luminaire Dimension(cm)	Weight(kg)
BVP631	L670 x W590 x H90	27/28*
BVP632	L670 x W590 x H90	24
EVP632 S	L241 x W595 x H142	10
EVP632 L	L361 x W594 x H165	14

*subject to driver configuration, refer to MI for more details.

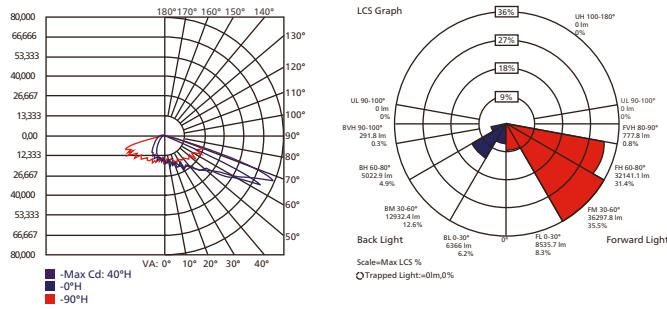
Main Applications

- Airport / Apron
- Port & Container Yard
- Large Industrial Areas / Car Park Areas
- Building Facades
- Transportation Terminals & Tollways
- General Flood Lighting
- Recreational Sports Stadium

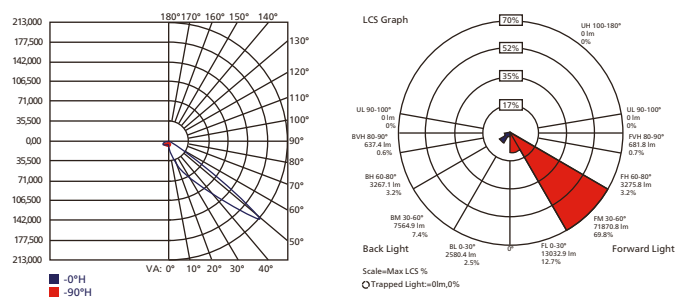


Light Distribution Curve

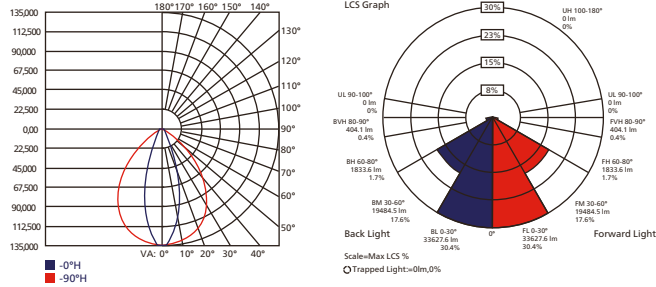
BVP631 LED1023 757 820W 1-10V DX10



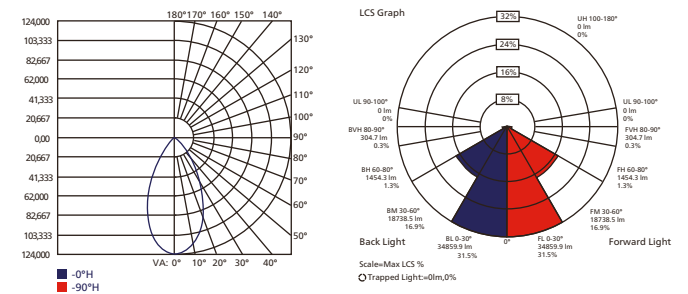
BVP631 LED1029 757 820W 1-10V AWB



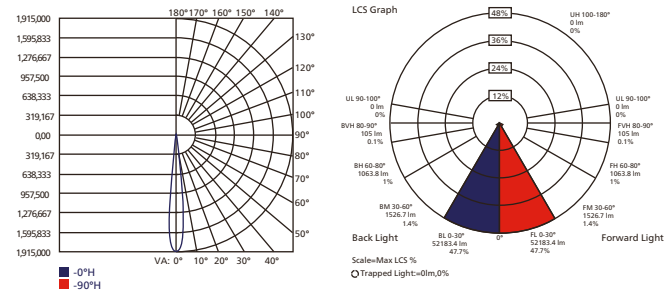
BVP631 LED1107 757 820W 1-10V SWB



BVP631 LED1107 757 820W 1-10V SMB



BVP631 LED1095 757 820W 1-10V NB



Sports

Product Data

Product Model	Integrated driver version BVP631	Remote driver version BVP632 + EVP632
Typical efficacy (luminaire)	Up to 135lm/W (Ave. @757) differing by LOR of optics and CRI/CCT	
Power (W)@Max pcs drivers' config*	Up to 820W @ Fix 1-10V driver Up to 770W @ Fix driver Up to 750W @ dali driver Up to 600W @ wide voltage LP	Up to 820W @ Fix 1-10V & Dali driver (coded mains incl.) up to 770W @ Fix driver
Lumen (lm) @Max pcs drivers' config*	Up to 110Klm @ Fix 1-10V driver Up to 106Klm @ Fix driver Up to 90Klm @ Dali driver Up to 72Klm @ wide voltage LP	Up to 110Klm @ Fix 1-10V & Dali driver (coded mains incl.) up to 106Klm @ Fix driver
Luminaire lifetime	50Khrs L70B50@Ta35°C outdoor	
Warranty	5 years	
LED	High-power LED	
CCT/CRI	730/740/757/830/840/857/957	
SDCM	<=5 steps	
Light distribution	NB/AWB/SMB/SWB/53/55/56/57/DX10	
Optical window	F1 rated polycarbonate	
Input voltage	220-240V for Fix/Fix 1-10V/Dali, 110-277V for wide voltage LP	
Power factor	0.95@full loading	
THD	< 20%	
Safety class	Class I	
Control interface	1-10V, Dali 2.0, Coded Mains	
Surge protection	15kV/kA SPD device	
Interface to main	1.5m leading cable	
Interface to control wire	Cable gland with end cap on housing, without singal wire	
Connection	1.5m flying cable without connector	1.5m leading cable with 1 couple of connector@ luminaire 1.5m leading cable with 1 couple of connector@ driver box
Driver	Philips Xitanium Drivers	
Ambient temperature	35°C Ta Outdoor Condition	
Operating temperature	-40°C to 50°C (outdoor), -40°C to 40°C (indoor)	
Ingress protection	IP66	
Impact protection	IK08	
Dimensions	0.67X0.59X0.09m(w/o bracket)	0.67X0.59X0.09m - luminaire 0.24X0.6X0.17m - small driver box 0.36X0.6X0.17m - large driver box
Weight (based on typical configurations - L2 and drivers)	27Kg- Fix/Fix 1-10V/LP drivers Dali- 29Kg tolerance ±3%	24Kg- luminaire 10Kg - small gear box and 14Kg - large gear box tolerance ±3%
Salt spray corrosion test	1000 hours tested	
Mounting	U bracket, surface-mounted	
Tilt angle	Downwards 0~75D	
Wind force	IEC/GB Standard, area 0.4m2	
Vibration tested	3G (x, y, and z) tested range	
Shock tested	30G, 50G tested range	
Industry design	yes	
Finishing	Powder painting RAL9007	
Materials	Housing and rear cover - die casting aluminum ADC1	
Interface for accessory	Brakect - carbon steel	
Interface for accessory	Professional aiming device (912300024403) same as AVOV3.5/SS G2/BVP384, adaptor provided on request**	

Product Data

Product Model	Integrated driver version BVP631	Remote driver version BVP632 + EVP632
Driver box (in remote driver application)	N/A	EVP632 small driver box for Fix/Fix 1-10V driver EVP632 large driver box for Dali driver
Package	Industrial carton package (1pc per box)	Industrial carton package (1pc per box), luminaire head and EVP632 driver box separately packaged
Certificates	CQC/CB/SAA/CE/ADQCC	
Sustainability	RoHS	
Serviceability	Driver, SPD	

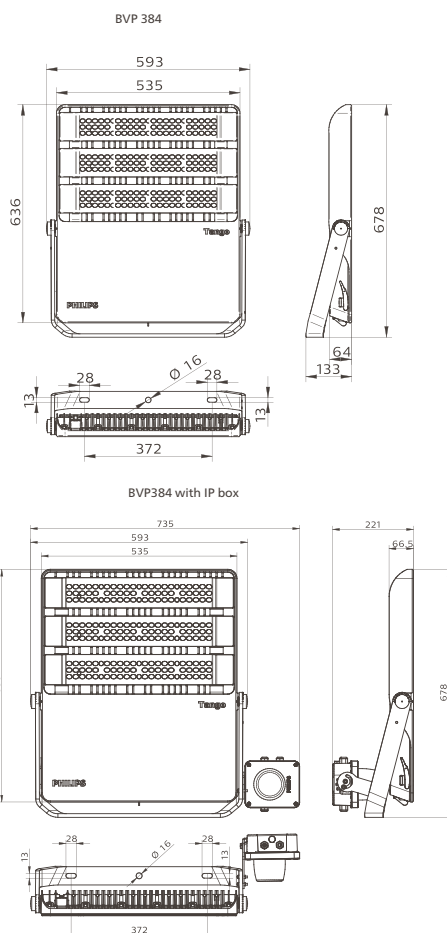
Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Region	FG Desc.	Control interface	Integrated / remote driver
GCGM	BVP631 LED1029/757 820W AWB 1-10V	Fix 1-10V	integrated
GCGM	BVP631 LED1095/757 820W NB 1-10V	Fix 1-10V	integrated
GCGM	BVP631 LED1107/757 820W SMB 1-10V	Fix 1-10V	integrated
GCGM	BVP631 LED1107/757 820W SWB 1-10V	Fix 1-10V	integrated
GCGM	BVP631 LED1095/757 820W S3 1-10V	Fix 1-10V	integrated
GCGM	BVP631 LED1107/757 820W S5 1-10V	Fix 1-10V	integrated
GCGM	BVP631 LED1107/757 820W S6 1-10V	Fix 1-10V	integrated
GCGM	BVP631 LED1107/757 820W S7 1-10V	Fix 1-10V	integrated
GCGM	BVP631 LED898/757 700W DX10	Fix	integrated
GCGM	BVP631 LED984/757 770W DX10	Fix	integrated
GCGM	BVP631 LED934/757 750W DX10 1-10V	Fix 1-10V	integrated
GCGM	BVP631 LED1023/757 820W DX10 1-10V	Fix 1-10V	integrated
GCGM	BVP631 LED718/857 600W NB FP	Dali/Coded mains	integrated
GCGM	BVP631 LED898/857 750W NB FP	Dali/Coded mains	integrated
GM	BVP631 LED718/857 600W NB LP	wide voltage-LP	integrated
GCGM	BVP632 LED832/957 770W S5	Fix	Powered by EVP632 FIX S
GCGM	BVP632 LED866/957 820W S6	Fix 1-10V	Powered by EVP632 1-10V S
GCGM	BVP632 LED866/957 820W S7	Dali/Coded mains	Powered by EVP632 FP L
GCGM	BVP631 LED983/857 820W NB 1-10V	Fix 1-10V	integrated
GCGM	EVP632 S 220-240 820W PSR	FIX 1-10V	EVP632 1-10V S
GCGM	EVP632 S 220-240 770W FIX	Fix	EVP632 FIX S
GCGM	EVP632 L 220-240 820W PSD	Dali/Coded mains	EVP632 FP L

Tango G3 LED BVP384

PHILIPS



Projection/Floodlighting

Philips Tango G3 LED floodlight is an ideal solution for various area and motion lighting applications. It integrates LED light source, optical system, heat sink and driver into a compact and rugged shell that meets globally recognized safety standards. Its special designed heat sink combines aesthetics and function to ensure excellent reliability. This lamp adopts LED technology, with excellent performance and longer service life, which brings regional lighting to a whole new level.

Product features

Excellent Light Efficiency Performance

Up to 580W, 71KLm, up to 125lm/ W@4000K /5700K

Reliable Performance

ADC1 grade high-specification aluminum, high-pressure cast aluminum integrated shell 1000 hours of salt spray resistance, especially suitable for harsh environments such as port and harbor operations. Whole lamp IP66 (without glue)/IK08 protection

Long Life

50 Khrs life design. The entire series is equipped with Philips Xitanium drive power and 10KV/15KV surge protection. Philips LHP1710W DMX drive shows dynamic lighting

Convenient and Safe Installation and Maintenance

Lighting fixtures are designed to be lightweight to enhance the safety of installation and maintenance. Tool-free opening and closing of the electrical cavity cover and tool-free replacement of the surge protector for easy installation and maintenance

Multiple Control Methods (ETO)

1-10V/Dali

NEMA

Coded Mains/DMX for Interact Motion System

SR for Interact City (CityTouch/Flex) system

Main Applications

- Suitable for parking lot lighting, industrial area/factory/construction site lighting, billboard lighting, urban squares, airport terminal buildings, airport aprons, port terminals, port machinery, and all kinds of stadium/outdoor venue lighting.



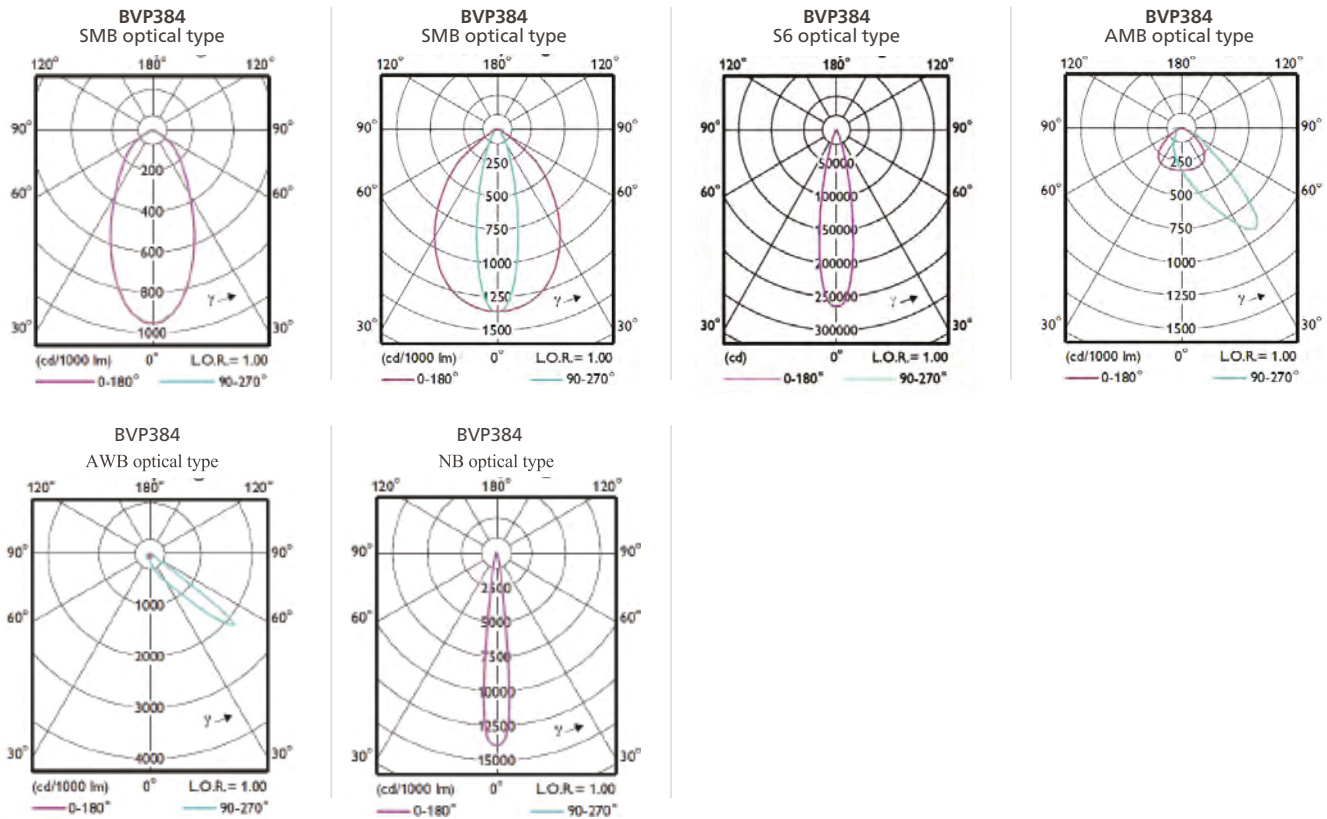
Technical Parameters

Product Series	BVP384
Luminous Flux	Up to 73Klm (LP), 55Klm (DALI,DMX)
Color Temperature and Color Rendering CRI*	3000K (CRI 70/80)/4000K (CRI 70/80)/5700K (CRI 70/80/90)
System Efficiency (Typical Value)**	Up to 125 lm/W CRI 70: 3000k - up to 115lm/W, 4000K/5700K - up to 125lm/w CRI 80: 3000K - up to 100lm/W, 4000K/5700K - up to 108lm/w CRI 90: 5700K - up to 100lm/w
Power Output	Up to 580W (LP), 440W (DALI), 550W (DMX)
Color Tolerance	≤ 5/7 SDCM
Shell	High-pressure cast aluminum (ADC1 aluminum, 500 hours/1000 hours salt spray resistance)
Light Distribution	SWB, SMB, AWB, AMB, NB, S6
Lens Material	PC
Input Voltage	220V-240V 50/60hz
Power Factor	>=0.95
Drive	LP , FP , DMX
Control (Non-standard Customization)	1-10V ; Dali ; Coded Mains ; SR ; DMX
Surge Protection	10KV, 15KV, tool-free replacement and maintenance
Fly Line Length	Non-DMX version 0.5m, DMX version 1.5m
Service Life Operating Temperature	Ta=35°C; 50K hours; 70% lumen maintenancerate
Operating Temperature	-40°C-50°C
Protection Grade	IP66 (without glue); IK08
Shell Material	Aluminium
Dimension LxWxH (mm)	593x678x133
Installation and Maintenance	Bracket mounting, tool-free opening and closing of the electrical chamber
Weight	~20Kg LP/FP
Compliance with Certification	CQC, CB, RoHS, CE

* The nominal color temperature is the initial value, and the definition refers to ANSI C78.377-2008

**Lower tolerance limit - 5%

Light Distribution Curve



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model

BVP384 LED571/CW 440W PSC AWB GC
 BVP384 LED571/CW 440W PSC AMB GC
 BVP384 LED504/857 480W DMX AWB GC
 BVP384 LED504/857 480W DMX AMB GC
 BVP384 LED528/857 490W 220-240V S6 L GC
 BVP384 LED614/CW 490W 220-240V S6 L GC
 BVP384 LED528/857 490W 220-240V NB L GC
 BVP384 LED614/CW 490W 220-240V NB L GC
 BVP384 LED528/857 490W 220-240V S6 GC
 BVP384 LED614/CW 490W 220-240V S6 GC
 BVP384 LED528/857 490W 220-240V NB GC
 BVP384 LED528/857 490W 220-240V SMB GC
 BVP384 LED528/857 490W 220-240V AMB GC
 BVP384 LED528/840 490W 220-240V NB GC
 BVP384 LED528/840 490W 220-240V SMB GC
 BVP384 LED528/840 490W 220-240V AMB GC
 BVP384 LED614/CW 490W 220-240V NB GC
 BVP384 LED614/CW 490W 220-240V AWB GC
 BVP384 LED614/CW 490W 220-240V AMB GC
 BVP384 LED614/CW 490W 220-240V SWB GC
 BVP384 LED614/CW 490W 220-240V SMB GC
 BVP384 LED614/NW 490W 220-240V NB GC
 BVP384 LED614/NW 490W 220-240V AWB GC
 BVP384 LED614/NW 490W 220-240V AMB GC
 BVP384 LED614/NW 490W 220-240V SWB GC
 BVP384 LED614/NW 490W 220-240V SMB GC
 BVP384 LED565/WW 490W 220-240V AWB GC

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model

BVP384 LED565/WW 490W 220-240V AMB GC

BVP384 LED565/WW 490W 220-240V SWB GC

BVP384 LED571/NW 435W AWB CTF 850MHz GC

BVP384 LED725/757 580W 220-240V AMB GC

BVP34 LED700/757 580W 220-240V SMB GC

BVP384 LED733/757 580W 220-240V NB GC

BVP384 LED733/757 580W 220-240V S6 GC

BVP384 LED550a/957 550W DMX S6 GCGM

ZVP300 hub for DMX

EVP400-DMX 1-3 branch

EVP400-DMX 1-2 branch



Tango G4 LED Glass Version BVP491/492/493

PHILIPS
interact
ready.



reddot winner 2021
lighting design

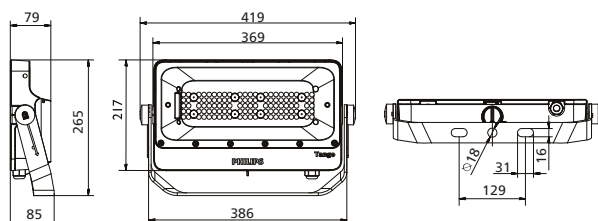


BVP491

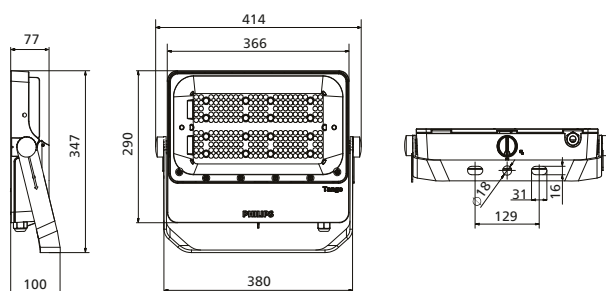
BVP492

BVP493

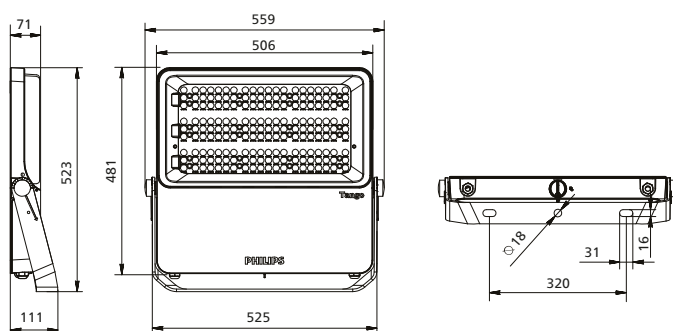
BVP 491



BVP 492



BVP 493



Projection/Floodlighting

The Tango G4 LED glass version features the latest professional design, and compared to the previous generation glass version of Tango G2 LED, the lamp weight is reduced by up to 23%, and the wind pressure is reduced by up to 35%. In terms of materials, this lamp adopts high-quality materials and parts. High-quality chips are selected; world-class PC materials are used, and the integrated UV-resistant, anti-aging PC lens enables the lamp to work in harsh environments; Philips drives and surge protectors are used to ensure system compatibility and stability; high-quality ADC1 die-cast aluminum coating ensures corrosion resistance; and 5mm-thick high-strength tempered glass provides premium protection. It has also passed rigorous testing, with better heat dissipation performance, safer and more durable.

Product features

Full range of lumens and multiple lens options for different applications

BVP491 - up to 13,600lm @ 100W*

BVP492 - up to 26800lm @ 200W*

BVP493 - up to 48500lm @ 380W*

Reliable quality and stable performance

High quality ADC1 die-cast aluminum shell and bracket 500-hour salt spray (small, medium shell) and 1000-hour salt spray (large shell), IP66&IK08 protection 5mm tempered glass. Tool-free opening of electrical box

Multiple system connection options available

(1-10V/DALI/SR), NEMA socket and SR socket, Interact system ready

*The light efficiency may be slightly higher or lower, depending on different drive configuration selection and control current

*All refer to standard configuration

Main Applications

- Suitable for parking lots, industrial parks, outdoor sports venues, billboards, crossroads, flyovers, airports, apron, port machinery, port container areas, high poles, building construction.



Technical Parameters

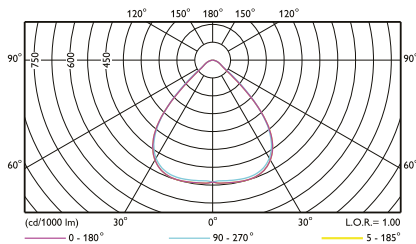
Product Series	BVP491	BVP492	BVP493
Luminous Flux (lm)	Typical value up to 14Klm	Typical value up to 28Klm	Typical value up to 50Klm
CCT/color Temperature (Based on Luminous Flux)		4000K	
CRI (Based on Luminous Flux)		min. 70	
System Efficiency		Up to 136 lm/W	
System Wattage	max. 100W	max. 200W	max. 380W
CCT Color Temperature Option		3000K/5700K	
SDCM	<5	<5	<5
CRI Color Rendering Index Option	80	80	80/90
Light Type	SMB, SWB, AMB	SMB, SWB, AMB	NB, SAWB, AMB, SMB, SWB, S6
Optical Lens		PC (Makrolon LED5302)	
Input Voltage		220-240V , 50/60hz	
Power Factor (Full Load)		0.95	
Power Factor (Half Load)		0.9	
Dimming/Control Interface	1-10V; DALI; Coded Mains; SR	1-10V; DALI; Coded Mains; SR	1-10V; DALI; Coded Mains; SR; DMX (BVP433 with EVP622)
Surge Protection Level		10KV	
Outgoing Line Length		0.5 m	
Maintainable Components		Drive, surge protector	
Tool-less Replacement		Drive cavity	
Luminaire Life		50k hours L70B50 @ 35C Ta outdoor	
Warranty		5 years	
Operating Temperature		-40°C ~ 50°C	
IP		IP66	
IK		IK08	
Salt Spray Test	500 hours	500 hours	1000 hours
Wind Pressure		IEC60598	
Size: W*L*H	419X265X85	414X347X100	559X523X111
Whole Lamp Surface	369*217*79	366*290*77	506*481*71
Installation		U-shaped bracket	

Technical Parameters

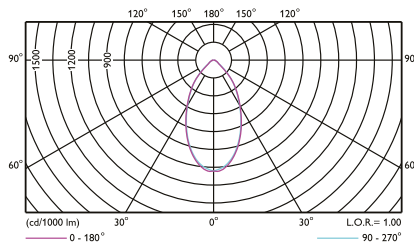
Product Series	BVP491	BVP492	BVP493
Mountable Angle	360 degrees		
Shell	Die cast aluminum RAL9007, 5mm tempered front glass		
Bracket	Steel Q235 RAL9007		
Weight (Excluding Accessories) Kg	4.4	6.2	12.2
Packaging	Industrial packaging 1pcs		
Certificate	CQC, CB, CE, SAA, SASO, RoHS		

Light Distribution Curve

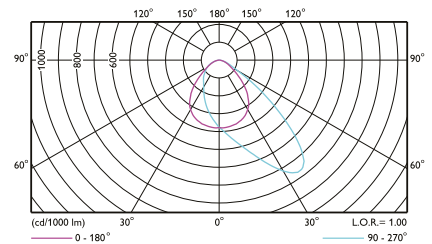
BVP491/BVP492
SWB optical type



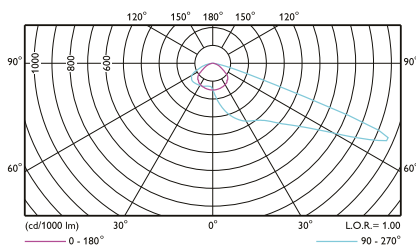
BVP491/BVP492
SMB optical type



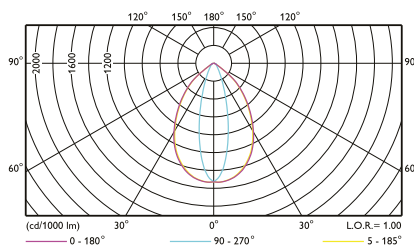
BVP491/BVP492
AMB optical type



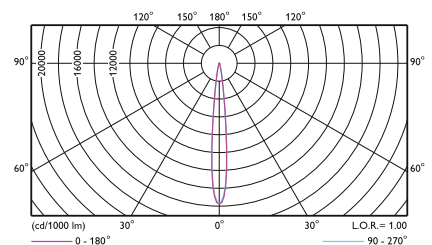
BVP493
SAWB optical type



BVP493
SWB optical type



BVP493
NB optical type



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model

BVP491 LED68/NW 50W SWB
 BVP491 LED93/NW 70W SWB
 BVP491 LED112/NW 85W SWB
 BVP491 LED136/NW 100W SWB
 BVP491 LED90/CW 70W AMB 1-10V
 BVP491 LED108/CW 85W AMB 1-10V
 BVP491 LED132/CW 100W AMB 1-10V
 BVP491 LED87/WW 70W SMB 1-10V P7
 BVP491 LED104/WW 85W SMB 1-10V P7
 BVP491 LED127/WW 100W SMB 1-10V P7
 BVP491 LED68/NW 50W SWB LP
 BVP491 LED93/NW 70W SWB LP
 BVP491 LED112/NW 85W SWB LP
 BVP491 LED136/NW 100W SWB LP
 BVP491 LED68/NW 50W SWB LP P7
 BVP491 LED93/NW 70W SWB LP P7
 BVP491 LED112/NW 85W SWB LP P7
 BVP491 LED136/NW 100W SWB LP P7
 BVP491 LED68/NW 50W SWB FP DALI/CM
 BVP491 LED93/NW 70W SWB FP DALI/CM
 BVP491 LED112/NW 85W SWB FP DALI/CM
 BVP491 LED136/NW 100W SWB FP DALI/CM
 BVP491 LED66/CW 50W AMB FP DALI/CM P7
 BVP491 LED90/CW 70W AMB FP DALI/CM P7
 BVP491 LED108/CW 85W AMB FP DALI/CM P7
 BVP491 LED132/CW 100W AMB FP DALI/CM P7
 BVP491 LED66/CW 50W AMB SR
 BVP491 LED90/CW 70W AMB SR
 BVP491 LED108/CW 85W AMB SR
 BVP491 LED132/CW 100W AMB SR
 BVP492 LED144/WW 120W AMB
 BVP492 LED166/WW 135W AMB
 BVP492 LED183/WW 150W AMB
 BVP492 LED200/WW 165W AMB
 BVP492 LED222/WW 180W AMB
 BVP492 LED244/WW 200W AMB
 BVP492 LED157/CW 120W SMB 1-10V
 BVP492 LED181/CW 135W SMB 1-10V
 BVP492 LED200/CW 150W SMB 1-10V
 BVP492 LED218/CW 165W SMB 1-10V
 BVP492 LED242/CW 180W SMB 1-10V
 BVP492 LED266/CW 200W SMB 1-10V
 BVP492 LED159/NW 120W SWB 1-10V P7
 BVP492 LED183/NW 135W SWB 1-10V P7
 BVP492 LED201/NW 150W SWB 1-10V P7
 BVP492 LED219/NW 165W SWB 1-10V P7
 BVP492 LED244/NW 180W SWB 1-10V P7
 BVP492 LED268/NW 200W SWB 1-10V P7
 BVP492 LED144/WW 120W AMB LP
 BVP492 LED166/WW 135W AMB LP
 BVP492 LED183/WW 150W AMB LP
 BVP492 LED200/WW 165W AMB LP
 BVP492 LED222/WW 180W AMB LP
 BVP492 LED244/WW 200W AMB LP
 BVP492 LED157/CW 120W SMB LP P7
 BVP492 LED181/CW 135W SMB LP P7
 BVP492 LED200/CW 150W SMB LP P7
 BVP492 LED218/CW 165W SMB LP P7

Product Model

BVP492 LED242/CW 180W SMB LP P7
 BVP492 LED266/CW 200W SMB LP P7
 BVP492 LED157/CW 120W SMB FP DALI/CM
 BVP492 LED181/CW 135W SMB FP DALI/CM
 BVP492 LED200/CW 150W SMB FP DALI/CM
 BVP492 LED157/CW 120W SMB FP DALI/CM P7
 BVP492 LED181/CW 135W SMB FP DALI/CM P7
 BVP492 LED200/CW 150W SMB FP DALI/CM P7
 BVP492 LED157/CW 120W SMB SR
 BVP492 LED181/CW 140W SMB SR
 BVP492 LED200/CW 150W SMB SR
 BVP493 LED261/WW 230W SAWB
 BVP493 LED341/NW 255W SWB
 BVP493 LED388/WW 305W NB
 BVP493 LED460/CW 345W SWB
 BVP493 LED485/WW 380W NB
 BVP493 LED261/WW 230W SAWB 1-10V
 BVP493 LED341/NW 255W SWB 1-10V
 BVP493 LED388/WW 305W NB 1-10V
 BVP493 LED460/CW 345W SWB 1-10V
 BVP493 LED485/WW 380W NB 1-10V
 BVP493 LED261/WW 230W SAWB 1-10V P7
 BVP493 LED341/NW 255W SWB 1-10V P7
 BVP493 LED388/WW 305W NB 1-10V P7
 BVP493 LED460/CW 345W SWB 1-10V P7
 BVP493 LED485/WW 380W NB 1-10V P7
 BVP493 LED261/WW 230W SAWB LP
 BVP493 LED341/NW 255W SWB LP
 BVP493 LED388/WW 310W NB LP
 BVP493 LED460/CW 350W SWB LP
 BVP493 LED485/WW 380W NB LP
 BVP493 LED261/WW 230W SAWB LP P7
 BVP493 LED341/NW 255W SWB LP P7
 BVP493 LED388/WW 310W NB LP P7
 BVP493 LED460/CW 350W SWB LP P7
 BVP493 LED485/WW 380W NB LP P7
 BVP493 LED261/WW 230W SAWB FP DALI/CM
 BVP493 LED341/NW 260W SWB FP DALI/CM
 BVP493 LED370/WW 300W NB FP DALI/CM
 BVP493 LED261/WW 230W SAWB FP DALI/CM P7
 BVP493 LED341/NW 260W SWB FP DALI/CM P7
 BVP493 LED370/WW 300W NB FP DALI/CM P7
 BVP493 LED261/WW 230W SAWB SR
 BVP493 LED341/NW 260W SWB SR
 BVP493 LED370/WW 295W NB SR



Sports

Tango G4 LED BVP431/432/433

PHILIPS



BVP433



BVP431



BVP432

Projection/Floodlighting

Philips Tango G4 LED floodlight is the new fourth generation of Tango LED product series. Tango G4 LED is designed with specialized technology to improve system efficacy, optimize the windward area and reduce the overall lamp weight. It provides an ideal new solution for lighting applications in a wide range of fields and recreational sports. It integrates the latest LED light source, integrated optical system, heat sink and driver into a compact and rugged shell that meets globally recognized safety standards. Its special designed heat sink combines aesthetics and function to ensure excellent reliability. This lamp adopts LED technology, with excellent performance and longer service life, which brings regional lighting to a whole new level.

Product features

Full Power Coverage and Excellent Light Efficiency Performance

- BVP431 - up to 13Klm @ 100W
- BVP432 - up to 27Klm @ 200W
- BVP433 - up to 50Klm @ 380W

Reliable Performance

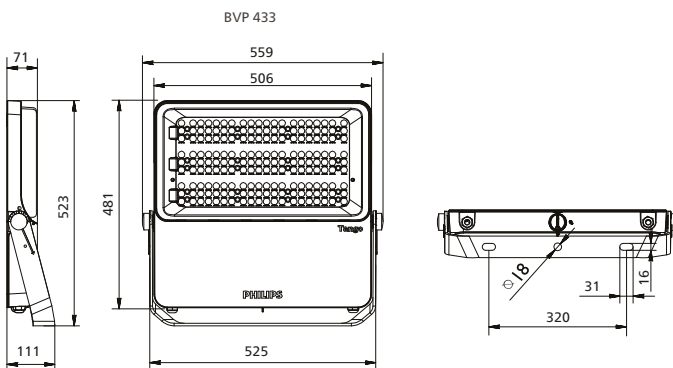
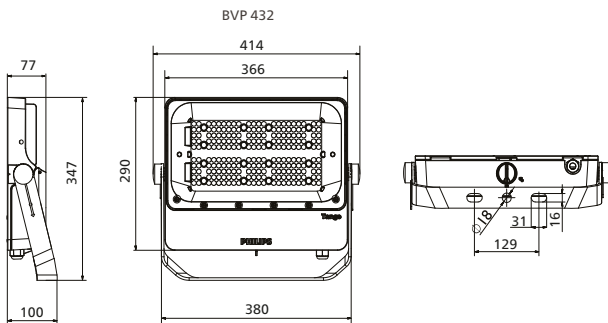
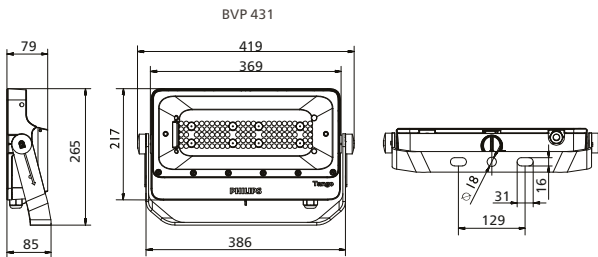
High quality ADC1 die-cast aluminum shell and bracket
 BVP431/BVP432: 500 hours of salt spray resistance
 BVP433: 1000 hours of salt spray resistance, especially suitable for harsh environments such as port and harbor operations
 Whole lamp IP66/IK08 protection

Long Life

50 Khrs life design
 The entire series is equipped with Philips Xitanium drive power supply and 10KV surge protection

Convenient and Safe Installation and Maintenance

Lighting fixtures are designed to be lightweight to enhance the safety of installation and maintenance
 Tool-free opening and closing of the electrical cavity cover and tool-free replacement of the surge protector for easy installation and maintenance



Main Applications

- BVP43x series LED products are suitable for parking lot lighting, industrial area/factory/construction site lighting, billboard lighting, urban squares, airport terminal buildings, airport aprons, port terminals, port machinery, and all kinds of stadium/outdoor venue lighting.



Technical Parameters

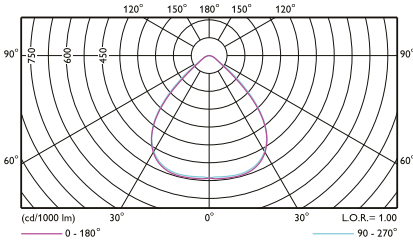
Product Series	BVP431	BVP432	BVP433
Shell	High-pressure cast aluminum (ADC1 aluminum, 500 hours/1000 hours salt spray resistance)		
Dimension LxWxH (mm)	369x217x79	366x290x77	506x481x71
Color Temperature*	3000K/4000K/5700K		
Color Rendering	min. 70		
Color Tolerance	5 SDCM		
Lens	SWB , SMB , AMB	SWB , SMB , AMB	SWB , SMB , AMB , SAWB , NB , S6
Power Output	max. 100W	max. 200W	max. 380W
Lumen Output	max. 14000 lm	max. 28000 lm	max. 50000 lm
Input Voltage	220V-240V 50/60hz		
Power Factor	≥0.95		
System Efficiency (Typical Value)**	140 lm/W @4000K	140 lm/W @4000K	140 lm/W @4000K
Service Life Operating Temperature	Ta=35°C; 50K hours; 70% lumen maintenance rate		
Protection Grade	IP66 (without glue); IK08		
Installation and Maintenance	Bracket mounting, tool-free opening and closing of the electrical chamber		
Surge Protection	10KV, tool-free replacement and maintenance		
Control (Non-standard Customization)	1-10V ; Dali ; Coded mains ; SR ; DMX (BVP433)		
Weight	~4.4Kg	~6.2Kg	~12.2Kg
Compliance with Certification	CQC , CB , RoHS , CE		

* The nominal color temperature is the initial value, and the definition refers to ANSI C78.377-2008

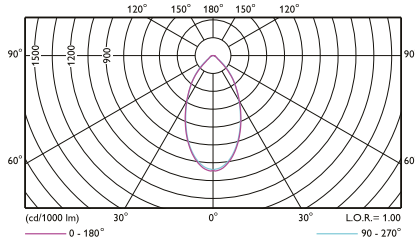
**Lower tolerance limit - 5%

Light Distribution Curve

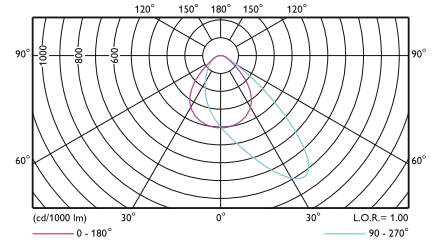
BVP431/BVP432
SWB optical type



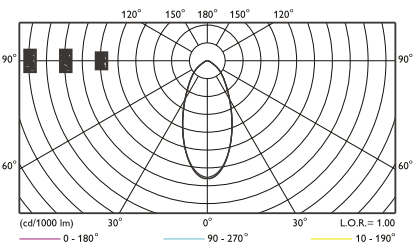
BVP431/BVP432
SMB optical type



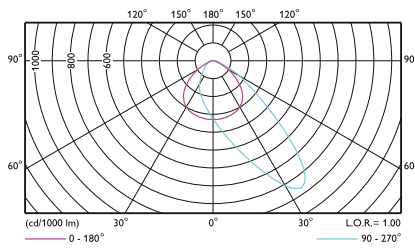
BVP431/BVP432
AMB optical type



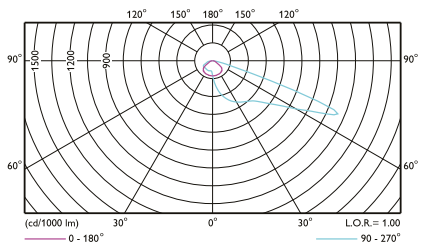
BVP433
SMB optical type



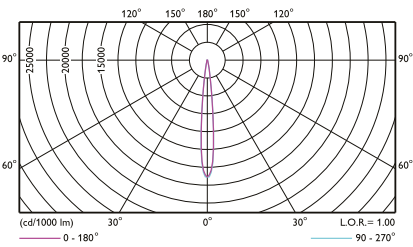
BVP433
AMB optical type



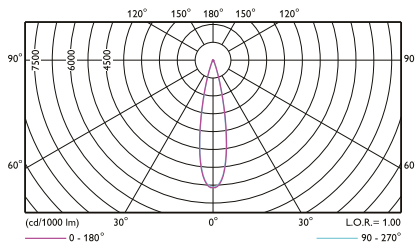
BVP433
SAWB optical type



BVP433
NB optical type



BVP433
S6 optical type



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model
BVP431 LED68/NW 220 ~240V 50W SMB GC
BVP431 LED68/NW 220 ~240V 50W SWB GC
BVP431 LED67/NW 220 ~240V 50W AMB GC
BVP431 LED92/NW 220 ~240V 70W SMB GC
BVP431 LED92/NW 220 ~240V 70W SWB GC
BVP431 LED91/NW 220 ~240V 70W AMB GC
BVP431 LED92/CW 220 ~240V 70W SMB GC
BVP431 LED92/CW 220 ~240V 70W SWB GC
BVP431 LED91/CW 220 ~240V 70W AMB GC
BVP431 LED136/NW 220 ~240V 100W SMB GC
BVP431 LED136/NW 220 ~240V 100W SWB GC
BVP431 LED134/NW 220 ~240V 100W AMB GC
BVP431 LED135/CW 220 ~240V 100W SMB GC
BVP431 LED135/CW 220 ~240V 100W SWB GC
BVP431 LED133/CW 220 ~240V 100W AMB GC
BVP431 LED134/NW 100W AMB CM GC
BVP432 LED161/CW 220 ~240V 120W SWB GC
BVP432 LED204/CW 220 ~240V 150W SWB GC
BVP432 LED202/CW 220 ~240V 150W AMB GC
BVP432 LED274/NW 220 ~240V 200W SMB GC
BVP432 LED274/NW 220 ~240V 200W SWB GC
BVP432 LED271/NW 220 ~240V 200W AMB GC
BVP432 LED272/CW 220 ~240V 200W SMB GC
BVP432 LED272/CW 220 ~240V 200W SWB GC
BVP432 LED269/CW 220 ~240V 200W AMB GC
BVP432 LED203/NW 150W AMB CM GC
BVP433 LED310/NW 220 ~240V 230W SWB GC
BVP433 LED307/NW 220 ~240V 230W AMB GC
BVP433 LED286/NW 220 ~240V 230W SAWB GC
BVP433 LED313/NW 220 ~240V 230W NB GC
BVP433 LED313/NW 220 ~240V 230W S6 GC
BVP433 LED310/CW 220 ~240V 230W SMB GC
BVP433 LED310/CW 220 ~240V 230W SWB GC
BVP433 LED307/CW 220 ~240V 230W AMB GC
BVP433 LED286/CW 220 ~240V 230W SAWB GC
BVP433 LED313/CW 220 ~240V 230W NB GC
BVP433 LED313/CW 220 ~240V 230W S6 GC
BVP433 LED344/NW 220 ~240V 255W SMB GC
BVP433 LED344/NW 220 ~240V 255W SWB GC
BVP433 LED341/NW 220 ~240V 255W AMB GC
BVP433 LED318/NW 220 ~240V 255W SAWB GC
BVP433 LED348/NW 220 ~240V 255W NB GC
BVP433 LED348/NW 220 ~240V 255W S6 GC
BVP433 LED344/CW 220 ~240V 255W SMB GC
BVP433 LED344/CW 220 ~240V 255W SWB GC
BVP433 LED341/CW 220 ~240V 255W AMB GC
BVP433 LED318/CW 220 ~240V 255W SAWB GC
BVP433 LED348/CW 220 ~240V 255W NB GC
BVP433 LED348/CW 220 ~240V 255W S6 GC
BVP433 LED413/NW 220 ~240V 305W SMB GC
BVP433 LED413/NW 220 ~240V 305W SWB GC
BVP433 LED409/NW 220 ~240V 305W AMB GC
BVP433 LED382/NW 220 ~240V 305W SAWB GC
BVP433 LED382/NW 220 ~240V 305W SAWB GC
BVP433 LED418/NW 220 ~240V 305W NB GC
BVP433 LED418/NW 220 ~240V 305W S6 GC
BVP433 LED413/CW 220 ~240V 305W SMB GC
BVP433 LED413/CW 220 ~240V 305W SWB GC

Product Model
BVP433 LED409/CW 220 ~240V 305W AMB GC
BVP433 LED382/CW 220 ~240V 305W SAWB GC
BVP433 LED418/CW 220 ~240V 305W NB GC
BVP433 LED418/CW 220 ~240V 305W S6 GC
BVP433 LED465/NW 220 ~240V 345W SMB GC
BVP433 LED465/NW 220 ~240V 345W SWB GC
BVP433 LED460/NW 220 ~240V 345W AMB GC
BVP433 LED430/NW 220 ~240V 345W SAWB GC
BVP433 LED470/NW 220 ~240V 345W NB GC
BVP433 LED470/NW 220 ~240V 345W S6 GC
BVP433 LED465/CW 220 ~240V 345W SMB GC
BVP433 LED465/CW 220 ~240V 345W SWB GC
BVP433 LED460/CW 220 ~240V 345W AMB GC
BVP433 LED430/CW 220 ~240V 345W SAWB GC
BVP433 LED470/CW 220 ~240V 345W NB GC
BVP433 LED470/CW 220 ~240V 345W S6 GC
BVP433 LED517/NW 220 ~240V 380W SMB GC
BVP433 LED517/NW 220 ~240V 380W SWB GC
BVP433 LED511/NW 220 ~240V 380W AMB GC
BVP433 LED477/NW 220 ~240V 380W SAWB GC
BVP433 LED522/NW 220 ~240V 380W NB GC
BVP433 LED522/NW 220 ~240V 380W S6 GC
BVP433 LED517/CW 220 ~240V 380W SMB GC
BVP433 LED517/CW 220 ~240V 380W SWB GC
BVP433 LED511/CW 220 ~240V 380W AMB GC
BVP433 LED477/CW 220 ~240V 380W SAWB GC
BVP433 LED522/CW 220 ~240V 380W NB GC
BVP433 LED522/CW 220 ~240V 380W S6 GC
BVP433 LED359/NW 300W SAWB CM GC

Outdoor





Outdoor

Choose your optics

for all major fields of application

Thanks to more precise control of light, optical systems consume less and less energy to provide exactly the light they need to cover an area.

To provide optimum solutions for every application, we have created a broad portfolio of standardized optics to meet the requirements of the most common outdoor applications.

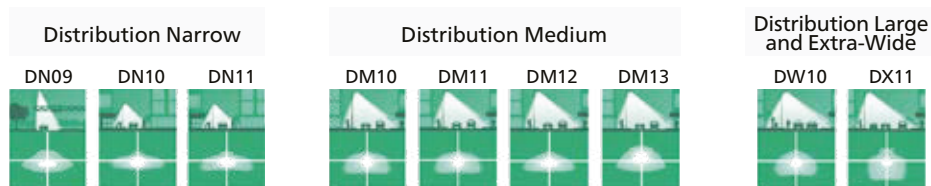
The right lighting meets users' needs by providing the right ambience, optimum safety, appearance and visual comfort. It must also comply fully with sustainability requirements, reducing light nuisance while saving energy.

Different areas of application with different users and activities require different solutions to meet these diverse requirements.

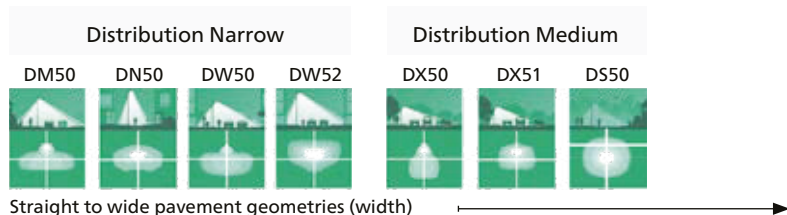


Outdoor

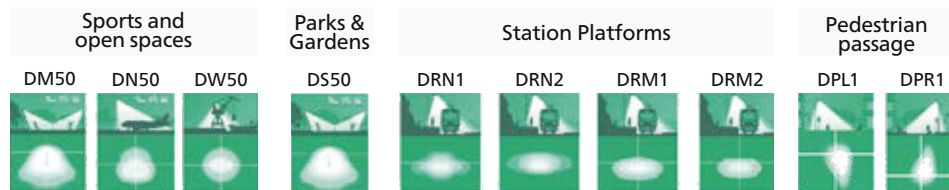
Luminance classes (M)



Illuminance classes (P and C)



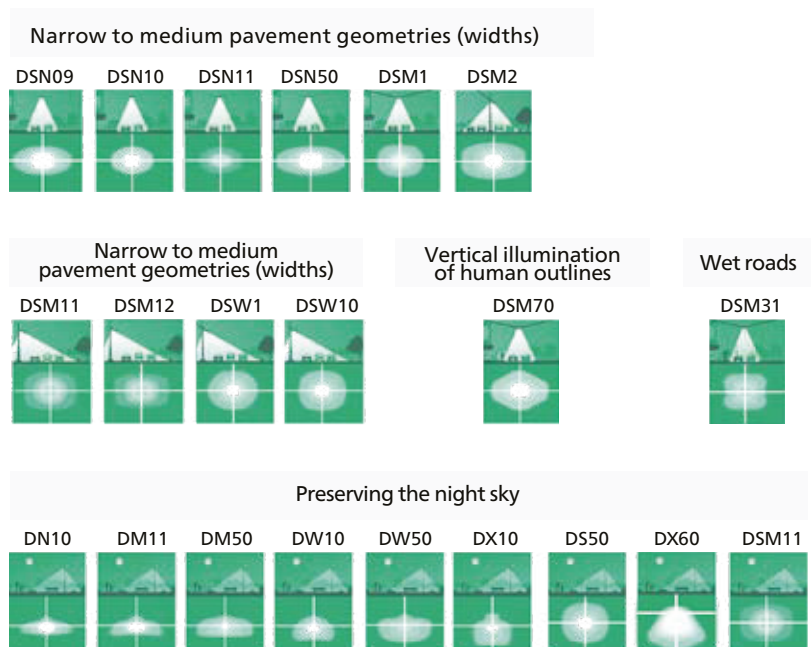
Optics for dedicated applications



Optics for specific applications



Catenary



This list is not exhaustive. Many other optics are available: please consult us

Multisensor

Light up when needed with motion detection, per luminaire or per group of luminaires, with the option of activating the light sensor function.

Specifications

Works for one luminaire or a group of luminaires

- On detection, the luminaire's brightness is raised to the defined high level.
- In a local network, this information is transmitted to all the sensors in the group. After a period of non-detection, the light gradually returns to the defined low level.
- Functionality is provided by an integrated radar module and photocell.
- Operating mode :
 - Radar mode only: motion detection, ambient light not taken into account.
 - Radar and light sensor: motion detection and On/Off depending on ambient light.

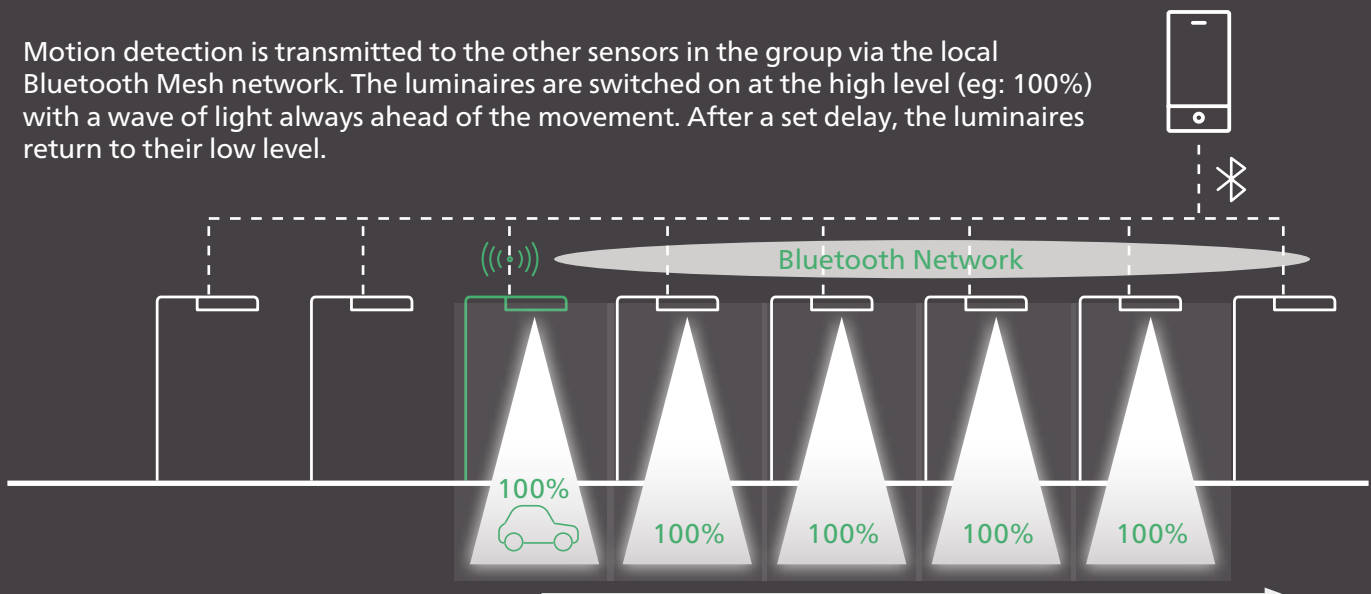


Operating principle

Motion detection is transmitted to the other sensors in the group via the local Bluetooth Mesh network. The luminaires are switched on at the high level (eg: 100%) with a wave of light always ahead of the movement. After a set delay, the luminaires return to their low level.



Outdoor



EasyAir sensor

Our Bluetooth controllers, in the Zaghera version on the luminaire or at the bottom of the mast, are very easy to install. They are ideal for defining and modifying lighting levels according to need and/or the rhythm of the sun.

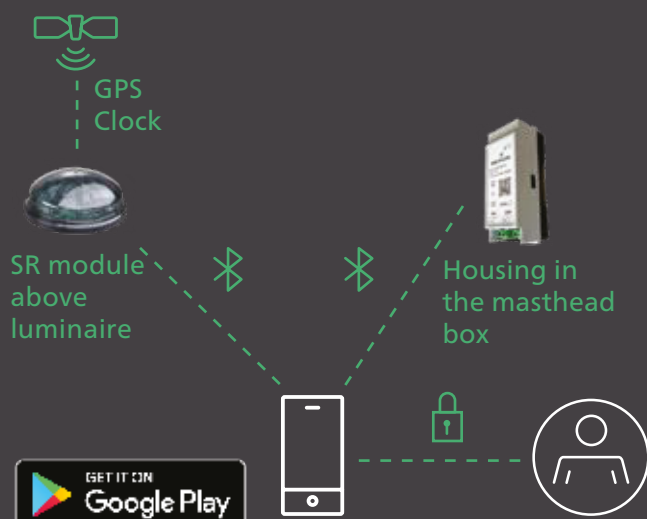
Specifications

Easy to install, they plug in quickly to the Zhaga connectors on equipped luminaires, or at the bottom of the mast in a Class II DIN rail enclosure.

- Easy to configure with the application.
On-site dimming adjustment
- Take account of sunrise and sunset times using the built-in GPS astronomical clock (Zaghera version) or by calculating the middle of the night based on previous nights' lighting times (masthead version).
- Light output can be adjusted by programming dimming profiles in up to 5 ranges (from 10 to 100%).
- Possibility of replacing photocells (Zaghera version) or astronomical clocks (Zaghera and mast version).
- All operating information is available for optimum light adjustment.



Operating principle



Set the right light level and dimming program via Bluetooth in total security

- The controller incorporates the latest Bluetooth technology for encrypted, fully secure communication.
- The application for smartphones (Android) can be accessed via authentication via a control key
- Easy reprogramming close to the luminaire or mast, without having to manipulate the installation.

Outdoor

LiteMagic

A new high-performance range for architectural lighting.

LiteMagic, a new range of high-performance LED luminaires for fixed or dynamic outdoor architectural lighting applications. A family that meets all your needs in facade lighting, accent lighting, large-scale lighting, grazing lighting and linear projection lighting.

LiteMagic

LiteMagic Spotlights



BurstPro



GiantEco

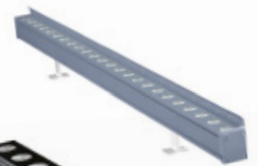


Giant

LiteMagic Linears



Blade



iGrazer

LiteMagic Controls LiteMagic Direct View



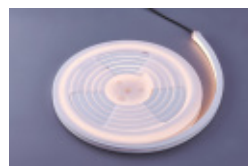
MagicTube



FlashPro

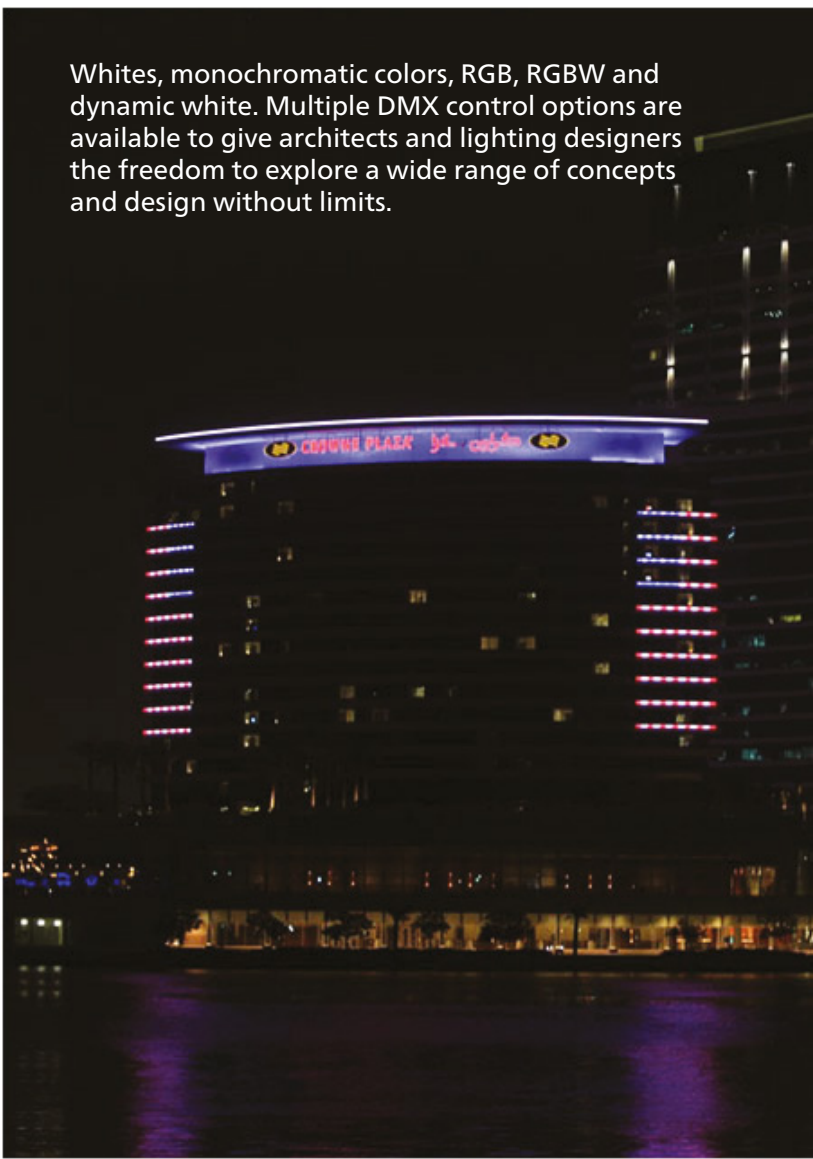


Point



FlexNeon

Whites, monochromatic colors, RGB, RGBW and dynamic white. Multiple DMX control options are available to give architects and lighting designers the freedom to explore a wide range of concepts and design without limits.



Outdoor



The products' robust mechanical design and unique optics make them ideal for illuminating the facades of high and low-rise buildings, bridges, places of tourist interest, monuments, squares, parks and gardens, footbridges or any other application requiring a projection lighting solution.

All luminaires feature IP66 protection.

High-quality LEDs and optics

Standard 4 SDCM for white LEDs and 5 nm wavelength range for color LEDs with anti-yellowing and anti-aging lenses.

Quick and easy DMX installation

IP67 male/female connectors for maximum safety and quick wiring.

Reliable and durable

Can operate at temperatures from - 40°C to 50°C
50,000 hours L70 at 35°C White version
50,000 hours L50 at 35°C Color version

Wide choice of color temperatures

2,700 K, 3,000 K, 4,000 K and 5,000 K and color (Mono Red, Green, Blue and Amber; RGB, RGBW and Dynamic White).

Drainage surface design

Luminaire surfaces and terminations are designed to drain water to minimize the common problem of dirt and water accumulation, particularly in up-lighting applications.

Easy, instant DMX addressing

Dedicated DMX addressing for instant address writing of a complete line off-site or on-site in minutes via our portable addressing tool.

Optimum visual comfort

Optional visors and barn doors are available for enhanced visual comfort.

LiteMagic Floodlights

Lite**Magic**



BurstPro

Circular floodlight with power ratings from 24 W to 150 W. Suitable for decorative, facade and accent lighting applications.

- 4 Sizes, up to 13,000 lm
- 6 optics 3.5°, 10°, 15°, 30°, 45°, 60°
- DMX512 / RDM control interface



GiantEco

Modular floodlight with power ratings from 24 W to 450 W. Suitable for facade, landscape and projection lighting applications. Extruded aluminum body makes it lightweight and economical.

- 1, 2 or 3 modules, up to 43,000 lm
- 6 optics 3°, 10°, 15°, 30°, 45°, 60°
- DMX512 / RDM control interface



Giant

Extremely high-power floodlight of robust cast aluminum construction with nominal power from 120 W to 600 W. Suitable for large-scale facade and landscape lighting, medium to long range.

- 1 or 2 modules, up to 52,000 lm
- 8 optics 3.5°, 7.5°, 10°, 15°, 30°, 45°, 60°, 15 x17°
- DMX512 / RDM control interface

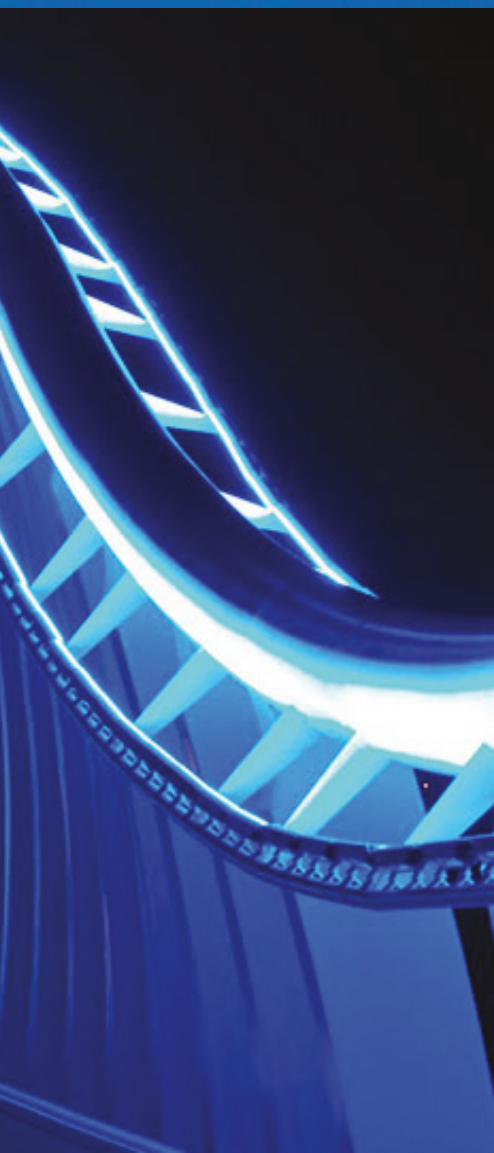


Outdoor





Outdoor



LiteMagic Linears

Lite**Magic**



iGrazer

High-performance linear luminaire with power ratings from 15 W to 120 W (AC-220V) and from 3 W to 36 W (DC-24V). Suitable for low-angle, facade and bridge lighting applications.

- 3 lengths available
- 7 optics (AC) 7.5°, 17°, 30°, 40°, 7,5 x 27°, 8 x 55°, 16 x 35°
- 8 optics (DC) 17°, 30°, 40°, 45°, 60°, 16 x 35°, 20 x 30°, 25 x 40°
- DMX512 control interface



Blade

Compact 24 V luminaire with rated output from 7 W to 10 W. Designed for window, door and general framing lighting.

- Single 3 x 90° optic
- Through-wiring (power/data)
- Self-cleaning flush glass surface
- DMX512 control interface

LiteMagic

Compare the features of our selection of outdoor luminaires, to choose the version best suited to your needs.



Portfolio Summary

MagicTube



- Linear direct view luminaire designed for outdoor architectural lighting and media façade application.
- 3 Size, up to 40 Pixels/meter (EMIT), Up to 1630 lm
- DMX Control

FlashPro



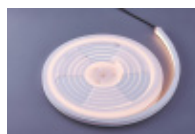
- Direct view string luminaire suitable for media façade and other direct view applications.
- Available with symmetric and asymmetric optics and various installation/mounting/wiring options.
- 3 Sizes, up to 2W/node
- Track, Non-track, SS Cable Mounting Options
- Dedicated addressing wires for fast and convenient DMX addressing

Point



- Direct view dot luminaire suitable for façade and decorative architectural lighting applications. Housing made of die-cast aluminum and covers are made of PC
- New covers design, flat, spherical and diamond.
- 3 Sizes, up to 850lm , 9W per node
- Universal installation position including up and down lighting applications
- Dedicated addressing wires for fast and convenient DMX addressing

Flex Neon



- Excellent LED strips with professional design and high flexibility to enable the façade and cove lighting with infinity possibilities.
- IP67, sealed with anti-UV polyurethane
- CRI90 for better vivid color rendering
- Cuttable with side view and top view bend option
- Ta+50 Compliant according to ISTMT

Standard Warranty	Service life	Source flux	System efficiency	CEE	CRI	Light pollution	Max. weight	Connectivity
3 years	50 000 h L70B50	Upto 1630 lm	Upto 55 lm/W	Eligible according to version	CRI 80	Compliance with the decree according to version	1.3 kg	DMX, Interact Landmark
3 years	50 000 h L70B50	Upto 123 lm/ node	Upto 62 lm/ node	Eligible according to version	CRI 80	Parks and gardens	0.055 Kg / Node	DMX, Interact Landmark
3 years	50 000 h L70B50	Upto 850lm	Upto 81 lm/w	Eligible according to version	CRI 80	Compliance with the decree according to version	0.4 kg	RDM (on request)
3 years	30 000 h L70B50	Upto 1150lm	Upto 82 lm/w	Eligible according to version	CRI 80	Compliance with the decree according to version	1.4 kg	PWM, DMX

Urban and Residential Illumination

Compare the features of our selection of outdoor luminaires, to choose the version best suited to your needs.

Outdoor



Portfolio Summary

Urban

UrbanFlex



- 3 models : Micro, Small and Lyre
- IP66 - IK09 (clear glass) - IK08 (diffused glass)
- Fits Ø60 or 76mm top of mast, Ø60 mm side of mast
- Accent foot for direct pole or wall mounting
- Optional barn door
- Marine salt protected optional

ClassicStreet



- 3 versions: mounted (Top Ø60 or Ø76), suspended (34 Pdg) or dedicated bracket
- IP66 - IK09 (clear glass) IK08 (diffused glass)
- Optional barn door
- Marine salt protected optional

Jargeau LED gen3



- 2 versions: supported (Ø60, Ø76, 27 Pdg or 34 Pdg) or suspended (27 Pdg or 34 Pdg)
- Four-sided polycarbonate or flat glass bowl
- IP66 - IK10 (PC) - IK09 (Glass)
- Optional barn door
- Marine salt protected optional

Residential

Metronomis LED



- 3 models with different diffuser volumes
- IP66 - IK10
- Fits Ø60 or 76mm mast top
- Various lighting effects and optional 3D printing
- Optional barn door
- Marine salt protected optional

UrbanStar



- Comfortable light for a pleasant atmp here
- IP66 - IK08
- Fits Ø76mm mast top or Ø60 mm end cap
- Marine salt protected optional

CityClassic



- 2 models, Standard or Long, with or without torch
- IP66 - IK10
- Fits Ø60 or 76mm mast top
- Optional ClearGuide and barn doors
- Marine salt protected optional

CityCharm



- 3 models with different diffuser volumes
- Decorative rings with color effects: orange, blue and green
- IP66 - IK11 (fluid) - IK10 (Cordoba and Cone)
- Fits Ø60 or 76mm mast top
- Optional ClearGuide and barn doors
- Marine salt protected optional

TownTune



- 3 models : Central Post-Top, Lateral/Top and Lyre
- 3 designs available : flat, cone or dome
- IP66 - IK10 (CPT) - IK09 (Lateral and Lyre)
- Fits mast top Ø60 or Ø76 mm, side Ø32 to Ø60 mm
- Optional decorative ring with transparent or gold finish / Optional barn door
- Seaside paint optional

TownGuide



- 6 distinct, modern designs
- Clear or opal diffuser.
- IP66 - IK10
- Fits mast top Ø48 to 90mm
- Optional barn door
- Seaside paint optional

StreetSaver



- Distinctive design
- No noise pollution (ULR 0.1 %)
- Easy installation (supplied with 6-meter cable)

Standard Warranty	Service life	Source flux	System efficiency	CEE	CRI	Light pollution	Max. weight	Connectivity
5 years	100 000h L98 to L96	Up to 12 880 lm (Small) up to 5 520 lm (Micro)	Up to 157 lm/W	Eligible according to version	2 200 K, 2 700 K, 3 000 K and 4 000 K (CRI 70) 2 700 K, 3 000 K and 4 000 K (CRI 80) ClearStar (1 800 K set 2 000 K) ClearField (1 000 K)	Compliance with the decree according to version	9,4 kg	Available in System Ready (SR) and Interact City (D4i) with communication node above and/or sensor below
5 years	100 000h L98 to L95	Up to 8 395 lm	Up to 123 lm/W	Eligible according to version	2 200 K, 2 700 K, 3 000 K (CRI 70) 2 700 K, 3 000 K and 4 000 K (CRI 80) ClearStar (1 800 K and 2 000 K)	Compliance with the decree according to version	12,3 kg	Available in System Ready (SR) and Interact City (D4i) with communication node above and/or sensor below
5 years	100 000h L98 to L94	Up to 9 120 lm	Up to 138 lm/W	Eligible according to version	2 200 K, 2 700 K, 3 000 K and 4 000 K (CRI 70) 2 700 K, 3 000 K and 4 000 K (CRI 80) ClearStar (1 800 K and 2 000 K)	Compliance with the decree according to version	9,4 kg	Available in System Ready (SR) and Interact City (D4i) with communication node above and/or sensor below
5 years	100 000h L98 to L96	Up to 10 680 lm	Up to 157 lm/W	Eligible according to version	2 200 K, 2 700 K, 3 000 K and 4 000 K (CRI 70) 2 700 K, 3 000 K and 4 000 K (CRI 80)	Compliance with the decree according to version	13,5 kg	Available in System Ready (SR) and Interact City (D4i) with communication node above
5 years	100 000h L98 to L95	Up to 4 700 lm	Up to 145 lm/W	Eligible according to version	2 200 K, 2 700 K, 3 000 K and 4 000 K (CRI 70) 2 700 K and 4 000 K (CRI 80)	Parks and gardens	9 kg	Available in System Ready (SR) and Interact City (D4i) with communication node above
5 years	100 000h L98 to L95	Up to 5 478 lm	Up to 142 lm/W	Eligible according to version	2 200 K, 2 700 K, 3 000 K and 4 000 K (CRI 70) 2 700 K, 3 000 K and 4 000 K (CRI 80) ClearStar (1 800 K and 2 000 K)	Compliance with the decree according to version	8,5 kg	Available in System Ready (SR) and Interact City (D4i) with communication node above
5 years	100 000h L98 to L96	Up to 8 300 lm	Up to 144 lm/W	Eligible according to version	2 200 K, 2 700 K, 3 000 K and 4 000 K (CRI 70) 2 700 K, 3 000 K and 4 000 K (CRI 80)	Compliance with the decree according to version	13,3 kg	Available in System Ready (SR) and Interact City (D4i) with communication node above
5 years	100 000h L98 to L96	Up to 10 790 lm (Side/Top) 7 400 lm (CPT)	Up to 148 lm/W (Side/Top) Up to 131 lm/W (CPT)	Eligible according to version	2 200 K, 2 700 K, 3 000 K and 4 000 K (CRI 70) 2 700 K, 3 000 K and 4 000 K (CRI 80) ClearStar (1 800 K and 2 000 K)	Compliance with the decree according to version	10,6 kg	Available in System Ready (SR) and Interact City (D4i) with communication node above and/or sensor below
5 years	100 000h L98 max	Up to 12 000 lm	Up to 130 lm/W	Eligible according to version	3 000 K and 4 000 K (CRI 70) 2 700 K and 3 000 K (CRI 80)	Compliance with the decree according to version	8,4 kg	Available in System Ready (SR) and Interact City (D4i) with communication node above
3 years	50 000h L80	Up to 2 500 lm	Up to 93 lm/W	Eligible according to version	3 000 K and 4 000 K	Compliance with the decree according to version	4,5 Kg	No

Outdoor

UrbanFlex

PHILIPS

interact
ready.

This aesthetically coherent and flexible lighting solution adapts perfectly to all types of architectural contexts and meets all lighting needs. What's more, UrbanFlex is ready to be connected to the Internet of Things (IoT), so you can control your lighting remotely, centrally within a smart city ecosystem.

UrbanFlex was created for cities looking to achieve strong visual coherence, without compromising on light quality with elegant, energy-efficient, sustainable and recyclable products.

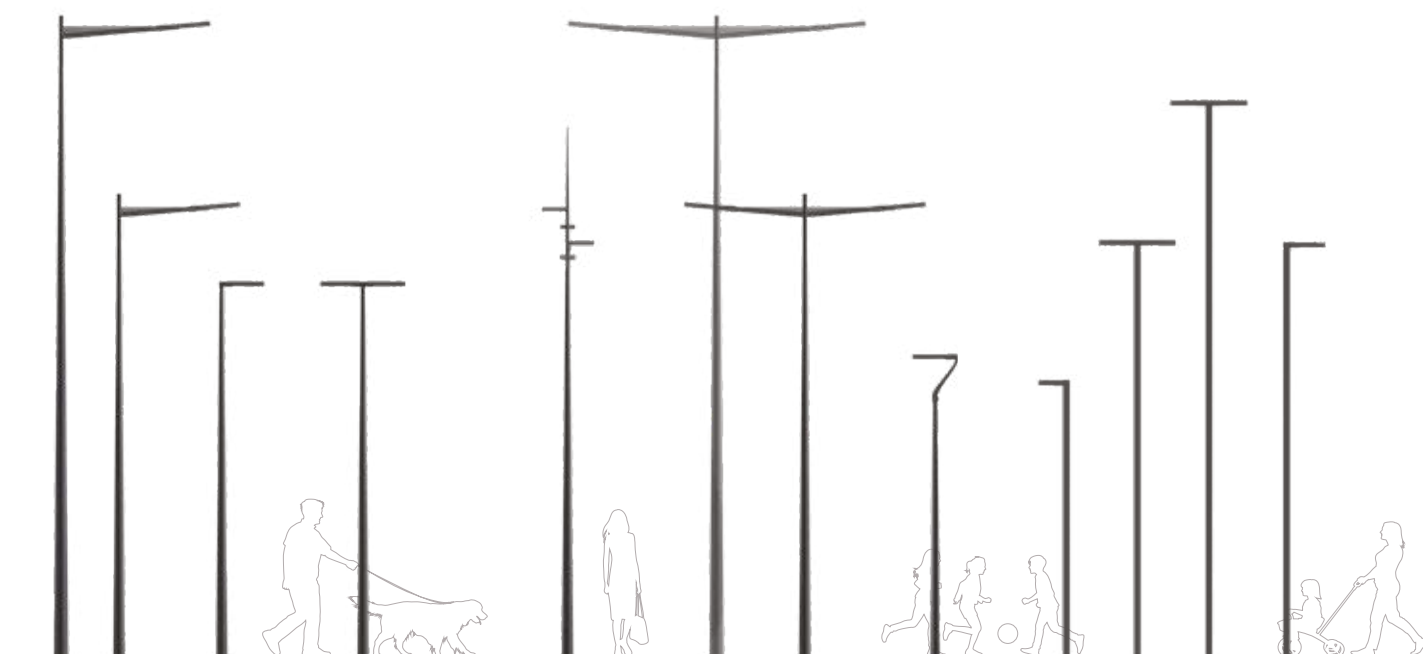
Available in two sizes, UrbanFlex luminaires offer a wide choice of mounting options, from direct mounting on rectangular masts dedicated to spiral configurations, to mounting on standard masts and brackets.



Outdoor



UrbanFlex offers dedicated sets on rectangular masts for different areas of application in the city, as well as a lyre for residential applications. The Accent wall-mounted luminaire lets you create elegant, airy spiral configurations, and can also be mounted directly on the wall for discreet integration.



Outdoor

ClassicStreet

Classic elegance
meets sustainable
technology.

Timeless elegance is at the heart of the ClassicStreet range. Its design is reminiscent of the unique aesthetics of twentieth-century street lamps, while meeting today's street lighting standards.

City planners will appreciate the benefits of LED technology: energy savings, long life, low maintenance and connectivity options. Users will appreciate the delicacy of the range's design, both modern and classic, which will suit districts steeped in history as well as more contemporary urban spaces. The ClassicStreet range can be easily connected to Interact City for remote management, greater energy savings and improved safety in your neighborhoods.

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interact
ready.



Outdoor



ClassicStreet offers a wide choice of masts and crosses, so you can find the ideal solution for all your environments, whether classic or modern.

The soft aesthetics of its curves, combined with its specific crosses and masts, create a contemporary style that will brighten up your city, creating a warm and distinctive atmosphere day and night.



Jargeau LED gen3

Classic design combined with modern technology to create ensembles that respect historic sites.

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interact
ready.



Jargeau LED gen3 combines the symbolic characteristics of the first street lamps of the 19th century with the technical performance of 21st-century luminaires.

While it houses an energy-efficient LEDGine Optimized platform and high-performance optics, Jargeau LED gen3 nonetheless retains the formal character of our old four-sided luminaires.

Jargeau LED gen3 consists of a die-cast aluminum body and a four-sided polycarbonate or flat glass bowl. It is available as a pole-mounted luminaire or suspended from a bracket. Numerous combinations are possible with different masts and brackets (mounted or suspended).

Jargeau LED gen3 offers a wide range of optics for all urban and residential applications.

Jargeau LED gen3 can be easily connected to Interact City for remote management, enabling you to make greater energy savings and improve safety in your neighborhoods.



Outdoor



Designed to be installed at heights of 3.5 to 6 meters, this luminaire is ideally suited to urban landscapes, lighting up city centers, historic districts, old villages, streets, alleys, squares and parks.



Outdoor

Jargeau LED gen3 BDP651/BSP651



100 000 h
L94 to L98



10 %



8 driver
systems



5 color
temperatures



80



BDP651



6-8 kV



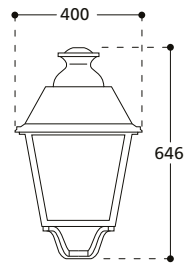
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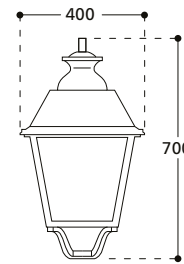


Classic design combined with modern lighting technology to create ensembles that respect historic sites

- High-pressure die-cast aluminum body
- Recommended installation heights : 3.5 to 6 m
- Available free-standing or suspended, in a variety of combinations with different masts and brackets
- Up to 9,000 lm at 3,000 K
- High luminous efficiency (up to 138 lm/w)
- Optical complementarity for all urban applications
- Compatible with Interact City and Multisensor detector



Jargeau LED gen3
version top Seawater
protection mast



Jargeau LED gen3
version suspended

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
Top 60 - 3000K - CRI80 - Optic DM50 cover black (BK) or white (WH) - Class 2 - Flat glass (FG) or frosted (GF) - Brass decorative balls - RAL Black							
BDP651 LED50/830 II DM50 MK-BK FG BALL 6	3 450	38	91	3 000	80	Distribution semi-intensive 50	V & P
BDP651 LED50/830 II DM50 MK-BK GF BALL 6	3 100	38	82	3 000	80	Distribution semi-intensive 50	V & P
BDP651 LED50/830 II DM50 MK-WH FG BALL 6	3 700	38	97	3 000	80	Distribution semi-intensive 50	V & P
BDP651 LED50/830 II DM50 MK-WH GF BALL 6	3 250	38	86	3 000	80	Distribution semi-intensive 50	V & P
Top 60 - 3000 K - CRI80 - Class 2 - Optic DM50 - 4 faces (PCC) - Brass decorative balls - RAL Black							
BDP651 LED50/830 II DM50 MK-BK PCC BALL	3 250	38	86	3 000	80	Distribution semi-intensive 50	P
Top 60 (BDP) or Suspended 27 Pdg (BSP) - 3000 K - CRI80 - Interact Ready (LW) - Class II - Optic DM50 - 4 faces (PCC) - Brass decorative balls - RAL Black							
BDP651 LW LED50/830 II DM50 MK-BK PCC BA	3 250	38	86	3 000	80	Distribution semi-intensive 50	P
BSP651 LW LED50/830 II DM50 MK-BK PCC BA	3 250	38	86	3 000	80	Distribution semi-intensive 50	P
Suspended 27 Pdg -3000K -CRI80 - Optic DM50 cache black BK) or white (WH) - Class 2-Flat glass FG) or frosted(GF)-Brass decorative balls-RAL Black							
BSP651 LED50/830 II DM50 MK-BK FG BALL 3	3 450	38	91	3 000	80	Distribution semi-intensive 50	V & P
BSP651 LED50/830 II DM50 MK-BK GF BALL 3	3 100	38	82	3 000	80	Distribution semi-intensive 50	V & P
BSP651 LED50/830 II DM50 MK-WH FG BALL 3	3 700	38	97	3 000	80	Distribution semi-intensive 50	V & P
BSP651 LED50/830 II DM50 MK-WH GF BALL 3	3 250	38	86	3 000	80	Distribution semi-intensive 50	V & P

Configurable product: consult us for other versions

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.



Outdoor

Metronomis LED

Create customized mood lighting that enhances and reflects the identity of the place to be lit.

PHILIPS

interact
ready.



With its sleek, timeless design, Metronomis LED blends perfectly into contemporary environments and enhances urban landscapes.

A global solution, the Metronomis LED range goes far beyond simple functional lighting. With brackets available in a wide variety of materials with unique properties (steel, aluminum and wood), it also offers the possibility of customizing installations through a wide choice of lighting effects and mood lighting.

The Metronomis LED range can be easily connected to Interact City for remote management, enabling you to make greater energy savings and improve safety in your neighborhoods.



Its transparency and discretion also allow it to respect the authentic character of historic buildings, demonstrating that the values of the past and cutting-edge technologies can coexist harmoniously.

Outdoor



Metronomis LED also features light and shadow effects: texture effects in the diffuser and exclusive light patterns projected on the floor. 3D-printing in the diffuser offers an infinite range of customization possibilities. Available with a range of original masts, the 3 distinctive Metronomis LED shapes offer a delicate yet discreet presence in urban spaces. At night, the luminaire provides a warm, comfortable light.



Metronomis LED Straight Cone

Metronomis LED Fluid Cone

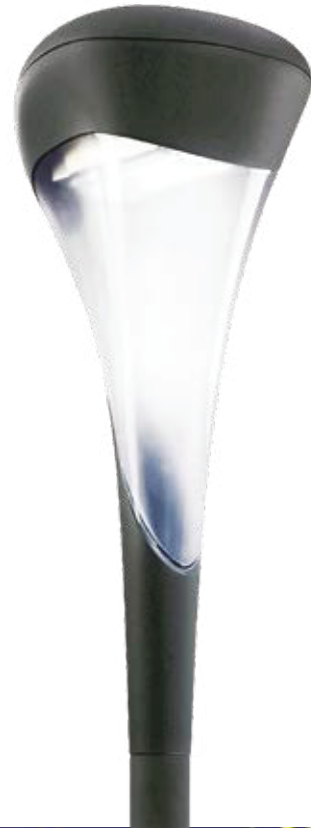
Metronomis LED Torch

UrbanStar

Distinctive, remarkable styling for comfortable ambient lighting.

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In residential areas, ball-type luminaires equipped with mercury vapor lamps can be replaced by an LED luminaire without disturbing the visual balance or lighting ambience.

UrbanStar offers up to 80% energy savings compared with a luminaire fitted with a conventional lamp.

Comprising a cast aluminum body and a UV-resistant polycarbonate opal diffuser, it is also equipped with the LEDGine Optimized upgradeable platform, which combines performance, comfort, energy savings and upgradability, delivering comfortable light for a pleasant atmosphere.

UrbanStar can be easily connected to Interact City for remote management, enabling greater energy savings and improved safety in your neighborhoods.

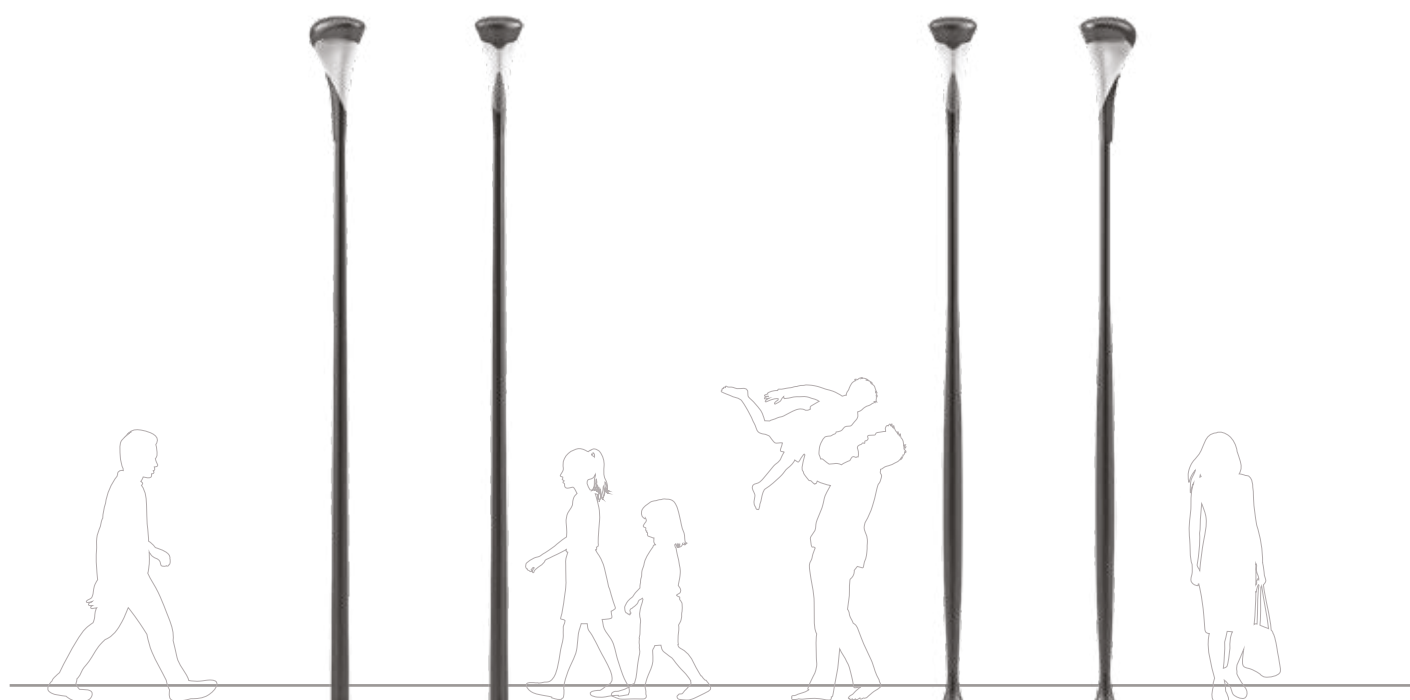


Designed for residential areas in collaboration with the city of Almere (Netherlands), UrbanStar's innovative design incorporates a frosted conical bowl that diffuses a very comfortable light. Its dedicated mast enables it to compose coherent, homogeneous ensembles.

Outdoor



Recommended for installation heights from 3.5 to 5 m, UrbanStar comes with dedicated luminaire/mast combinations combining innovative design and comfortable lighting.



Outdoor

CityClassic

An obvious, timeless design for easy integration in all urban and suburban environments.

Designed for pedestrian areas, residential neighborhoods and secondary urban roads, CityClassic is ideally installed at a lighting height of 4 meters.

A balanced, classic design, combined with the latest highly-efficient and future ready connectivity technology. Available in a range of versions (T-shape and Torch version) with different mounting systems and optics, CityClassic adapts perfectly to the technical and aesthetic constraints of your environment.

Designed in particular to accommodate the latest generations of remote management, this luminaire meets the challenges of sustainable development.

CityClassic can be easily connected to Interact City for remote management, enabling you to achieve even greater energy savings and improve safety in your neighborhoods.

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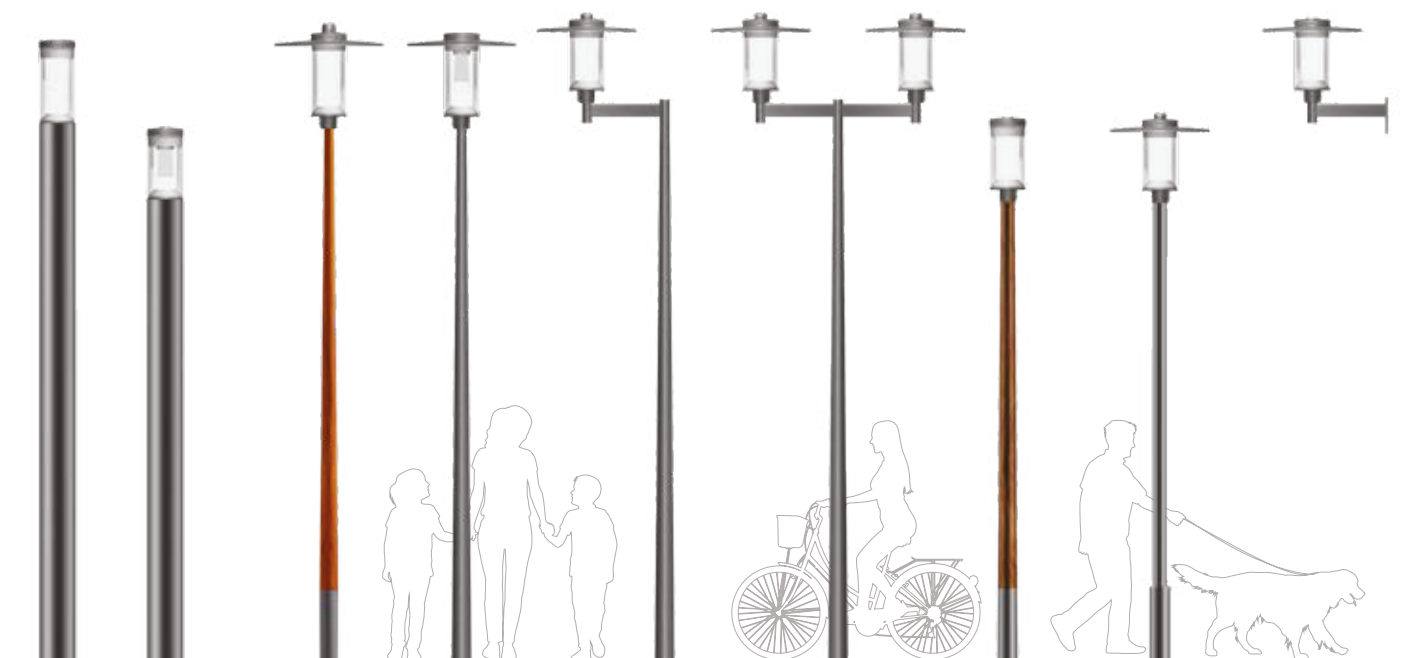


The latest-generation optics can be fitted with louvers to limit uplight reflections.

Outdoor



Recommended for installation heights of 3.5 to 4.5 m, CityClassic is available with a combination of standard masts and brackets, or on a dedicated large-section mast, giving it a monolithic lighting column design.



Outdoor

CityClassic H BDP512

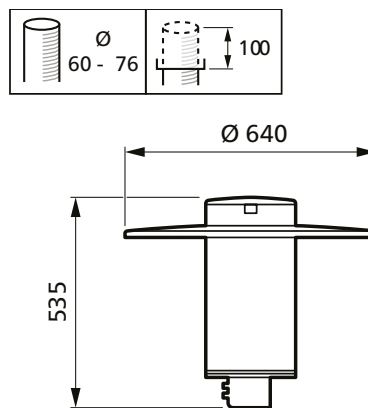
												
5 ans	100 000 h L93 to L98/ B10 to 25°C	10 %	5 driver systems	6 color temperatures	70 or 80 according to version	BDP510i	10 kV			IK10	IP66	V & P

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Classic, modern design with optimized visual comfort

- Simplicity of construction meets timelessness of design
- Comfortable, high-performance lighting
- Available in two cap diameters
- Numerous control systems: cabinet dimming (AmpDim), DALI PSD, CLO, LumiStep, Coded Mains, DynaDimmer and Interact City
- Standard color temperatures: 2,200 K, 2,700 K, 3,000 K and 4,000 K (CRI 70), 2,700 K, 3,000 K and 4,000 K (CRI 80)
- Optional : ClearStar (1,800 K and 2,000 K) to reduce light pollution and the impact of light on biodiversity
- Product compliant with light pollution regulations, depending on version (PCN) and application



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
3000 K - CRI70 - Class II - Symmetrical Distribution - PCN - Top60 - Dark Gray							
BDP512 LED55/730 DS51 II SRT PCN SRG10 D	4 648	36	129	3 000	70	DS51-PCN	V & P
2700 K - IRC70 - Class II - Distribution medium- Top60 - Dark Gray							
BDP512 LED24/727 DM32 II DGR 60P	2 016	17,4	116	2 700	70	DM32	P

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.

CityClassic BDP510



100 000 h
L93 to L98/
B10 to 25°C



10 %



5 driver
systems



6 color
temperatures



70 or 80
according
to version



BDP510i



10 kV



IK10



IP66



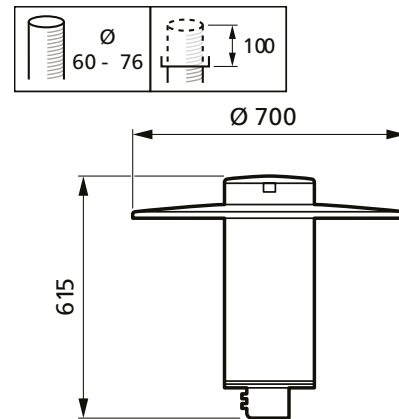
V & P

PHILIPS
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Classic, modern design with optimized visual comfort

- Simplicity of construction meets timelessness of design
- Comfortable, high-performance lighting
- Available in two cap diameters
- Numerous control systems: cabinet dimming (AmpDim), DALI PSD, CLO, LumiStep, Coded Mains, DynaDimmer and Interact City
- Standard color temperatures:
2 200 K, 2 700 K, 3,000 K and 4 000 K (CRI 70)
2 700 K, 3,000 K and 4 000 K (CRI 80)
- Optional: ClearStar (1,800 K and 2,000 K) to reduce light pollution and the impact of light on biodiversity
- Product complies with light pollution regulations, depending on version and application, refer to below table



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
3000 K - CRI70 - Class II - Optic Wide (DW) - PCN - Top60 - RAL6005							
BDP510 LED60-4S/730 II DW10PCN SRT C5 62	4 380	39.5	111	3 000	70	DW10-PCN	V & P
BDP510 LED60-4S/730 II DW50PCN SRT C5 62	4 440	39.5	112	3 000	70	DW50-PCN	V & P
3000 K - CRI70 - Class I - Dynadimmer - Top76 - Gray 900 sandblasted							
BDP510 LED60-4S/730 DX10 DDF4A D24 C5 76	4 680	39.5	118	3 000	70	DX10	P
BDP510 LED60-4S/730 DM70 DDF4A D24 C5 76	4 740	39.5	120	3 000	70	DM70	P
BDP510 LED60-4S/730 DM50 DDF4A D24 C5 76	4 800	39.5	122	3 000	70	DM50	P
BDP510 LED60-4S/730 DS50 DDF4A D24 C5 76	4 860	39.5	123	3 000	70	DS50	P

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.

CityCharm

Day or night, CityCharm is the perfect solution for enhancing the ambience of your outdoor spaces.

In residential areas, ball-type luminaires equipped with mercury vapor lamps can be replaced by an LED luminaire without disturbing the visual balance or lighting ambience.

CityCharm offers up to 80% energy savings compared with a luminaire fitted with a conventional lamp.

Comprising a cast aluminum body and a UV-resistant polycarbonate opal diffuser, it is also equipped with the LEDGine Optimized upgradeable platform, which combines performance, comfort, energy savings and upgradability, delivering comfortable light for a pleasant atmosphere.

CityCharm can be easily connected to Interact City for remote management, enabling greater energy savings and improved safety in your neighborhoods.

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The Fluid version of CityCharm offers an evolution of the original shape for greater control of the light emitted.

Outdoor



CityCharm luminaires can be combined with dedicated masts and standard crossbeams to create homogeneous, coherent ensembles.



Outdoor

CityCharm Fluid BDS492



100 000 h
L98 to L96

10 %

7 driver
systems

4 color
temperatures

Up to 80

BDS490i

6 kV,
10 kV opt.

50 joules

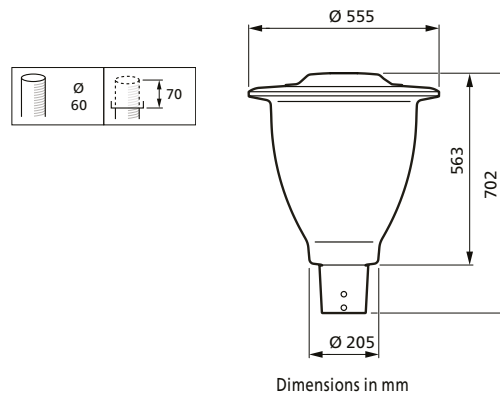
According
to version

PHILIPS
interact
ready.



The Fluid version of CityCharm offers an evolution of the original conical shape for greater control of the light emitted.

- Excellent lighting comfort
- Numerous control systems: dimming from the cabinet
- Very high impact resistance IK11 (50 joules)
- Numerous control systems: cabinet dimming (AmpDim), DALI PSD, CLO, LumiStep, DynaDimmer, EasyAir by Remoticom and Interact City
- Available color temperatures: 2,200 K, 2,700 K, 3,000 K and 4,000 K (CRI 70) and 3,000 K (CRI 80). Optional : 2,700 K and 4 000 K (CRI 80)
- Product complies with light pollution regulations, depending on version and application (PCN option for roadways), refer to below table



Outdoor

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
Post Top Fixing - 3000K - Class II - Dark Gray							
BDS492 HSR LED50/730 II S1F-PCN GR 60 C6	4 150	33,5	125	3 000	70	S	V & P
BDS492 LED70/730 II DM-PCN GRB GR 60 C6	5 530	43,5	134	3 000	70	DM	V & P
BDS492 LED30/730 II A-PCN GRB GR 60	2 400	19,8	124	3 000	70	A	V & P

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.

CityCharm Conical BDS491



100 000 h
L98 to L96



10%



7 driver
systems



4 color
temperatures



70 to 80
according
to version



BDS490i



6 kV,
10 kV opt.



Options:



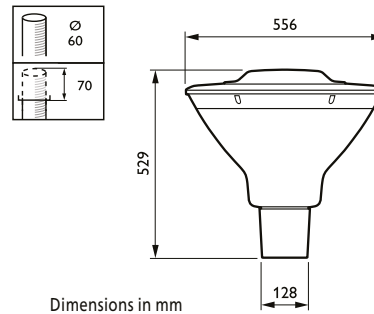
P

PHILIPS
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ready.



Ambient lighting combined with performance

- High product quality and elegant design
- Excellent lighting comfort
- Modular range
- Numerous control systems: cabinet dimming (AmpDim), DALI PSD, CLO, LumiStep, DynaDimmer, EasyAir by Remoticom and Interact City
- Available color temperatures: 2,200 K, 2,700 K, 3,000 K and 4,000 K (CRI 70) and 3,000 K (CRI 80). Optional : 2,700 K and 4 000 K (CRI 80)
- Product complies with light pollution regulations, depending on version and application (PCN option for roadways), refer to below table



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
3000 K - CRI70 - Medium optics (DM) - Class II - Dark gray base (GRB) - Philips dark grey shade (GR) - Diam 60 mm (60)							
BDS491 LED30-/730 II DM GRB GR 60	2 220	20,5	108	3 000	70	Distribution medium (DM)	P
3000 K - CRI80 - Medium optics (DM) - Class I or II - Dark gray base (GRB) - Philips dark grey shade (GR) - Diam 60 mm (60)							
BDS491 LED30-/830 II DM GRB GR 60	2 400	23,5	102	3 000	80	Distribution medium	P
BDS491 LED70-/830 I S GRB GR 60	5 670	54	105	3 000	80	Symmetrical optic	P
BDS491 LED70-/830 II DM GRB GR H07RN-PX1	5 110	53	96	3 000	80	Distribution medium (DM)	P
4000 K - CRI70 - Optic Medium (DM) or Symmetrical (S) with Diffuser (DF) - Class II - Base dark gray (GRB) - Shade Philips dark grey (GR) - Cable 4 m (C4K) - Diam 60 mm (60)							
BDS491 LED40-/740 II DM GRB GR C4K 60	2 960	25	118	4 000	70	Distribution medium (DM)	P
BDS491 LED40-/740 II S GRB DF GR C4K 60	3 240	25	130	4 000	70	Distribution symmetric (S)	P
BDS491 LED50-/740 II DM GRB GR 60	3 650	32	114	4 000	70	Distribution medium (DM)	P
BDS491 LED70-/740 II DM GRB GR 60	5 110	42,5	120	4 000	70	Distribution medium (DM)	P
BDS491 LED70-/740 II DM GRB GR C4K 60	5 110	42,5	120	4 000	07	Distribution medium (DM)	P

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.

CityCharm Cordoba BDS490



100 000 h
L98 to L96



10 %



7 driver systems



4 color temperatures



Up to 80



BDS490i



6 kV,
10 kV opt.



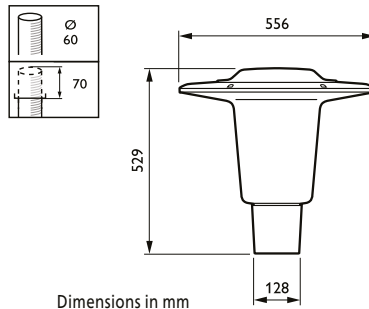
According to version

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Ambient lighting combined with performance

- High product quality and elegant design
- Excellent lighting comfort
- Modular range
- Numerous control systems: cabinet dimming (AmpDim), DALI PSD, CLO, LumiStep, DynaDimmer, EasyAir and Interact City
- Available color temperatures:
2,200 K, 2,700 K, 3,000 K and 4,000 K (CRI 70) and 3,000 K CRI 80 Optional : 2,700 K and 4 000 K (CRI 80)
- Product complies with light pollution regulations, depending on version and application, refer to below table



Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
3000 K - CRI70 - Medium (DM) or Symmetrical (S1F) with Diffuser (DF) - Class II - Base dark gray (GRB) -Shade Philips dark grey (GR) - Cable 4 m (C4K) - Diam 60 mm (60)							
BDS490 LED30/730 II DM-PCN GRB GR C4K 60	1980	20,5	97	3000	70	Distribution medium (DM-PCN)	V & P
BDS490 LED40/730 II DM-PCN GRB GR C4K 60	2640	27	98	3000	70	Distribution medium (DM-PCN)	V & P
BDS490 LED40/730 II S1F-PCN GRB DF GR C4	3200	27	119	3000	70	Distribution medium (S1F-PCN)	V & P
BDS490 LED50/730 II DM-PCN GRB GR 60	3300	34,5	96	3000	70	Distribution medium (DM-PCN)	V & P
BDS490 LED70/730 II DM-PCN GRB GR 60	4620	45	103	3000	70	Distribution medium (DM-PCN)	V & P
BDS490 LED70/730 II DM-PCN GRB GR C4K 60	4620	45	103	3000	70	Distribution medium (DM-PCN)	V & P
3000 K - CRI80 - Medium (DM) or Symmetrical (S) with Diffuser (DF) - Class II - Base dark gray (GRB) -Shade Philips dark grey (GR) - Cable 4 m (C4K) - Diam 60 mm (60)							
BDS490 LED30-/830 II DM GRB GR C4K 60	2130	23,5	91	3000	80	Distribution medium (DM)	P
BDS490 LED40-/830 II S GRB DF GR C4K 60	2800	31,5	89	3000	80	Distribution symmetric (S)	P
BDS490 LED50-/830 II DM GRB GR 60	3550	40,5	88	3000	80	Distribution medium (DM)	P
BDS490 LED70-/830 II DM GRB GR 60	4900	53	92	3000	80	Distribution medium (DM)	P

Configurable product: consult us for other versions

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.

Outdoor

TownTune

Designed for evolving residential and urban spaces, the TownTune range of luminaires offers an efficient and comfortable lighting experience.

Combined with advanced connectivity options, TownTune anticipates the needs and expectations of cities, while offering modularity for a high degree of customization. Each of these features makes TownTune suitable for a wide range of applications in a variety of urban spaces.

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Outdoor



The TownTune luminaire has been specifically designed to blend into urban and residential environments. Thanks to its customization options, you can create a unique signature for your entire city or for specific neighborhoods.

Outdoor



TownTune Decorative Accessories

Compose your own personalized decorative ensembles with TownTune masts and accessories.

Decorative elements that modify the perceived volume of the luminaire or add a touch of color without affecting light distribution:

- Decorative cones and domes designed specifically to modify the overall appearance of the luminaire, to be attached to the upper part of the luminaire.
- Decorative bezel with transparent or gold finish for attachment to the lower part of the luminaire. Accessories can be combined: a gold bezel can be fitted in addition to a decorative Cone.



Outdoor

TownTune Accessories

Illustration of the composition possibles for TownTune post-top and lateral



Comprehensive selection of product codes available, contact Signify Middle East.

Designation

Decorative accessories: transparent (DR) or gold (DR GO) bezel, Cone (DTC) or Dome (DTD)

ZDP261 DR transparent bezel

ZDP261 DR GO gold bezel

ZDP262 DTC Cone

ZDP263 DTD Dome

Outdoor

TownTune post-top BDP260

100 000 h
L88 to L95

10 %

7 driver
systems4 color
temperatures

Up to 80



BDP260i

6 kV,
10 kV opt.According to
version

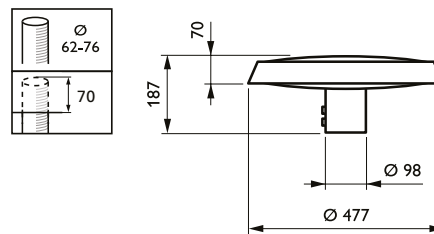
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Example with accessories

The residential and urban range that offers choice

- Wide choice of designs thanks to modularity and accessories - CEE eligible
- Numerous control systems: cabinet dimming (AmpDim), DALI PSD, CLO, LumiStep, DynaDimmer, EasyAir and Interact City
- Available color temperatures: 2 200 K, 2 700 K, 3,000 K and 4 000 K (CRI 70) and 3,000 K (CRI 80)
- Product complies with light pollution regulations, depending on version and application, refer to below table



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
3000 K - CRI70 - Class II - Optic Wide (DW), Medium (DM), Narrow (DN) or Symmetrical (DS) - Philips Grey 10714 - Diam 60/62 mm							
BDP260 LED30 4S/730 PSU II DN11 62P	2070	21	99	3000	70	Symmetrical Narrow (DN11)	V & P
BDP260 LED45 4S/730 PSU II DM10 62P	3195	30,5	105	3000	70	Symmetrical Medium (DM10)	V & P
BDP260 LED50 4S/730 PSU II DM10 62P	3550	34	104	3000	70	Symmetrical Medium (DM10)	V & P
BDP260 LED59 4S/730 PSU II DN11 62P	4080	41	100	3000	70	Symmetrical Narrow (DN11)	V & P
BDP260 LED59 4S/730 PSU II DS51 62P	Consult	Consult	Consult	3000	70	Symmetrical Distribution (DS51)	V & P
BDP260 LED74 4S/730 PSU II DM10 62P	5180	46,5	111	3000	70	Symmetrical Medium (DM10)	V & P
BDP260 LED74 4S/730 PSU II DW10 62P	5476	46,5	118	3000	70	Symmetrical Wide (DW10)	V & P
BDP260 LED74 4S/730 PSU II DS51 62P	Consult	Consult	Consult	3000	70	Symmetrical Distribution (DS51)	V & P
BDP260 LED79 4S/730 PSU II DS51 62P	Consult	Consult	Consult	3000	70	Symmetrical Distribution (DS51)	V & P

Configurable product: consult us for other versions V = compliant for roads and parking lots, P = compliant for parks and gardens.

TownTune lateral BDP265



100 000 h
L86 to L95



10 %



7 driver
systems



4 color
temperatures



Up to 80



BDP265i



6 kV,
10 kV opt.



According
to version

PHILIPS
interact
ready.



The residential and urban range that offers choice

- Wide choice of designs thanks to modularity and accessories
- CEE eligible
- Numerous control systems: cabinet dimming (AmpDim), DALI PSD, CLO, LumiStep, DynaDimmer, EasyAir, and Interact City - Available color temperatures: 2 200 K, 2 700 K, 3,000 K and 4 000 K (CRI 70) and 3,000 K (CRI 80)
- Lateral fixing (crossbar) or lateral at the top
- Product complies with light pollution regulations, depending on version and application, refer to below table



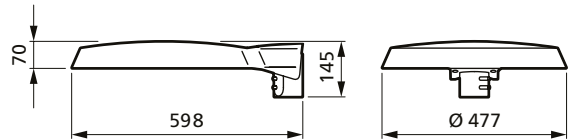
BDP267 + DR



BDP268 + DR



Example with accessories



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
3000 K - CRI70 - Class II - Optic Medium (DM) - Philips Gray 10714 - Diam 60 mm							
BDP265 LED84 4S/730 PSU II DM10 48/60A	6972	54	129	3000	70	Distribution medium (DM10)	V & P

Configurable product: consult us for other versions

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.

TownTune Lyre BDP270



100 000 h
L88 to 95



10%



7 driver systems



4 color temperatures



Up to 80



BDP265i



6 kV,
10 kV opt.



IK09



IP66



According to version

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ready.



The residential and urban range that gives you choice

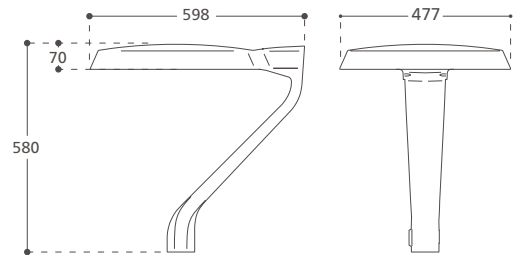
- Wide choice of designs thanks to modularity and accessories
- CEE eligible
- Numerous control systems: cabinet dimming (AmpDim), DALI PSD, CLO, LumiStep, DynaDimmer, EasyAir and Interact City
- Available color temperatures: 2 200 K, 2 700 K, 3,000 K and 4 000 K (CRI 70) and 3,000 K (CRI 80) 3,000 K or 4 000 K (CRI 80)
- Product complies with light pollution regulations, depending on version and application, refer to below table



TownTune lyre + Dome



TownTune lyre + Cone



Dimension in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
3000 K - CRI70 - Class II - Optic Medium (DM10) or Symmetrical (DS51) - Philips Grey 10714 - Diam 60/62 mm							
BDP270 LED50-4S/730 PSU II DM10 62P	3 950	34	116	3 000	70	Medium Distribution (DM10)	V & P
BDP270 LED79-4S/730 PSU II DS51 62P	Consult	Consult	Consult	3 000	70	Symmetrical Distribution (DS51)	V & P
3000 K - CRI80 - Class II - Optic Medium (DM10) or Symmetrical (DS50) - Philips Grey 10714 - Diam 60/62 mm							
BDP270 LED50-4S/830 II DM10 62P	3 900	40	98	3 000	80	Medium distribution 10	V & P
3000 K - CRI70 - Class II - Optic Medium (DM10) or Symmetrical (DS51) - Philips Grey 10714 - Diam 60/62 mm							
BDP272 LED50-4S/730 PSU II DM10 62P	3 950	34	116	3 000	70	Medium Distribution (DM10)	V & P
BDP272 LED79-4S/730 PSU II DS51 62P	Consult	Consult	Consult	3 000	70	Symmetrical Distribution (DS51)	V & P
3000 K - CRI80 - Class II - Optic Medium (DM10) or Symmetrical (DS50) - Philips Grey 10714 - Diam 60/62 mm							
BDP272 LED50-4S/830 II DM10 62P	3 900	40	98	3 000	80	Medium distribution 10	V & P

Configurable product: consult us for other versions

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
3000 K - IRC70 - Transparent bezel - Class II - Optic Medium (DM10) or Symmetrical (DS51) - Philips Grey 10714 - Diam 60/62 mm							
BDP271 LED50-4S/730 PSU II DM10 62P DR	3 950	34	116	3 000	70	Medium Distribution (DM10) Transparent Bezel (DR)	V & P
BDP271 LED79-4S/730 PSU II DS51 62P DR	Consult	Consult	Consult	3 000	70	Medium Distribution (DS51) Transparent Bezel (DR)	V & P
3000 K - IRC80 - Transparent bezel - Class II - Optic Medium (DM10) or Symmetrical (DS50) - Philips Grey 10714 - Diam 60/62 mm							
BDP271 LED50-4S/830 II DM10 62P	3 900	40	98	3 000	80	Medium distribution 10	V & P
3000 K - CRI70 - Class II - Optic Medium (DM10) or Symmetrical (DS51) - Philips Grey 10714 - Diam 60/62 mm							
BDP273 LED50-4S/730 PSU II DM10 62P	3 950	34	116	3 000	70	Medium Distribution (DM10)	V & P
BDP273 LED79-4S/730 PSU II DS51 62P	Consult	Consult	Consult	3 000	70	Symmetrical Distribution (DS51)	V & P
3000 K - CRI80 - Class II - Optic Medium (DM10) or Symmetrical (DS50) - Philips Grey 10714 - Diam 60/62 mm							
BDP273 LED50-4S/830 II DM10 62P	3 900	40	98	3 000	80	Medium distribution 10	V & P
Decorative accessories: Transparent (DR) or gold (DR GO) bezel, Cone (DTC) or Dome (DTD)							
ZDP261 DR							
ZDP261 DR GO							
ZDP262 DTC							
ZDP263 DTD							
Configurable product: consult us for other versions							

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.



Outdoor

TownGuide Flat Cone (Performance) BDP100

100 000 h
L80 to L98

10 %

7 driver
systems2 700 K
3 000 K
4 000 K

Up to 80



BDP100i

6 kV,
10 kV opt.

Option:

According
to version

PHILIPS
interact
ready.

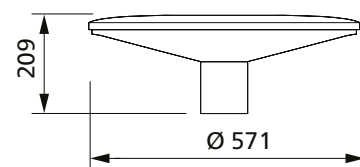
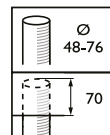


BDP001 PCC (clear diffuser)

BDP100 PCF
(frosted diffuser)

Safe, waste-free lighting

- Easy installation thanks to plug-in connector
- High impact resistance
- Numerous control systems: cabinet dimming (AmpDim), DALI PSD, CLO, LumiStep, DynaDimmer, EasyAir and Interact City
- Available color temperatures:
2 700 K and 3,000 K (CRI 80), 3,000 K and 4 000 K (CRI 70)
- Product complies with light pollution regulations, depending on version and application, refer to below table



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
RAL 7035 (GR) - 3000 K - CRI70 - Class II - Optic Wide (DW) or Symmetrical (DS) - Clear Diffuser (PCC) - Seaside paint (MSP) - Diam 60/62 mm							
BDP100 LED50/730 II DW PCC GR 62P	3700	36,5	101	3000	70	Symmetrical Wide (DW)	V & P
BDP100 LED70/730 II DW PCC GR 62P	5250	49,5	106	3000	70	Symmetrical Wide (DW)	V & P
BDP100 LED50/730 II DS PCC GR MSP 62P	3800	36,5	104	3000	70	Symmetrical Distribution (DS)	V & P
RAL 9006 (SI) - 3000 K - CRI80 - Class II - Optic Wide (DW) or Sym. (DS) - Clear Diffuser (PCC) or frosted (PCF) - LumiStep 6h (LS-6) - Diam 60/62 mm							
BDP100 LED50/830 II DW PCC SI LS-6 62P	3700	41	90	3000	80	Symmetrical Wide (DW)	V & P
BDP100 LED60/830 II DS PCF SI LS-6 62P	3240	47	69	3000	80	Symmetrical Distribution (DS)	P
RAL 7035 (GR) - 3000 K - CRI80 - Class II - Optic Wide (DW) or Sym. (DS) - Clear Diffuser (PCC) or frosted (PCF) - Seaside paint (MSP) - Diam 60/62 mm							
BDP100 LED50/830 II DW PCC GR 62P	3700	41	90	3000	80	Symmetrical Wide (DW)	V & P
BDP100 LED70/830 II DW PCC GR 62P	5250	56	94	3000	80	Symmetrical Wide (DW)	V & P
BDP100 LED70/830 II DW PCF GR 62P	3710	56	66	3000	80	Symmetrical Wide (DW)	P
BDP100 LED50/830 II DS PCC GR MSP 62P	3800	41	93	3000	80	Symmetrical Distribution (DS)	V & P

Configurable product: consult us for other versions

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.

Outdoor

TownGuide Classic Cone (Performance) BDP102



100 000 h
L80 to L98
according
to version



10 %



5 driver
systems



2 700 K
3 000 K
4 000 K



Up to 80



BDP100i



6 kV,
10 kV opt.



Option:



According
to version

PHILIPS

interact
ready.



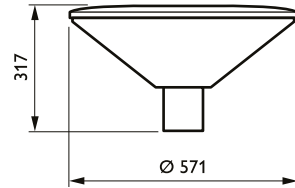
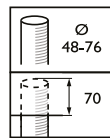
BDP102 PCC (clear diffuser)



BDP102 PCF
(frosted diffuser)

Safe, waste-free lighting

- Easy installation thanks to plug-in connector
- High impact resistance
- Numerous control systems: cabinet dimming (AmpDim), DALI PSD, CLO, LumiStep, DynaDimmer, EasyAir and Interact City
- Available color temperatures:
2 700 K and 3,000 K (CRI 80), 3,000 K and 4 000 K (CRI 70)
- Product complies with light pollution regulations, depending on version and application, refer to below table



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
RAL 9006 (SI) - 3000 K - CRI80 - Class II - Optic Wide (DW) or Sym. (DS) - Clear Diffuser (PCC) or frosted (PCF) - LumiStep 6h (LS-6) - Diam 60/62 mm							
BDP102 LED40/830 II DW PCC SI LS-6 62P	3160	32,5	97	3000	80	Symmetrical Distribution (DS)	P
BDP102 LED40/830 II DS PCC SI LS-6 62P	3280	32,5	101	3000	80	Symmetrical Distribution (DS)	P
BDP102 LED50/830 II DW PCC SI LS-6 62P	3850	41	94	3000	80	Symmetrical Wide (DW)	P
BDP102 LED50/830 II DS PCC SI LS-6 62P	4000	41	98	3000	80	Symmetrical Distribution (DS)	P
BDP102 LED60/830 II DW PCC SI LS-6 62P	4680	47	100	3000	80	Symmetrical Wide (DW)	P
BDP102 LED60/830 II DS PCC SI LS-6 62P	4740	47	101	3000	80	Symmetrical Distribution (DS)	P
BDP102 LED60/830 II DS PCF SI LS-6 62P	3360	47	71	3000	80	Symmetrical Distribution (DS)	P
RAL 9006 (SI) - 4000 K - CRI70 - Class II - Optic Wide (DW) or Sym. (DS) - Clear Diffuser (PCC) or frosted (PCF) - LumiStep 6h (LS-6) - Diam 60/62 mm							
BDP102 LED60/740 II DW PCC SI LS-6 62P	4680	39	120	4000	70	Symmetrical Wide (DW)	P
BDP102 LED60/740 II DS PCC SI LS-6 62P	3360	39	86	4000	70	Symmetrical Distribution (DS)	P

Configurable product: consult us for other versions

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.

Outdoor

StreetSaver gen2 BPP008



50 000 h
L80



5 %



Non dimmable
PSU



3 000 K
4 000 K



Up to 80



4 kV



IK08



IP65



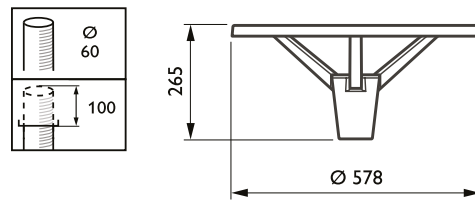
According to version

PHILIPS



The affordable LED solution for replacing conventional residential luminaires

- Distinctive design
- No light nuisance (ULR 0.1%)
- Easy installation
- Compliant with light pollution regulations



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
3000K - Symmetrical optics - No programming (PSU) - Class I - Signage grey (GR, RAL 7043) - 60 mm diameter end cap (60P)							
BPP008 LED-MP 830 PSU I GR 60P	2 300	27	85	3 000	80	Symmetrical optics	V & P
3000 (830) 4000 K (740) - Symmetrical optics - No programming (PSU) - Class I - Signage grey (GR, RAL 7043) - 60 mm diameter end cap (60P)							
BPP008 LED-MP 740 PSU I GR 60P	2 500	27	93	4 000	70	Symmetrical optics	P

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.

Main Applications

- Sidewalks
- Parks, gardens
- Residential areas
- Shopping center plazas



Technical Parameters

Product Model	BGP499 SE	BGP499 PT	BGP499 SP	BGP499 SP (+Chess)	BGP499 SP (+DOME)
Appearance/Mounting type	Side-entry lit angle: ±15°	Post-top	Suspend	Classic suspend	Classic suspend
System wattage	33W/66W/100W				
CCT	3000K, 4000K				
Optical application matrix	TA, TS	TS	TA, TS	PC cover	TA, TS
lumen output (±10%)	4000lm / 7800lm / 12000lm	3000lm / 6000lm / 10000lm	4000lm / 7800lm / 12000lm	4000lm / 7800lm / 12000lm	4000lm / 7800lm / 12000lm
Efficiency	≥120lm/w	≥100lm/w	≥120lm/w	≥120lm/w	≥120lm/w
Lifetime	50,000 hrs(L70/B50) @ta=40oC				
working temperature range	-40oC ~ +50oC				
Storage Temperature	-40oC ~ 75°C				
color consistency (SDCM)	SDCM ≤ 5				
CRI	≥70				
Target light distribution	Asymmetrical 150°*75° Symmetrical 90°*90°	Symmetrical 90°*90°	Asymmetrical 150°*75° Symmetrical 90°*90°	120°*120° omni	Asymmetrical 150°*75° Symmetrical 90°*90°
Input voltage	Typical: 110-277VAC, 50/60hz				
Power Factor (full load)	>0.9 @220VAC				
luminaires class	Class I				
Electrical system	ON/Off				
Surge protection	10/15KV SPD				
Input interface	flying wire:20cm, 3*1.0mm2	flying wire:20cm, 3*1.0mm2	flying wire:60cm, 3*1.0mm2	flying wire:60cm, 3*1.0mm2	flying wire:60cm, 3*1.0mm2
Dimensions (if applicable)	refer to Mounting Instructions document				
Housing materials	die-cast aluminum housing 5mm plate tempered glass 5mm	die-cast aluminum housing 5mm plate tempered glass 5mm	die-cast aluminum housing 5mm plate tempered glass 5mm	die-cast aluminum housing PC cover	die-cast aluminum housing 5mm plate tempered glass 5mm
Weight	9.7-10.5KG	10.7-11.5KG	8.5-9.3KG	7.7-8.5KG (chess cover excluded)	7.5-8.5KG (dome cover excluded)
IK	IP65				
Surface color	IK08				
Min. approbation	Grey: RAL 9007				
Warranty/guarantee period	CQC, CB, SAA, CE (others on request)				
Sustainability (RoHS, REACH,...)	3 years (Extended warranty on request) China ROHS2.0, REACH, EU ROHS				

Technical Parameters

Product Model	BGP499 SE	BGP499 PT	BGP499 SP	BGP499 SP (+Chess)	BGP499 SP (+DOME)
CCT			2700K, 5000K, 6500k		
housing colour			ETO (customized housing color)		
Dimming/control interface			FP driver option / 7pin NEMA option		



Outdoor



Outdoor

OptiSpace Bollard BCB500



50 000 h
L70



5 %



Non dimmable
PSU



3 000 K



80



10 kV



IK10



IP65



According to version

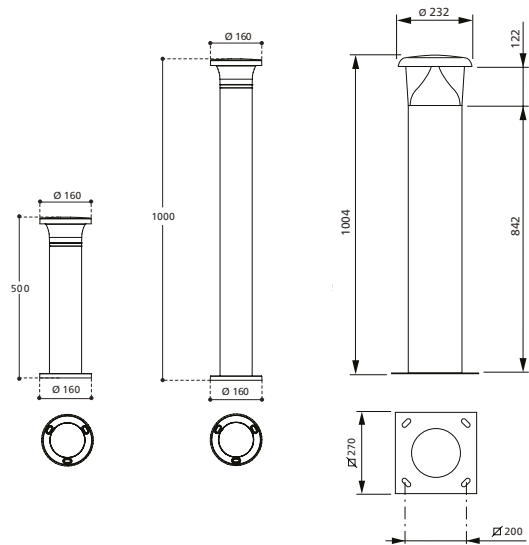
PHILIPS

Complementary lighting objects for warm, pleasant mood lighting



OptiSpace
Version 1

- Lighting of pedestrian walkways and promenades, staking, scenography of squares, squares, parks and gardens, or illumination of building surrounds
- Neutral white (OptiSpace)
- Two light distributions, symmetrical or asymmetrical
- Choice of RAL colors
- High performance: PMR applications with spacing up to 19 m (OptiSpace)
- Durable outdoor marking: IK10, 10kV protection - Easy installation thanks to pre-wiring



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
OptiSpace - Asymmetrical Optic (A) - 4000K - Class II - Philips anthracite grey shade (DGR) - Delivered with 4 sealing rods (ANB14)							
BCB500 LED27-4S/740 ANB14 II A DGR	2 390	20	167	4 000	CRI 80	Asymmetrical optic	P

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.

Solar Lighting

With Philips solar luminaires, you can quickly achieve your sustainability and energy-saving goals.



Outdoor

Why not integrate the sun into your outdoor lighting?

Solar lighting is both economical and ecological. The sun is clean, free and renewable energy. Captured, stored and distributed, solar energy powers our luminaires, replacing all or part of our infrastructure's electricity, thus eliminating consumption and overloading the grid.

Quick to install and easy to maintain

Our stand-alone solar lighting solutions require no trenching or wiring to connect to the power grid. They can be set up very quickly, without any lengthy disruption (traffic, construction time, noise pollution, etc.).

What's more, their durable design, based on long-life materials, requires virtually no maintenance. Contrary to popular belief, outdoor solar lighting is now a mature technology that has proven its worth in many cities. Solar lighting can be used anywhere, all year round, without the risk of night-time black-outs.

Today, it's a reliable technology, offering a high level of efficiency, thanks to the progress made in recent years (high-performance LED modules, high-capacity batteries, high-yield photovoltaic panels). Thanks to its mastery of these technologies, it can be easily integrated into new installations or renovation programs.

Let's act for the world of tomorrow

Solar-powered outdoor lighting is the key to your commitment to sustainable development:

- Autonomous lighting means using 100% green energy, free of charge and totally carbon-free: 0 CO2 emissions in operation.
- A perfect ally to help you achieve ambitious goal of carbon neutrality.
- All of this backed up by an efficient ecosystem for recycling and reclaiming waste (batteries, photovoltaic panels, electrical waste, etc.).

Installing 15 solar lights in place of your conventional system** corresponds to:



The electricity consumption of 2 households for one year.

or



The carbon absorbed by more than 6 mature trees over one year.



How does solar power work?

The controller

This is the brain of the system: it optimizes the battery charge and manages the luminaire's power supply according to a dimming profile.

The solar panel

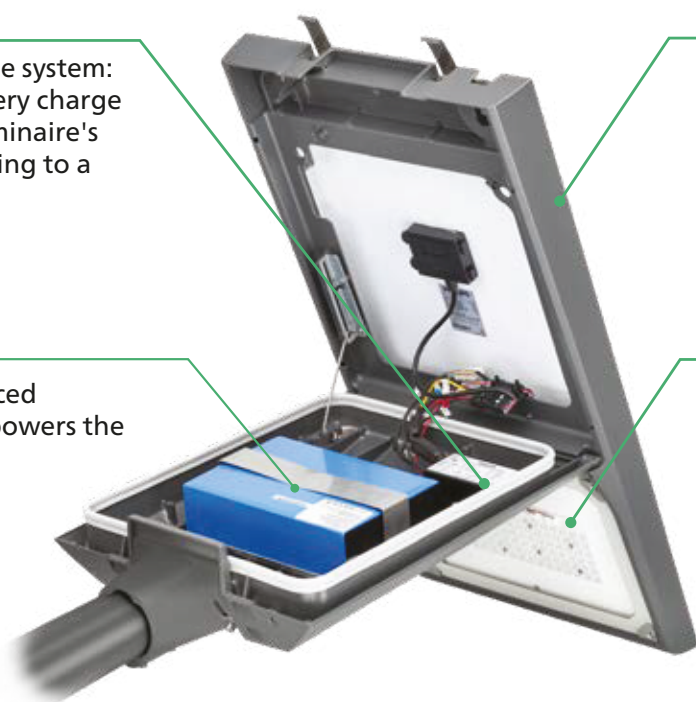
Captures solar energy and converts it into electrical energy

The battery

Stores energy produced during the day and powers the luminaire at night

The LED module

Diffuses and distributes light exactly where it's needed for the chosen application



SunStay BRP710



50 000 h
L70 B50



Progressive
Bluetooth



3 000 K



70



Medium
Asymmetrical



According
to version



PHILIPS



SunStay 60Wp



SunStay 35Wp



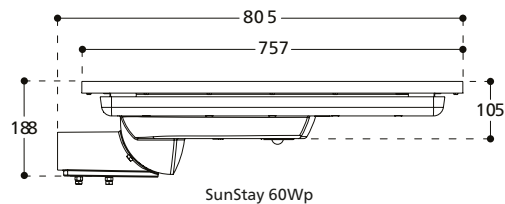
Solar panel



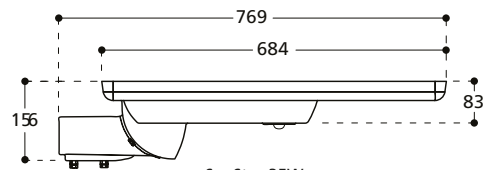
Motion sensor

SunStay offers an all-in-one design, integrating the solar panel, controller, battery and lighting system

- Ideal for residential areas, pedestrian zones, parking lots, parks and gardens, cycle paths
- Recommended installation heights: : 4 to 6 m
- Stand-alone version, dimming profile adjustable via Bluetooth using a mobile app
- Hybrid version guarantees lighting output regardless of programmed scenario
- Presence detector integrated into luminaire for 100% stand-alone versions
- High performance (4,500 lm in standalone version), hybrid version up to 6,000 lm (3,000 K)
- High performance lithium battery: up to 384 W/h
- Mounting at the top of the mast or side Ø 48 to 60 mm



SunStay 60Wp



SunStay 35Wp

Dimension in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
Autonomous BLE + Detector 3000K							
BRP710 LED30 WW 35MO PDIM30 BLE Solar (256W/h battery)	3 000	17	175	3 000	70	MR	V & P
BRP710 LED45 WW 60MO PDIM30 BLE Solar (384W/h battery)	4 500	26	175	3 000	70	MR	V & P
Hybrid 3000K (only fixed program)							
BRP710 LED60 WW MR HY FDIM20 SOLAR (384W/h battery)	6 000	35	175	3 000	70	MR	V & P

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.

SunStay Pro VGP725



100 000 h
L95 B50



several
driver
systems



1 800 K
to 4 000 K



48 to 80
according
to version



16 optics



VGP725i



Hybrid



Autonomous



IK08



IP66



According
to version

PHILIPS
interact
ready.



SunStay Pro offers a remarkable design, integrating the solar panel, controller, battery, management system, motion detector and lighting system in a single luminaire.

- Ideal for side roads, pedestrian areas, parking lots, parksand, gardens, cycle paths
- Recommended installation heights : up to 10m
- Excellent service life:- 100,000 h L95
- Dimming profile adjustable via Bluetooth using a mobile application or the Interact City* platform
- Presence sensor integrated into luminaire to maximize product autonomy
- High performance up to 10,000 lm
- High-performance lithium battery: up to 768 W/h
- Top-mast or side-mounting Ø60 or 76mm



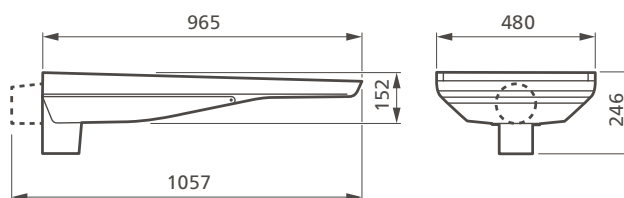
View of solar panel



Interact module



Easy maintenance, tool-free opening



Dimension in mm

Quotation on request.

* The dimming profile must be confirmed by a solar study carried out by your Signify representative. Incorrect programming, or programming with too high a flux, will overload the battery and cause the lighting to go out prematurely.

Outdoor

Road Lighting

Compare the features of our selection of road lighting luminaires, ranked from the simplest to the most advanced solution.



Outdoor

Portfolio Summary

Luma gen2*



- Available in 6 sizes
- 35 optics and 2 internal barn doors (to reduce glare)
- Tool-free driver installation and maintenance thanks to GearFlex driver box
- Solar version available

Iridium gen4



- Available in 2 sizes
- 32 optics and 2 internal barn doors (to reduce glare)
- Tool-free driver installation and maintenance thanks to GearFlex driver box

DigiStreet



- Available in 4 sizes
- 35 optics and 2 internal barn doors (to reduce glare)
- Tool-free driver installation and maintenance thanks to device compartment opening clips and driver retaining clips

LumiStreet gen2 BGP29X



- Available in 5 sizes
- 16 optics and 2 internal barn doors (to reduce glare)
- Optional: toolless opening of driver compartment and driver clipped onto board
- Solar version available

ClearWay gen2 BGP307



- Available in 1 size
- 4 optics and 2 internal barn doors (to reduce glare)
- Installation and maintenance after opening the glass cover with 2 screws

Service life	System flux	Efficiency	CEE	CRI	Standard warranty
100 000h L94 to L98 according to version	600 to 64,000 according to version	Up to 164 lm/W	Eligible according to version	3 000 K and 4 000 K (CRI 70) 1 000K (CRI 60) 1 800 K (CRI 48) 2 000K (CRI 36) 2 200 K and 2700 K (CRI 70) 3 000 K (CRI 80)	5 Years
100 000h L94 to L98 according to version	800 to 21,000 according to version	Up to 156 lm/W	Eligible according to version	3 000 K and 4 000 K (CRI 70) 1 000K (CRI 60) 1 800 K (CRI 48) 2 000K (CRI 36) 2 200 K and 2700 K (CRI 70) 3 000 K (CRI 80)	5 Years
100 000h L95 to L98 according to version	800 to 36 000 lm	Up to 164 lm/W	Eligible according to version	3 000 K and 4 000 K (CRI 70) 1 000K (CRI 60) 1 800 K (CRI 48) 2 000K (CRI 36) 2 200 K and 2700 K (CRI 70) 3 000 K (CRI 80)	5 Years
100 000h L90 to L98 according to version	800 to 42 000 lm	Up to 159 lm/W	Eligible according to version	3 000 K and 4 000 K (CRI 70) 1 000K (CRI 60) 1 800 K (CRI 48) 2 000K (CRI 36) 2 200 K and 2700 K (CRI 70) 3 000 K (CRI 80)	5 Years
100 000h L95 to L98 according to version	800 to 13 000 lm	Up to 157 lm/W	Eligible according to version	3 000 K and 4 000 K (CRI 70) 1 000K (CRI 60) 1 800 K (CRI 48) 2 000K (CRI 36) 2 200 K and 2700 K (CRI 70) 3 000 K (CRI 80)	5 Years

Road Lighting

Compare the features of our selection of road lighting luminaires, ranked from the simplest to the most advanced solution.



Outdoor

Portfolio Summary

LiteMagic Street
BRP499



- Up to 50% energy savings. Uses significantly less energy than conventional street lighting solutions.
- Ease of maintenance.
- Tool-less opening of gear compartment.
- Long System lifetime.
- Modern design, die-cast housing (IP66) with excellent thermal management.

GreenVision Xceed Gen2
BRP38X



- Tool-free box opening for quick SPD and drive replacement
- High-quality components combined with the most durable design
- Dedicated LED lumen packaging can save more than 50% of energy
- Interact ready and can be paired with new IoT systems and lighting management applications
- Solar version available

RoadFlair Pro
BRP59X



- Sustainable design with zero negative environmental impact
- High efficacy for energy savings and sustainability
- Easy access to SPD, driver, and gear compartment. Hassle-free installation
- Solar version available

RoadFlair Gen2
BRP491X



- The lamp structure can be easily installed and the surge protector and drive can be easily replaced.
- High quality components and professional design are used
- Interact-preparation system can be subsequently connected to intelligent IoT system

Service life	System flux	Efficiency	CEE	CRI	Standard warranty
60 000 h L70	Upto 35 000 lm	Upto 140lm/W	Eligible according to version	CRI 70	5 Years
100,000 h L80B50	7 000 to 45 000lm	Up to 145 lm/W	Eligible according to version	CRI>70	5 Years
100k hrs L80B50	up to 48900lm	160lm/W (200lm/W for up to 100W)	Eligible according to version	CRI>70	5 Years
100,000 h L70B50	Upto 44 000lm	Upto 140lm/w	Eligible according to version	CRI>70	5 Years

LumiStreet gen2 Nano BGP290

	100 000 h L90 to L99	10 %	8 driver systems	3000K 4000K	IRC	80	BGP281i	6 kV 10 kV as an option	On demand		Options: IK08 IK09	IP66			According to version

PHILIPS
interact
ready.

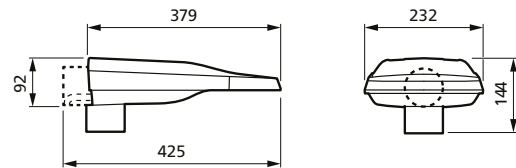
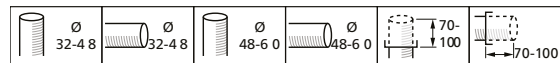


Modernized to meet your changing needs and expectations

- Energy performance: high efficiency at controlled cost
- 8 optics for all road applications: DM10/12/31/32/50, DN09/10 and DX10
- Numerous control systems: cabinet dimming (AmpDim), DALI (D9), CLO, LumiStep, DynaDimmer, EasyAir, Multisensor OSB and Interact City
- Source flux: up to 6,000 lm
- Color temperatures available only: 3,000 K (CRI70) / 3,000 K (CRI80) and optional 4,000 K (CRI70)
- Product complies with light pollution regulations, depending on version and application, refer to below table



Tool-free driver access and opening decontactor



Dimensions in mm

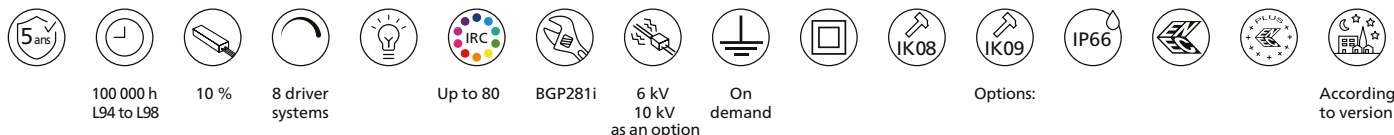
Outdoor

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
1F version - Aluminum cover - Flat glass - 3000 K - CRI70 - Medium optics (DM50)- DALI (D9) - Class II - Ral 7035 finish - 48/60 mm - Ta=25°C							
BGP290 LED20-1F/730 II DM50 D9 48/60S	1 660	13	128	3000K	70	Medium Distribution (DM50)	V & P
BGP290 LED40-1F/730 II DM50 D9 48/60S	3 200	25.5	125	3000K	70	Medium Distribution (DM50)	V & P
BGP290 LED50-1F/730 II DM50 D9 48/60S	3 900	32.5	120	3000K	70	Medium Distribution (DM50)	V & P
BGP290 LED60-1F/730 II DM50 D9 48/60S	4 500	40	113	3000K	70	Medium Distribution (DM50)	V & P

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.

LumiStreet gen2 Micro BGP291



PHILIPS
interact
ready.

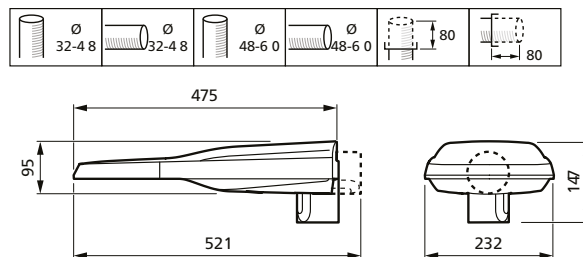


Modernized to meet your changing needs and expectations

- Energy performance: high efficiency at controlled cost
- 12 optics for all road applications
- Numerous control systems: cabinet dimming (AmpDim), DALI (D9), CLO, LumiStep, DynaDimmer, EasyAir, Multisensor OSB and Interact City - Source flux: up to 9,400 lm
- Available color temperatures: 3,000 K and 4,000 K (CRI 70), optional: 1 000 K (CRI 60), 1 800 K (CRI 48), 2 000 K (CRI 36), 2 200 K and 2 700 K (CRI 70), 3,000 K (CRI 80)
- Product complies with light pollution regulations, depending on version and application, refer to below table



Tool-free driver access and opening decontactor



Dimensions in mm

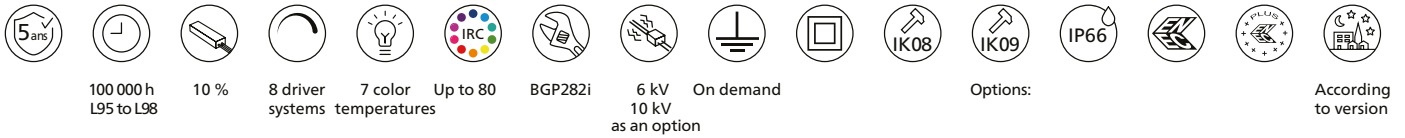
Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
4S version - Aluminum cover - Flat glass - 3000 K - CRI70 - Medium optics (DM50)- DALI (D9) - Class II - Ral 7035 finish - 48/60 mm - Ta=25°C							
BGP291 LED20-4S/730 II DM50 D9 48/60S	1 760	14	126	3000	70	Medium Distribution (DM50)	V & P
BGP291 LED40-4S/730 II DM50 D9 48/60S	3 480	27	129	3000	70	Medium Distribution (DM50)	V & P
BGP291 LED50-4S/730 II DM50 D9 48/60S	4 350	34	128	3000	70	Medium Distribution (DM50)	V & P
BGP291 LED60-4S/730 II DM50 D9 48/60S	5 160	42	123	3000	70	Medium Distribution (DM50)	V & P
4S version - Aluminum cover - Flat glass - 3000 K - CRI70 - Medium optics (DM50)- Class II - Ral 7035 finish - 48/60 mm - Ta=25°C							
BGP291 LED51-4S/730 II DM50 48/60S	4 524	34	133	3000	70	Medium Distribution (DM50)	V & P
4S version - Aluminum cover - Flat glass - 3000 K - CRI70 - Medium optics (DM50)- MSP (Marine salt protected) - Class II - Ral 7035 finish - 48/60 mm - Ta=25°C							
BGP291 LED51-4S/730 II DM50 MSP 48/60S	4 524	34	133	3000	70	Medium Distribution (DM50)	V & P
4S version - Aluminum cover - Flat glass - 4000 K - CRI70 - Medium optics (DM50)- DALI (D9) - Class II - Ral 7035 finish - 48/60 mm - Ta=25°C							
BGP291 LED20-4S/740 II DM50 D9 48/60S	1 740	13,8	126	4000	70	Medium Distribution (DM50)	P
BGP291 LED40-4S/740 II DM50 D9 48/60S	3 520	24,5	144	4000	70	Medium Distribution (DM50)	P
BGP291 LED50-4S/740 II DM50 D9 48/60S	4 350	31	140	4000	70	Medium Distribution (DM50)	P
BGP291 LED64-4S/740 II DM50 D9 48/60S	5 504	40,5	136	4000	70	Medium Distribution (DM50)	P

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.

Outdoor

LumiStreet gen2 Mini BGP292



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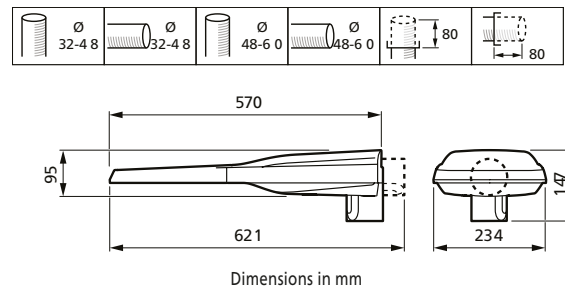


Modernized to meet your changing needs and expectations

- Energy performance: high efficiency at controlled cost
- 12 optics for all road applications
- Numerous control systems: cabinet dimming (AmpDim), DALI (D9), CLO, LumiStep, DynaDimmer, EasyAir, Multisensor OSB and Interact City
- Source flux: up to 18,000 lm
- Available color temperatures: 3,000 K and 4,000 K (CRI 70), optional: 1 000 K (CRI 60), 1 800 K (CRI 48), 2 000 K (CRI 36), 2 200 K and 2 700 K (CRI 70), 3,000 K (CRI 80)
- Product complies with light pollution regulations, depending on version and application, refer to below table



Tool-free driver access and opening decontactor



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
4S version - Aluminum cover - Flat glass - 3000 K - CRI70 - Medium optics (DM50)- DALI (D9) - Class II - Ral 7035 finish - 48/60 mm - Ta=25°C							
BGP292 LED60-4S/730 II DM50 D9 48/60S	5 160	42	123	3000	70	Medium Distribution (DM50)	V & P
BGP292 LED65-4S/730 II DM50 D9 48/60S	5 742	42,5	135	3000	70	Medium Distribution (DM50)	V & P
BGP292 LED80-4S/730 II DM50 D9 48/60S	6 880	54	127	3000	70	Medium Distribution (DM50)	V & P
BGP292 LED100-4S/730 II DM50 D9 48/60S	8 600	66	130	3000	70	Medium Distribution (DM50)	V & P
BGP292 LED120-4S/730 II DM50 D9 48/60S	10 200	81	126	3000	70	Medium Distribution (DM50)	V & P
4S version - Aluminum cover - Flat glass - 3000 K - CRI70 - Medium optics (DM50) - Class II - Ral 7035 finish - 48/60 mm - Ta=25°C							
BGP292 LED100-4S/730 II DM50 48/60S	8 600	64	134	3000	70	Medium Distribution (DM50)	V & P
4S version - Aluminum cover - Flat glass - 3000 K - CRI70 - Medium optics (DM50)- MSP (Marine salt protected) - Class II - Ral 7035 finish - 48/60 mm - Ta=25°C							
BGP292 LED100-4S/730 II DM50 MSP 48/60S	8 600	64	134	3000	70	Medium Distribution (DM50)	V & P
4S version - Aluminum cover - Flat glass - 4000 K - CRI70 - Medium optics (DM50)- DALI (D9) - Class II - Ral 7035 finish - 48/60 mm - Ta=25°C							
BGP292 LED60-4S/740 II DM50 D9 48/60S	5 220	36	145	4000	70	Medium Distribution (DM50)	P
BGP292 LED65-4S/740 II DM50 D9 48/60S	5 742	39	147	4000	70	Medium Distribution (DM50)	P
BGP292 LED80-4S/740 II DM50 D9 48/60S	6 880	49	140	4000	70	Medium Distribution (DM50)	P
BGP292 LED100-4S/740 II DM50 D9 48/60S	8 500	63	135	4000	70	Medium Distribution (DM50)	P
BGP292 LED120-4S/740 II DM50 D9 48/60S	10 200	73	140	4000	70	Medium Distribution (DM50)	P

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.

LumiStreet gen2 Medium BGP293

100 000 h L95 to L98
 10%
 8 driver systems
 7 color temperatures
 Up to 80 IRC
 BGP283i
 6 kV 10 kV as an option
 On demand
 IK08
 IK09
 IP66
 Options:
 According to version

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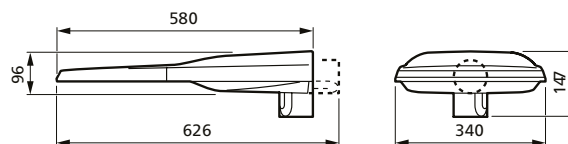
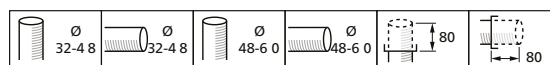


Modernized to meet your changing needs and expectations

- Energy performance: high efficiency at controlled cost
- 12 optics for all road applications
- Numerous control systems: cabinet dimming (AmpDim), DALI (D9), CLO, LumiStep, DynaDimmer, EasyAir, Multisensor OSB and Interact City
- Source flux: up to 26,000 lm
- Available color temperatures: 3,000 K and 4,000 K (CRI 70), optional: 1 000 K (CRI 60), 1 800 K (CRI 48), 2 000 K (CRI 36), 2 200 K and 2 700 K (CRI 70), 3,000 K (CRI 80)
- Product complies with light pollution regulations, depending on version and application, refer to below table



Tool-free driver access and opening decontactor



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
4S version - Aluminum cover - Flat glass - 3000 K - CRI70 - Medium optics (DM50)- DALI (D9) - Class II - Ral 7035 finish - 48/60 mm - Ta=25°C							
BGP293 LED100-4S/730 II DM50 D9 48/60S	8 700	62	140	3000	70	Medium Distribution (DM50)	V & P
BGP293 LED139-4S/730 II DM50 D9 48/60S	12 040	89	135	3000	70	Medium Distribution (DM50)	V & P
BGP293 LED149-4S/730 II DM50 D9 48/60S	12 750	97	131	3000	70	Medium Distribution (DM50)	V & P
BGP293 LED180-4S/730 II DM50 D9 48/60S	15 480	114	136	3000	70	Medium Distribution (DM50)	V & P
BGP293 LED220-4S/730 II DM50 D9 48/60S	18 480	144	128	3000	70	Medium Distribution (DM50)	V & P
4S version - Aluminum cover - Flat glass - 4000 K - CRI70 - Medium optics (DM50)- DALI (D9) - Class II - Ral 7035 finish - 48/60 mm - Ta=25°C							
BGP293 LED100-4S/740 II DM50 D9 48/60S	8 700	58	150	4000	70	Medium Distribution (DM50)	P
BGP293 LED139-4S/740 II DM50 D9 48/60S	12 040	82	147	4000	70	Medium Distribution (DM50)	P
BGP293 LED149-4S/740 II DM50 D9 48/60S	12 900	88	147	4000	70	Medium Distribution (DM50)	P
BGP293 LED149-4S/740 II DM50 D9 48/60S	12 900	88	147	4000	70	Medium Distribution (DM50)	P
BGP293 LED180-4S/740 II DM50 D9 48/60S	15 300	108	142	4000	70	Medium Distribution (DM50)	P
BGP293 LED240-4S/740 II DM50 D9 48/60S	20 160	142	142	4000	70	Medium Distribution (DM50)	P

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.

LumiStreet gen2 Large BGP294

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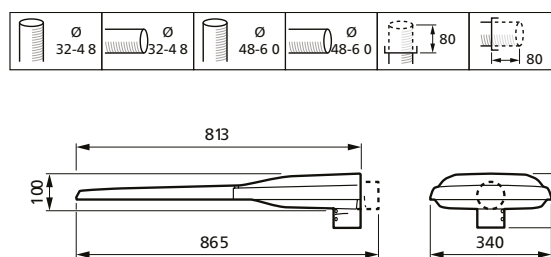


Modernized to meet your changing needs and expectations

- Energy performance: high efficiency at controlled cost
- 12 optics for all road applications
- Numerous control systems: cabinet dimming (AmpDim), DALI (D9), CLO, LumiStep, DynaDimmer, EasyAir, Multisensor OSB and Interact City - Source flux: up to 42,000 lm
- Available color temperatures: 3,000 K and 4,000 K (CRI 70), optional: 1 000 K (CRI 60), 1 800 K (CRI 48), 2 000 K (CRI 36), 2 200 K and 2 700 K (CRI 70), 3,000 K (CRI 80)
- Product complies with light pollution regulations, depending on version and application, refer to below table



Tool-free driver access and opening decontactor



Dimensions in mm

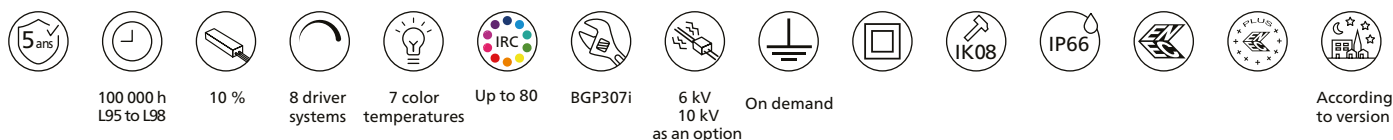
Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
4S version - Aluminum cover - Flat glass - 3000 K - CRI70 - Medium optics (DM50)- DALI (D9) - Class II - Ral 7035 finish - 48/60 mm - Ta=25°C							
BGP294 LED139-4S/730 II DM50 D9 48/60S P	12 180	86	142	3000	70	Medium Distribution (DM50)	V & P
BGP294 LED180-4S/730 II DM50 D9 48/60S P	15 660	112	140	3000	70	Medium Distribution (DM50)	V & P
BGP294 LED240-4S/730 II DM50 D9 48/60S P	20 400	152	134	3000	70	Medium Distribution (DM50)	V & P
BGP294 LED280-4S/730 II DM50 D9 48/60S P	23 520	178	132	3000	70	Medium Distribution (DM50)	V & P
BGP294 LED340-4S/730 II DM50 D9 48/60S P	28 560	210	136	3000	70	Medium Distribution (DM50)	V & P
BGP294 LED380-4S/730 II DM50 D9 48/60S P	31 540	240	131	3000	70	Medium Distribution (DM50)	V & P
4S version - Aluminum cover - Flat glass - 4000 K - CRI70 - Medium optics (DM50)- DALI (D9) - Class II - Ral 7035 finish - 48/60 mm - Ta=25°C							
BGP294 LED139-4S/740 II DM50 D9 48/60S P	12 180	80	152	4000	70	Medium Distribution (DM50)	P
BGP294 LED180-4S/740 II DM50 D9 48/60S P	15 660	104	151	4000	70	Medium Distribution (DM50)	P
BGP294 LED240-4S/740 II DM50 D9 48/60S P	20 640	138	150	4000	70	Medium Distribution (DM50)	P
BGP294 LED280-4S/740 II DM50 D9 48/60S P	23 800	164	145	4000	70	Medium Distribution (DM50)	P
BGP294 LED340-4S/740 II DM50 D9 48/60S P	28 560	194	147	4000	70	Medium Distribution (DM50)	P

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.

Outdoor

ClearWay gen2 BGP307

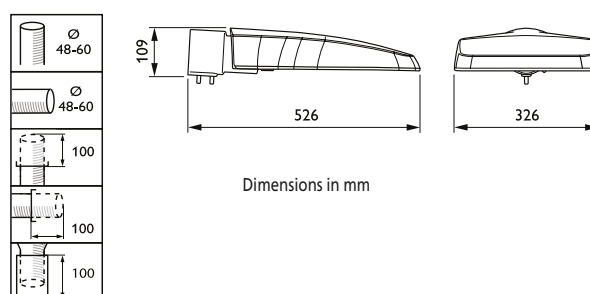


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Versatile, economical LED lighting

- Tilt adjustment without opening the luminaire
- 4 optics for different applications
- Numerous control systems: cabinet dimming (AmpDim), DALI (D9), CLO, LumiStep, DynaDimmer, EasyAir and Interact City
- Source flux: up to 13,000 lm
- Available color temperatures:
3,000 K and 4,000 K (CRI 70), optional: 1,800 K (CRI 48), 2 000 K (CRI 36), 2 200 K, 2 700 K (CRI 70) and 3,000 K (CRI 80)
- Product complies with light pollution regulations, depending on version and application, refer to below table



Dimensions in mm

Comprehensive selection of product codes available, contact Signify Middle East.

Designation	System flux (lm)	System power (W)	Eff. syst. (lm/W)	Color temp (K)	CRI	Optic	Light pollution
Performer 4S version - Aluminum cover - Flat glass - 3000 K - CRI70 - Medium optics (DM50) - Class II - Ral 7035 finish - 48/60 mm - Ta=25°C							
BGP307 LED40-4S/730 II DM50 48/60S	3 520	27	130	3000	70	Medium Distribution (DM50)	V & P
BGP307 LED45-4S/730 II DM50 48/60S	3 960	30,5	130	3000	70	Medium Distribution (DM50)	V & P
BGP307 LED54-4S/730 II DM50 48/60S	4 698	37	127	3000	70	Medium Distribution (DM50)	V & P
BGP307 LED69-4S/730 II DM50 48/60S	6 160	43,5	142	3000	70	Medium Distribution (DM50)	V & P
BGP307 LED84-4S/730 II DM50 48/60S	7 308	54	135	3000	70	Medium Distribution (DM50)	V & P
BGP307 LED99-4S/730 II DM50 48/60S	8 600	64	134	3000	70	Medium Distribution (DM50)	V & P
BGP307 LED109-4S/730 II DM50 48/60S	9 350	72	130	3000	70	Medium Distribution (DM50)	V & P
BGP307 LED120-4S/730 II DM50 48/60S	10 080	82	123	3000	70	Medium Distribution (DM50)	V & P
Performer 4S version - Aluminum cover - Flat glass - 4000 K - CRI70 - Medium optics (DM50) - Class II - Ral 7035 finish - 48/60 mm - Ta=25°C							
BGP307 LED40-4S/740 II DM50 48/60S	3 520	24,5	144	4000	70	Medium Distribution (DM50)	P
BGP307 LED45-4S/740 II DM50 48/60A	3 960	28	141	4000	70	Medium Distribution (DM50)	P
BGP307 LED54-4S/740 II DM50 48/60S	4 698	33,5	140	4000	70	Medium Distribution (DM50)	P
BGP307 LED69-4S/740 II DM50 48/60S	6 160	40,5	152	4000	70	Medium Distribution (DM50)	P
BGP307 LED84-4S/740 II DM50 48/60S	7 308	49,5	148	4000	70	Medium Distribution (DM50)	P
BGP307 LED99-4S/740 II DM50 48/60S	8 600	59	146	4000	70	Medium Distribution (DM50)	P
BGP307 LED109-4S/740 II DM50 48/60S	9 460	65	146	4000	70	Medium Distribution (DM50)	P
BGP307 LED120-4S/740 II DM50 48/60S	10 200	72	142	4000	70	Medium Distribution (DM50)	P

* Compliance with light pollution regulations: V = compliant for roads and parking lots, P = compliant for parks and gardens.

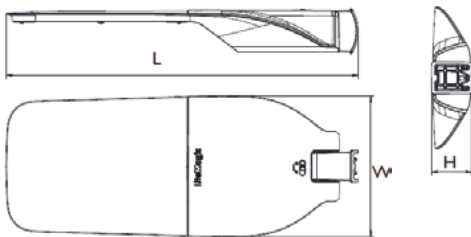
Outdoor

LiteMagic Street

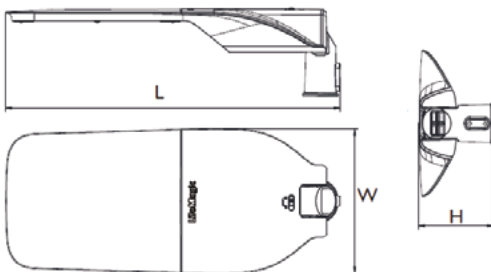
LiteMagic



Product Size - side entry version



Product size - Post top version



Adjustable tilt angle



Get your city ready for the future with LiteMagic

Developed with the aim to become your long-term partner, the system ready architecture enables you to enjoy the benefits of connected lighting systems today and gets the city ready for the innovations to come. It is designed to achieve better light uniformity and maximum spacing between poles for both pedestrian and vehicle road applications. With its die-cast aluminum housing and LiteMagic LED platform, it is easy to maintain, has a long lifetime and a consistency you can count on. It also offers 2 housing sizes and a range of beam optics to fully cater to different road configurations and conditions. Offers up to 50% energy savings compared to conventional lamp systems, making it the perfect sustainable lighting solution for any emerging metropolis.

Product features

Energy saving optimization

Up to 50% energy savings. Uses significantly less energy than conventional street lighting solutions

Easy maintenance

Ease of maintenance. Tool-less opening of gear compartment

Long lifetime

Long System lifetime. Modern design, die-cast housing (IP66) with excellent thermal management

Model	L(mm)	W(mm)	H(mm)
BRP499 (M)	719	367	111
BRP499 (L)	1012	364	115

Model	L(mm)	W(mm)	H(mm)
BRP499 (M)	719	367	111
BRP499 (L)	996	364	221

Main Applications

Main roads, Arterial roads, Secondary roads (complying with CIE standards using different optic options for typical scenarios)

Traffic routes and main access roads
Urban and residential areas



Technical Parameters

BRP499	
Lifetime(Reported)	60,000 hours (L70 50°C Ta)
Optics	DME,DWE,DWP,DM,DC,DK,DN, DRW,T3ML,T3WL,DNE and others
Luminous Efficacy	~140 lm/w (Typical)
Light source	LED
LED driver	Constant current or programmable driver options
System lumen output	Up to 35000 lumens*
Color rendering index	Minimum 70
Color Temperature	CW 5700K / NW 4000K / WW 3000K
Power requirement	220-240V 50/60Hz
Power factor	> 0.95 (nominal power)
Drive current	200mA - 700mA
Installation	Φ42-60mm pole, side entry
Windage area	BRP499(M):0.2 ² ; BRP499(L):0.3 ²
Working temperature	- 40°C < Ta <= 50°C
Wind force	Up to 60m/s
Relative humidity	Up to 95%RH
Housing material	High pressure die-cast aluminum
Gasket material	Heat resistant silicone rubber
Glass	Tempered glass
Finishing	Gray Paint RAL7040 (Other colors available on request)

Outdoor

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

BRP499	
Dimensions	BRP499(M): 719 x 367 x 111mm BRP499(L): 1012 x 364 x 115mm
Weight	BRP499(M): 8.6kg; BRP499(L): 13.8kg
Certifications	CB, IEC60598, ENEC, EMC, LM84, LM82, LM79 ISTMT(under UL1598 worst case scenario) 3G Vibration (other certifications on request)
Rating	IP66; IK08; Class I or II
Surge protection	SPD 15kV/kA (default)
Control	Standalone, multiple dimming & control options compatible with (0-10V, coded mains, DALI, city touch & Interact city)
Control Interface	Future proof design, 7-Pin NEMA & SR socket options
Maintenance	Tool-less access for gear compartment

GreenVision Xceed Gen2 BRP381/382/382L/383/384

PHILIPS



BRP383



BRP381



BRP382



BRP384



BRP382L

Light Of Wisdom, Make The City Safer And More Pleasant Led Street Lamps

BRP38X series street lamps can replace the traditional sodium lamp and bring about 50% energy saving on the premise of meeting the road lighting standards through efficient LED chip and power supply and unique special lens design suitable for Chinese roads.

Product features

Easy maintenance

Tool-free box opening for quick SPD and drive replacement

Professional and reliable

High-quality components combined with the most durable design

Energy saving optimization

Dedicated LED lumen packaging can save more than 50% of energy

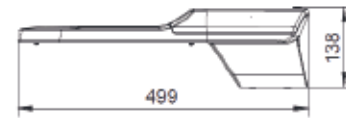
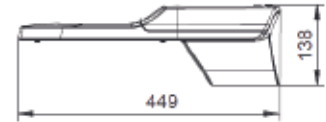
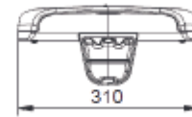
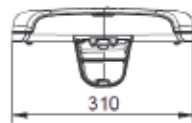
Future-oriented and connected

Ready to interact and can be paired with new IoT systems and lighting management applications

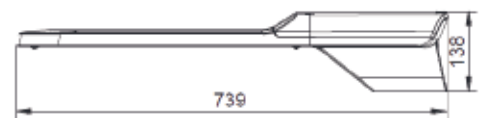
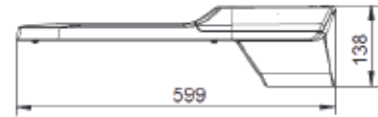
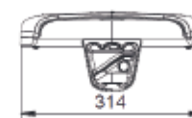
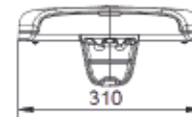
Outdoor



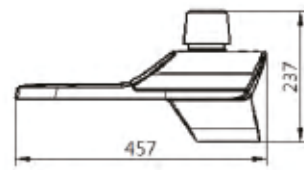
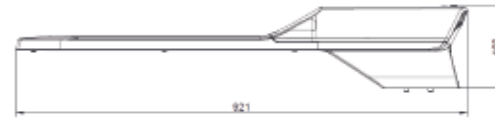
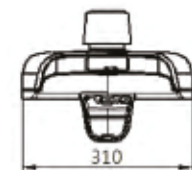
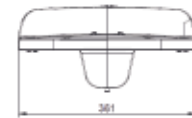
BRP384 Max
48600 lumen 350W



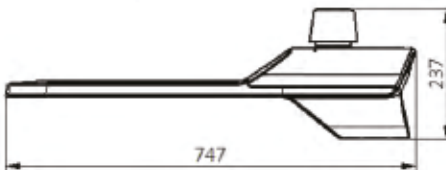
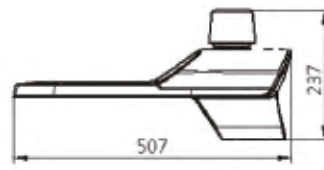
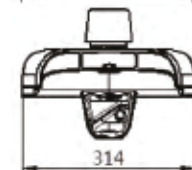
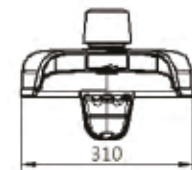
BRP383
Max 38900 lumen 280W



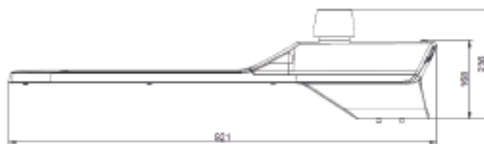
BRP382L
Max 30200 lumen 220W



BRP382
Max 19400 lumen 140W


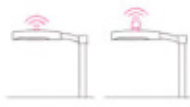


BRP381
Max 14600 lumen 105W



Outdoor

Technical Parameters

Product features	Specifications
Type	5 sizes: Small (BRP381), Medium (BRP382), Mid-Large (BRP382L), Large (BRP383), Ex-Large (BRP384)
LED engine	Mid-power 3030 and High-power LED's platform options
Power	BRP384: 300W up to 350W BRP383: 230W up to 280W BRP382L: 150W up to 220W BRP382: 120W up to 140W BRP381: 55W up to 105W
Luminous flux for 4000k (lm)	BRP384: 41K to 48K Lumen BRP383: 31K to 38K Lumen BRP382L: 21K to 30K Lumen BRP382: 17K to 19K Lumen BRP381: 7K to 14K Lumen
Luminaire efficacy IP	140 lm/W
IK	66
CCT	08
Useful Life	2200K, 2700K, 3000K, 4000K, 5700K L70 at 35C Ta 100k hrs
Operating Temperature Range Mains Voltage	-40° to +50° C 220-240V/50-60Hz
Dimming	DynaDimmer DALI Coded Mains CityTouch / Interact City AmpDimming EasyAir
Sockets	Top SR Top 7 PIN NEMA
Surge protection devices	10kV / 15kV External Cable
Extra options	Customized Painted housing Marine Special Painting (1000hrs SST)
Optic	DM,DM1, DW1, DW2, DW2m, DW2s, DWS (DME,DWE, DWV,DWP)
Optical cover	Cover: Glass, themally hardened
Materials	Housing: High pressure die-cast aluminum (ADC1)
Color	Gray (RAL 7040); other upon request
Maintenance	Tool-less access for installation / Side EntryØ42-60mm
System Support	 Cabinet-based group management  Interact Ready or Socket-based luminaries

Ordering guide

Mid-power LED's platform options	High-power LED's platform options
BRP381 LED71/WW 55W 220-240V DM PSR	BRP381 LED45/NW 35W 220-240V DME PSR
BRP381 LED75/NW 55W 220-240V DM PSR	BRP381 LED56/NW 45W 220-240V DME PSR
BRP381 LED83/WW 60W 220-240V DM PSR	BRP381 LED67/NW 50W 220-240V DME PSR
BRP381 LED94/WW 70W 220-240V DM PSR	BRP381 LED78/NW 60W 220-240V DME PSR
BRP381 LED116/WW 85W 220-240V DM PSR	BRP381 LED89/NW 70W 220-240V DME PSR
BRP381 LED127/WW 95W 220-240V DM PSR	BRP381 LED100/NW 80W 220-240V DME PSR
BRP381 LED138/WW 105W 220-240V DM PSR	BRP381 LED111/NW 90W 220-240V DME PSR
BRP382 LED162/WW 120W 220-240V DM PSR	BRP381 LED122/NW 90W 220-240V DME PSR

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Mid-power LED's platform options	High-power LED's platform options
BRP382 LED172/WW 130W 220-240V DM PSR	BRP381 LED132/ NW 100W 220-240V DME PSR
BRP382 LED184/WW 140W 220-240V DM PSR	BRP382 LED143/NW 110W 220-240V DME PSR
BRP382L LED198/WW 150W 220-240V DM PSR	BRP382 LED154/NW 120W 220-240V DME PSR
BRP382L LED261/WW 200W 220-240V DM PSRD	BRP382 LED164/NW 130W 220-240V DME PSR
BRP382L LED285/WW 220W 220-240V DM PSRD	BRP382 LED174/NW 130W 220-240V DME PSR
BRP383 LED300/WW 225W 220-240V DM PSR	BRP383 LED188/NW 140W 220-240V DME PSR
BRP383 LED311/WW 235W 220-240V DM PSR	BRP383 LED199/NW 150W 220-240V DME PSR
BRP383 LED322/WW 240W 220-240V DM PSR	BRP383 LED210/NW 160W 220-240V DME PSR
BRP383 LED346/WW 260W 220-240V DM PSR	BRP383 LED220/NW 170W 220-240V DME PSR
BRP383 LED356/WW 270W 220-240V DM PSR	BRP383 LED231/NW 180W 220-240V DME PSR
BRP383 LED368/WW 280W 220-240V DM PSR	BRP383 LED241/NW 190W 220-240V DME PSR
BRP384 LED476/WW 350W 220-240V DW1 PSR	BRP383 LED262/NW 200W 220-240V DME PSR
BRP381 LED87/NW 60W 220-240V DM PSR	BRP383 LED274/NW 210W 220-240V DME PSR
BRP381 LED99/NW 70W 220-240V DM PSR	BRP383 LED283/NW 220W 220-240V DME PSR
BRP381 LED122/NW 85W 220-240V DM PSR	BRP383 LED302/NW 240W 220-240V DME PSR
BRP381 LED133/NW 95W 220-240V DM PSR	BRP383 LED311/NW 240W 220-240V DME PSR
BRP381 LED145/NW 105W 220-240V DM PSR	BRP383 LED320/NW 250W 220-240V DME PSR
BRP382 LED170/NW 120W 220-240V DM PSR	BRP383 LED272/NW 210W 220-240V DME PSR
BRP382 LED181/NW 130W 220-240V DM PSR	BRP383 LED282/NW 220W 220-240V DME PSR
BRP382 LED193/NW 140W 220-240V DM PSR	BRP383 LED293/NW 230W 220-240V DME PSR
BRP382L LED209/NW 150W 220-240V DM PSR	BRP383 LED302/NW 240W 220-240V DME PSR
BRP382L LED278/NW 200W 220-240V DM PSRD	BRP383 LED312/NW 240W 220-240V DME PSR
BRP382L LED302/NW 220W 220-240V DM PSRD	BRP383 LED322/NW 250W 220-240V DME PSR
BRP383 LED315/NW 225W 220-240V DM PSR	BRP383 LED332/NW 260W 220-240V DME PSR
BRP383 LED326/NW 235W 220-240V DM PSR	BRP383 LED342/NW 270W 220-240V DME PSR
BRP383 LED338/NW 240W 220-240V DM PSR	
BRP383 LED363/NW 260W 220-240V DM PSR	
BRP383 LED374/NW 270W 220-240V DM PSR	
BRP383 LED386/NW 280W 220-240V DM PSR	
BRP384 LED489/NW 350W 220-240V DW1 PSR	

LiteMagic RoadFlair Pro BRP699

LiteMagic



Streamlined lights for brighter streets

Municipalities value energy savings more than ever, as energy price hikes put increasing pressure on budgets. Street lighting consumes substantial energy, so large-scale upgrades to energy-efficient LED street lights are essential to cities' cost-saving efforts.

upgraded to minimize costs while maximizing efficacy, safety, and functionality. And the best part — RoadFlair Pro offers streamlined design, so it maintains an attractive aesthetic on city streets.

These street lights not only look good, they also offer excellent performance. Future-proof technology combines with high efficacy, innovative design, and smart connectivity in a light that makes your streets look brighter and better.

Product features

Appealing and sustainable design

Inspired by streamlined automobile design.

3D ventilation and cleaning system.

Sustainable design with zero negative environmental impact (during production and product lifetime).

High efficacy

160 lm/W (4000 K CCT up to 300 W).

195 - 200 lm/W (4000 K CCT up to 100 W).

Increased energy efficiency reduces carbon footprint.

World-class photometric design

Optimized efficiency and light pattern control.

20% higher light utility*.

Unique glare ring design.

Durable outdoor lens material for consistent photometric performance.

Connected and system-ready

NEMA 7-pin socket on top

SR socket on bottom

Zhaga-D4i compliant

Smart and system-ready for energy savings and asset management.

Higher durability and reliability

Product prioritizes safety and quality.

One-piece spigot design for optimal strength.

Efficient, tool-free gearbox opening and SPD maintenance.

Main Applications

- Lighting for residential and connecting roads
- Uniform expressway lighting
- Lighting for urban roads and parking lots
- Lighting for suburban roads and pathways



Technical Parameters

RoadFlair Pro BRP59X	
LED Type	5050
Flux packages (lm)	up to 48900
System wattage	up to 300W
CCT/color	3000K / 4000K
Other CCT options	5700K / 2200K / 2700K
CRI	70 (typ.)
System efficacy (typical@4000K)	160lm/W / 195-200lm/W (up to 100W)
Target light distribution	DM / DM1 / DW2 / DWV / DWP / DWP3
Surge Protection device (SPD)	10kV / 15kV
Protection class IEC	Safety class I or Safety class II
Lifetime	100k hrs L80B50 @35C Outdoor
Operation temperature	- 40°C < Ta < 50°C
IP	IP66
IK	IK08
Mounting	Side entry 42~60mm with optional adjustable spigot
Material	Die-casting Aluminum and PC
Maintenance	Toolless open for Gear Box and toolless maintenance for SPD
Control interface	Analog (1-10V), StepDim, DALI, SR
System interface	NEMA 7-pin socket at top / ZD4i SR socket at bottom
Approbation	CB / CE / CQC/ RCM / ZD4i
Specifications	
Housing	Small - BRP591, Medium - BRP592, Mid-large - BRP593, Large - BRP594, Extra-large - BRP595
CCT	Neutral White 4000K, Warm White 3000K, Cool White 5700K, 2700K CRI 70, 2200K CRI 70
Insulation	Class I, Class II
Lighting control	1-10V, StepDim, DALI 2.0, DynaDim, Coded Mains, SR/D4i
Interface	NEMA 7-pin socket, SR socket

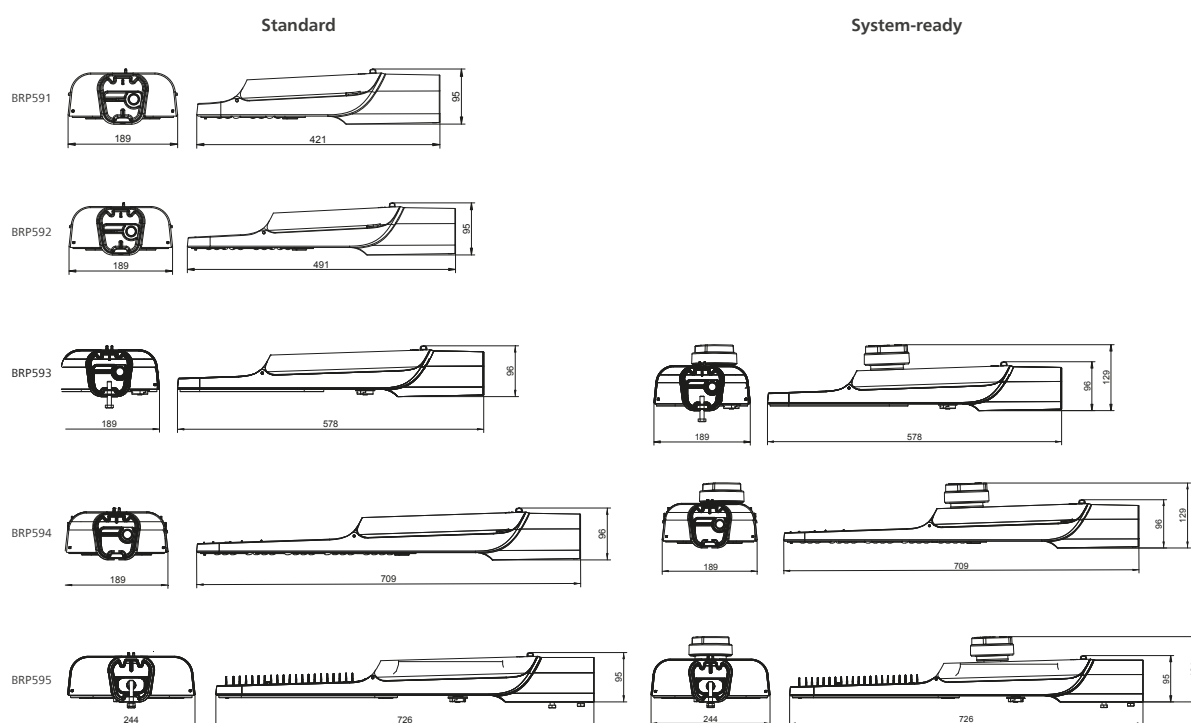
Outdoor

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Flux (lm/w)	Power (W)	Power (W)	Efficacy (lm/W)	Weight (kg)	L*W*H (mm)
BRP591 LED 116/NW 70W DM PSA GM	11600	70	70		≈3.7	423*189*95
BRP591 LED130/NW 80W DM PSA GM	13000	80	80		≈3.7	423*189*95
BRP591 LED143/NW 90W DM PSR GM	14300	90	90		≈3.7	423*189*95
BRP592 LED167/NW 100W DM PSA GM	16700	100	100		≈3.8	493*189*95
BRP592 LED 195/NW 120W DM PSA GM	19500	120	120		≈3.8	493*189*95
BRP592 LED203/NW 130W DM PSR GM	20300	130	130		≈3.8	493*189*95
BRP593 LED229/NW 140W DM PSA GM	22900	140	140		≈3.9	578*189*96
BRP593 LED245/NW 150W DM PSR GM	24500	150	150		≈3.9	578*189*96
BRP594 LED301/NW 180W DM PSA GM	30100	180	180		≈4.4	709*189*96
BRP594 LED329/NW 200W DM PSA GM	32900	200	200		≈4.4	709*189*96
BRP594 LED356/NW 220W DM PSA GM	35600	220	220	160	≈4.4	709*189*96
BRP594 LED392/NW 240W DM PSA GM	39200	240	240		≈4.4	709*189*96
BRP595 LED403/NW 250W DM PSA GM	40300	250	250		≈6.8	726*244*95
BRP595 LED432/NW 260W DM PSA GM	43200	260	260		≈6.8	726*244*95
BRP595 LED459/NW 280W DM PSA GM	45900	280	280		≈6.8	726*244*95
BRP595 LED489/NW 300W DM PSR GM	48900	300	300		≈6.8	726*244*95
BRP593 LED242/NW 150W DM PSA P7 GM	24200	150	150		≈3.9	578*189*129
BRP594 LED392/NW 240W DM PSA P7 GM	39200	240	240		≈4.4	709*189*129
BRP595 LED485/NW 300W DM PSA P7 GM	48500	300	300		≈6.8	726*244*134
BRP593 LED244/NW 150W DM SR P7T SRB GM	24400	150	150		≈3.9	578*189*129
BRP595 LED489/NW 300W DM SR P7T SRB GM	48900	300	300		≈6.8	726*244*134
BRP595 LED130/NW 65W DW2 PSRD 05	13000	65	65	200	≈6.8	726*244*95
BRP595 LED195/NW 100W DW2 PSRD 05	19500	100	100	195	≈6.8	726*244*95

Dimensional drawings





Outdoor

RoadFlair gen2 BRP491/492/493/494



PHILIPS



BRP494



BRP491

BRP492

BRP493

Intelligent Upgrade, Aesthetic Choice LED Street Lamp

RoadFlair's second generation of newly designed road lighting products will satisfy customers' comprehensive needs, including high lumen efficiency for energy saving and sustainable development, aesthetically designed beautiful shape and appearance, reliable and long life material and component product quality to meet various application roads, optical dimming and system control interface for improving municipal business and providing new features. The competitive pricing of RoadFlair Gen2 will help accelerate the transition of road lighting to LED, creating a more sustainable society and smarter cities.

Product features

Simple maintenance and repair

The lamp structure can be easily installed and the surge protector and drive can be easily replaced

Reliability

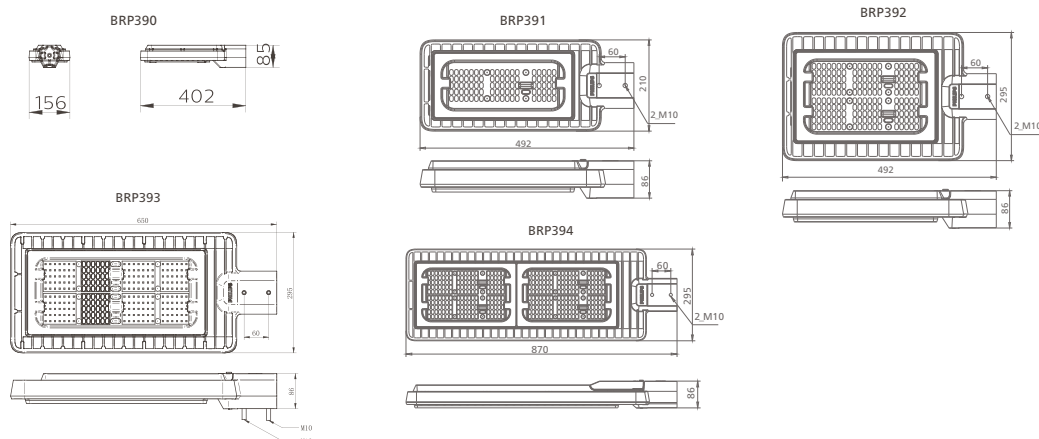
High quality components and professional design are used

Considerable energy saving

High system efficiency

Connected to intelligent system

Interact-preparation system can be subsequently connected to intelligent IoT system



Outdoor

Main Applications

- The BRP39x series LED street lamp products are suitable for expressways, elevated roads/ expressways, urban trunk roads, industrial park roads, commercial district roads, and residential area roads.



Technical Parameters

Product Series	BRP390 / BRP391 / BRP392 / BRP393 / BRP394
Shell	High-pressure cast aluminum (ADC1 aluminum, 500-hour salt spray resistant)
Color Temperature	3000K/4000K
Color Rendering	min. 70
Color Tolerance	5 SDCM
Lens	Special lenses suitable for Chinese roads
Power Output	30W to 320W, with an interval of 10W
Lumen Output	BRP391 max. 9600 lm / BRP392 max. 22400 lm / BRP393 max. 32300 lm / BRP394 max. 45000 lm
Input Voltage	220V-240V 50/60hz
Power Factor	>=0.95
System Efficiency (Typical Value)*	3000K : 135lm/w (typical value); 4000K: 140lm/w (typical value)*
Service Life Operating Temperature	Ta=35°C; 100K hours; 70% lumen maintenance rate
Protection Grade	IP66 (without glue); IK08
Installation Method	Side-mounting, suitable for pole diameter of Ø48-60mm
Surge Protection	10kV/15kV, tool-free opening cavity
Control (Non-Standard Customization)	1-10v; Dali; Amplight Control Interface; CityTouch ex NB-lot/GPRS
Weight	BRP390: 3.5Kg / BRP391: 5Kg / BRP392: 7Kg / BRP393: 8Kg / BRP394: 10Kg
Compliance With Certification	CQC, CB, RoHS, CE/ADQCC (the drive has obtained CCC compulsory certification)

*Lower tolerance limit - 5%

Outdoor



Outdoor

Tunnel Lighting

Compare the features of our selection of tunnel lighting luminaires, ranked from the simplest to the most advanced solution.



Outdoor

Portfolio Summary

TubePoint Gen2



- TubePoint GEN2 has been specially designed for tunnel lighting applications.
- A complete range of optics is available to cover a broad spectrum of tunnel applications, ensuring outstanding quality of light.
- Available in four sizes, giving maximum flexibility in each application.
- Flexible mounting options for cable tray, wall and ceiling mounting add to the overall customizable design that ensures your specific preferences are fully met.

TunLite Gen2



- For projects where low initial investment is most important, TunLite LED GEN2 offers a competitive solution.
- The monoshape design with integrated drivers and a limited range of options, make the TunLite LED GEN2 a very cost effective solution.

FlowBase G1 BWP352 G1



- Significant energy savings and installation cost reduction.
- The world's high-quality LED, power supply and surge protector components are used to ensure no early failure.
- The mounting bracket can be adjusted by $\pm 60^\circ$, and the installation is flexible and convenient DALI and 1-10V interfaces are reserved to facilitate cooperation with the control system.

FlowBase G2 BWP352 G2



- High specification Philips Xitanium IP67 drive
- Standard 1-10V dimming
- $\pm 60^\circ$ Angle adjustment, flexible installation
- Luminous efficacy of 140lm/W
- The shell is made of ADC1 high quality aluminium alloy with very low copper content
- Equipped with breathing parts to prevent water vapor accumulation
- Various specifications suitable for a variety of application scenarios

SmartBright LED Tunnel BWP150



- High efficiency and energy saving; lower installation cost.
- The mounting bracket can be adjusted by $\pm 60^\circ$ degrees, providing flexible options for field installation and can be fully adapted to different tunnel applications.

LineBase BGP47X



- More than 50% energy saving than fluorescent tunnel luminaire.
- Standard color temperature: 4000K Customizable: 3000K, 5700K.
- Diverse lumen packaging suitable for a variety of application scenarios

Service life	System flux	Efficiency	CEE	CRI	Light Pollution	Connectivity	Standard warranty
100.000 hours	S BGP235 : Upto 24 000 lm M BGP236 : Upto 48 000 lm L BGP237: Upto 64 000 lm	> 130 lm/W	Eligible according to version	CRI > 70	Compliance with decree according to versions	DALI, Coded Mains, Philips TunneLogic & BaseLogic	5 Years
100.000 hours	S BGP285 : Upto 14 000 lm M BGP286 : Upto 28 000 lm L BGP287: Upto 52 000 lm	> 130 lm/W	Eligible according to version	CRI > 70	Compliance with decree according to versions	DALI, Coded Mains, Philips TunneLogic & BaseLogic	5 Years
50 000 h L70B50	Upto 30 360 lm	Upto 130 lm/W	Eligible according to version	CRI 75	Compliance with decree according to versions	DALI, 1-10V, Philips TunneLogic & BaseLogic	5 Years
55 000 h L70B50	Upto 32 000 lm	Upto 140 lm/W	Eligible according to version	CRI 70	Compliance with decree according to versions	1-10V	5 Years
30 000 h L70B50	3360- 3600lm 4360- 4560lm	Upto 140lm/W	Eligible according to version	CRI 70	Compliance with decree according to versions	1-10V	3 Years
50 000 h L70B50	S BGP470: Upto 3600lm M BGP471 : Upto 5400lm L BGP472: Upto 7200lm	Upto 120lm/W	Eligible according to version	CRI >= 80	Compliance with decree according to versions	1-10V	5 Years

TubePoint GEN2

PHILIPS



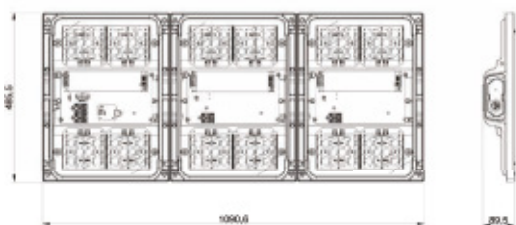
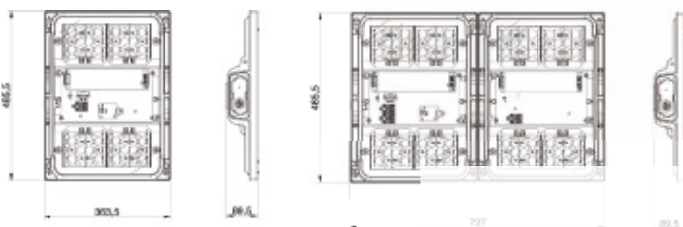
TubePoint GEN2 Small BGP235



TubePoint GEN2 Medium BGP236



TubePoint GEN2 Large BGP237



Versatile yet high performance and longlasting tunnel lighting

TubePoint GEN2 has been specially designed for tunnel lighting applications. This complete, modular solution comes in a universal design and with a wide range of optics. Delivering high quality light, TubePoint GEN2 ensures a comfortable driving experience. It also provides all the benefits of LED technology – energy savings, long lifetime, low maintenance and digital connectivity options – and is thus a future-proof investment for tunnels and underpasses.

Product features

Wide range of optics

TubePoint GEN2 comes with lumen packages varying from 3 kLm to 61 kLm. A complete range of optics is available to cover a broad spectrum of tunnel applications, ensuring outstanding quality of light.

High level of flexibility

The TubePoint GEN2 range offers different lumen packages for entrance, exit and interior point source lighting, and also meets the special needs of traffic underpasses. There are four sizes to choose from, giving maximum flexibility in each application.

Performance combined with efficiency

The affordability of LED, combined with TubePoint GEN2's high lumen per watt at system level, leads to a favorable Return on Investment (ROI) and system energy savings of up to 80% compared to old, conventional lighting.

Easy to install

Thanks to its low weight, quick mounting brackets and plug and play connectivity, TubePoint GEN2 can be installed in a minimum of time. Installation time and effort is further reduced by optional through wiring. Flexible mounting options for cable tray, wall and ceiling mounting add to the overall customizable design that ensures your specific preferences are fully met.

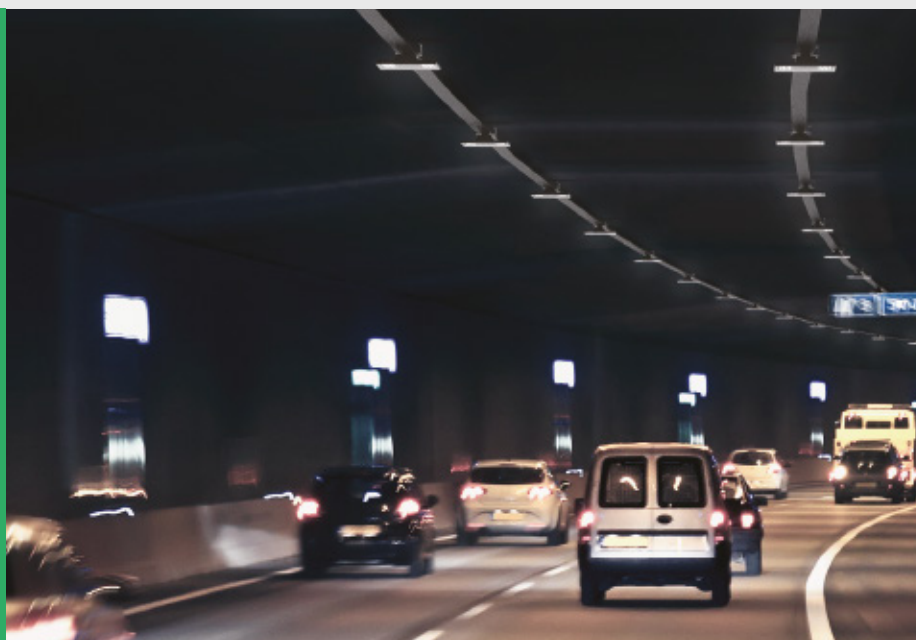
Future-proof investment

TubePoint GEN2 is also offered as part of the TotalTunnel program, Philips' holistic approach to tunnel lighting. This intelligent and integrated approach, which offers benefits for owners, operators and tunnel users, makes investments in tunnel lighting truly future-proof.

Outdoor

Main Applications

- Traffic tunnels
- Underpasses



Technical Parameters

Name	Luminaire specifications
Product Family Code (PFC)	Small BGP235, Medium BGP236, Large BGP237
Range: LED lumens (#7%) /	Small BGP235 => Max. 24klm (155W)
Total system watt (#11%)	Medium BGP236 => Max. 48klm (310W)
Max Tamb 45C	Large BGP237 => Max. 64klm (385W) Option Large BGP237 T amb 50C => Max 54klm (320W) Option Large BGP237 T amb 40C => Max 74klm (460W)
Luminaire/system efficacy	> 130Lm/W
CCT	4000 K (NW) or 5700 K (CW)
CRI	CRI > 70
Initial Tolerances on CCT	5 step MacAdam
Inrush current	See datasheet drivers (Xi-FP-40W, Xi-FP-75W, Xi-FP-150W)
Life time expectancy	Min L80B10 = 100.000 hours (See LPT for value per type) Driver: 100,000 hrs at failure rate of 10%
Light distributions / optics	Large range of tunnel lighting distributions: Counterbeam, symmetrical and asymmetrical Optic lenses behind glass cover. Optic material: plastic (PC)
Operating temperature range	-30 to +45°C
Safety class	Class I or Class II
IK	1K08
Degree of protection	IP66
System surge protection	Standard 6kV with option for 10kV
Material / Finishing	Housing : Die-cast aluminum (LM6) with powder coat finish Color: Grey (RAL 7035) or Philips Ultra Grey (RAL10714) Optic cover: Tempered flat glass 5mm thick Brackets of stainless steell (AISI304). Bracket are separated from the aluminum housing by isolation pads
Size Luminaire (mm) excluding brackets (Lx WxH)	Small BGP235: 363x485x89 Medium BGP236: 727x485x89 Large BGP237: 1090x485x89
Weight excl. brackets (kg)	Small BGP235: 7 Kg Medium BGP236: 14 Kg Large BGP237: 21 Kg
Electrical connection	Flying lead options: cable IN with or without plug (Wieland, Gewiss IEC309) Socket options: Power-IN/OUT&DALI IN/OUT or Power+Control-IN/OUT Gland options: Power-IN/OUT&DALI IN/OUT or Power+Control-IN/OUT
Control	DALI control (D9) or Coded mains control (D28)
Cable type:	LSOH, Fire resistant or Fire retardent

Technical Parameters

Name	Luminaire specifications
Options	Constant Light Output (CLO) Marine salt protected coating (MSP) in stead of single layer protection Metal cable gland instead of polyamide Gland (PA)
Luminaire mounting	Basic mounting points (M6) for other brackets (BA) Ceiling mounting bracket (MB) Quick release bracket (for cable tray 100, 200 or 300mm wide and 75mm high): MBQ-S, MBQ-M and MBQ-L Quick release bracket adjustable (for cable tray 100, 200 or 300mm wide and 75mm high): MBQA-S, MBQA-M and MBQA-L Adjustable Wall mounting bracket 0 to 90° (MBA)
Certification / Listing	CE, ENEC Corrosion resistance: Salt Spray test 500h (standard coating) or 1000h (Marine Salt Protection)
Packaging	Carton box or multipack

Approval and Application

Full Product Name	Mech. impact protection code
BGP285 LED140/740 DM12 ALU D9 SRG C1KC5	IK08
BGP286 LED280/740 DM12 ALU D9 SRG C1KC5	IK08
BGP287 LED380/740 DM12 ALU D9 SRG C1KC5	IK09
BGP287 LED520/740 DM12 ALU D9 SRG C1KC5	IK09



Outdoor

TunLite LED GEN2



Cost-effective solution for tunnel and underpass lighting

For projects where low initial investment is most important, TunLite LED GEN2 offers a competitive solution. The monoshape design with integrated drivers and a limited range of options, make the TunLite LED GEN2 a very cost effective solution.

Product features

- Low investment level
- Reliable quality to ensure long lifetime
- Energy efficient, system efficacy over 130 Lm/W
- Basic optic range for most tunnel geometries
- Philips-branded



TUNLITE LED GEN2 MEDIUM - LED module 14000 lm - LED - Power supply unit with DALI interface - Distribution medium 12 - Flat glass - 88° x 157° - DALI - Mounting bracket adjustable



TUNLITE LED GEN2 XLARGE - LED module 38000 lm - LED - Power supply unit with DALI interface - Distribution medium 12 - Flat glass - 88° x 157° - DALI - Mounting bracket adjustable



TUNLITE LED GEN2 LARGE - LED module 28000 lm - LED - Power supply unit with DALI interface - Distribution medium 12 - Flat glass - 88° x 157° - DALI - Mounting bracket adjustable



BGP287_TunLite LED Gen2_Xlarge



BGP285_TunLite LED Gen2_Medium



BGP286_TunLite LED Gen2_Large

Outdoor

Main Applications

- Traffic tunnels
- Underpasses



Technical Parameters

Topic	Provisional TunLite LED gen2 Datasheet (Rev0)
Name	TunLite LED gen2
Product Family Code (PFC)	BGP285 TunLite LED gen2 Medium BGP286 TunLite LED gen2 Large BGP287 TunLite LED gen2 XLarge
Range: LED lumens ($\pm 7\%$) /	BGP285 LED140 => Max. 14klm (87W) (40LEDs)
Total system watt ($\pm 11\%$)	BGP286 LED280 => Max. 28 kLm (174W) (80LEDs)
Max T amb 50C*	BGP287 LED420 => Max. 42kLm (260W) (120LEDs) BGP287 LED520 => Max. 52 kLm (315W) (160LEDs)
Luminaire system efficacy	> 130Lm/W (higher values depending on optic choice)
CCT	4000K (NW)
CRI	CRI > 70
Initial Tolerances on CCT	5 step MacAdam
Inrush current	See datasheet drivers (Xi-FP-150W) BGP285: 1 x 150W driver BGP286: 2 x 150W driver BGP287: 2 x 150W driver
Life time expectancy	Min L95 = 100.000 hours (See LPT for accurate value per type) Driver: 100.000 hrs at failure rate of < 10%
Light distributions / optics	DSM12, DTX1-BLTW, DTX1, DSM32, DSM11, DM12, DM35, DW10, DSM35 Optic lenses behind glass cover
Operating temperature range	-40 to +50°C (Note: XLarge version has NTC)
Safety class	Class I
IK	IK08 (IK09 for XLarge version)
Degree of protection	IP66
System surge protection	6kV (10kV with SPD optional) Housing : Die-cast aluminum (AC47100)
Material / Finishing	Color: Grey (RAL 9007) Optic cover: 5mm Tempered flat glass with screening print

Technical Parameters

Topic	Provisional TunLite LED gen2 Datasheet (Rev0)
Size Luminaire (mm) Including brackets (L x W x H)	BGP285 (medium): 380 x 357 x 149 mm BGP286 (Large): 380 x 460 x 149 mm BGP287 (XLarge): 559 x 540 x 158 mm
Weight excl. brackets (kg)	BGP285 (medium): 5 kg BGP286 (Large): 7,5 kg BGP287 (XLarge): 17 kg
Electrical connection	Flying lead with 5 Pole techno connector (N, L, GND and DALI +/-)
Control	DALI control (D9)
Cable type	Cable type H07RN (5 x 1,5mm2)
Luminaire mounting	Quick release bracket (MBQ) for 75x300mm cable tray, steel galvanized. Optional U shape floodlight bracket * (* Medium/Large: Aluminum painted, XLarge: galvanized steel)
Certification / Listing	CE, ENEC and ENEC+ Corrosion resistance: Salt Spray test 500h (Single layer protection) or 1000h (Marine Salt Protection)
Packaging	Carton box or multipack
Maximum dim level	10%
Surge Protection (Common/ Differential)	Surge protection level until 10 kV
Dimmable	Yes
Luminaire light beam spread	88° x 157°
CE mark	CE mark
Light source color	740 neutral white
Optical cover/lens type	Flat glass
Driver included	Yes
Optic type	Distribution medium 12
Service tag	Yes
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	0
Color	Aluminum

Approval and application

Full Product Name	Mech. impact protection code
BGP285 LED140/740 DM12 ALU D9 SRG C1KC5	IK08
BGP286 LED280/740 DM12 ALU D9 SRG C1KC5	IK08
BGP287 LED380/740 DM12 ALU D9 SRG C1KC5	IK09
BGP287 LED520/740 DM12 ALU D9 SRG C1KC5	IK09

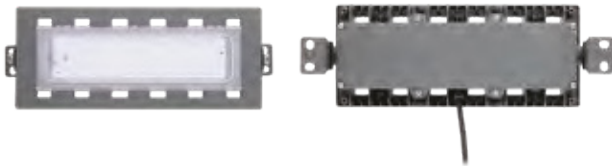
Product information

Comprehensive selection of product codes available, contact Signify Middle East.

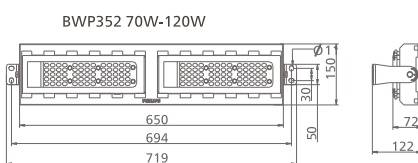
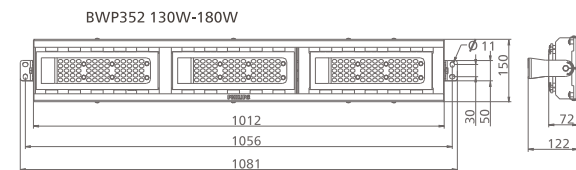
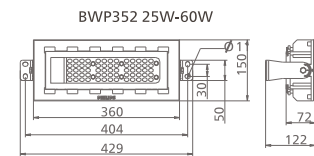
Product model	Flammability mark	Lamp family code	Initial luminous flux	Light source replaceable	Number of gear units
BGP285 LED140/740 DM12 ALU D9 SRG C1KC5	For mounting on normally flammable surfaces	LED140	11620 lm	No	1 unit
BGP286 LED280/740 DM12 ALU D9 SRG C1KC5	For mounting on normally flammable surfaces	LED280	23240 lm	No	2 unit
BGP287 LED380/740 DM12 ALU D9 SRG C1KC5	For mounting on normally flammable surfaces	LED380	33060 lm	Yes	2 unit
BGP287 LED520/740 DM12 ALU D9 SRG C1KC5	For mounting on normally flammable surfaces	LED520	44200 lm	Yes	2 unit



PHILIPS



Unit: mm



LED Tunnel Lighting

Philips BWP352 LED tunnel luminaire is designed specifically for the characteristics of tunnels in China, and through four different sizes of shells can output power of 25-240W, meeting the requirements of most tunnel lighting. The newly developed city elevated road is equipped with optical lenses, which enables BWP352 to cover the road lighting applications of the city elevated road.

Product features

Advanced light distribution design

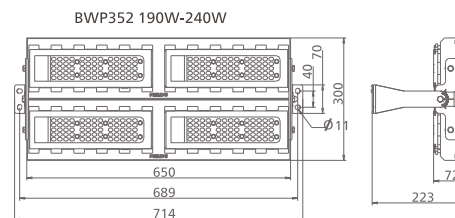
- Significant energy savings
- Significant installation cost reduction

Excellent reliability

- High-pressure cast aluminum shell design brings high shell strength and durability
- Excellent heat dissipation design greatly reduces the occurrence of early light decay
- The world's high-quality LED, power supply and surge protector components are used to ensure no early failure

Convenient installation and flexible control

- The mounting bracket can be adjusted by $\pm 60^\circ$, and the installation is flexible and convenient
- DALI and 1-10V interfaces are reserved to facilitate cooperation with the control system
- The new Baselogic compatible version of Philips tunnel lighting intelligent control system was launched



Outdoor

Main Applications

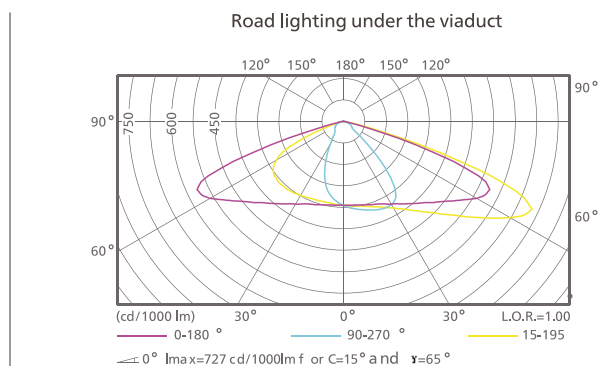
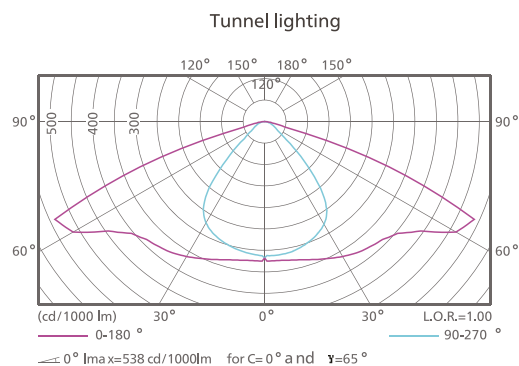
- Applicable to all kinds of tunnel lighting and urban elevated road lighting



Technical Parameters

Product Series	BWP352
Power	25-240w
System Efficiency	120~130 lm/w (typical value+/- 5%)
Color Temperature	4000K (ANSI standard)
CRI	75 (typical value) ± 5
Optical	Dedicated tunnel lamp lens Dedicated road lamp lens
Power Requirements	220—240V 50Hz/60Hz
Installation Method	Wall installation ± 60°; Ceiling installation
Weight KG	Max 60w=3.5; Max 120w= 4.5; Max 180w =8.5; Max 240w =9.5
Material and Process	High pressure cast aluminum; PC lens; RAL7043
Service life	50000 hours (70% lumen maintenance rate @ Ta=35)
Control Interface (Non-standard Customization)	1-10v; Dali; Amplight; Coded Mains (BaseLogic control interface)
Grade	IP66/IK08 Ta=35 °C

Light Distribution Curve



Outdoor

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Tunnel Lamp Light Distribution Product Model

BWP352 LED29/NW 25W 220-240V DM2 MP1
BWP352 LED33/NW 30W 220-240V DM2 MP1
BWP352 LED44/NW 40W 220-240V DM2 MP1
BWP352 LED65/NW 60W 220-240V DM2 MP1
BWP352 LED82/NW 70W 220-240V DM2 MP1
BWP352 LED91/NW 80W 220-240V DM2 MP1
BWP352 LED101/NW 90W 220-240V DM2 MP1
BWP352 LED110/NW 100W 220-240V DM2 MP1
BWP352 LED129/NW 120W 220-240V DM2 MP1
BWP352 LED166/NW 150W 220-240V DM2 MP1
BWP352 LED194/NW 180W 220-240V DM2 MP1
BWP352 LED257/NW 240W 220-240V DM2 MP1

Street Lamp Light Distribution Product Model

BWP352 LED66/WW 60W 220-240V DM MP1 R
BWP352 LED132/WW 120W 220-240V DM MP1 R
BWP352 LED198/WW 180W 220-240V DM MP1 R
BWP352 LED264/WW 240W 220-240V DM MP1 R
BWP352 LED69/NW 60W 220-240V DM MP1 R
BWP352 LED138/NW 120W 220-240V DM MP1 R
BWP352 LED207/NW 180W 220-240V DM MP1 R
BWP352 LED276/NW 240W 220-240V DM MP1 R

Baselogic Ready Tunnel Lamp Light Distribution Product Model

BWP352 LED48/NW 40W DM2 MP1 BSL
BWP352 LED69/NW 60W DM2 MP1 BSL
BWP352 LED138/NW 120W DM2 MP1 BSL
BWP352 LED208/NW 180W DM2 MP1 BSL
BWP352 LED277/NW 240W DM2 MP1 BSL



Outdoor

FlowBase G2 BWP352

PHILIPS

LED Tunnel Lighting

Ensuring safe and good visibility lighting design is a key factor to the success of any tunnel project. Philips Flow-Base G2 combines compact design, reliability and affordability to offer the perfect lighting solution for any tunnel application.

Product features

- High specification Philips Xitanium IP67 drive
- Standard 1-10V dimming
- +/-60 Angle adjustment, flexible installation
- High light effect 140lm/W
- The shell is made of ADC1 high quality aluminium alloy with very low copper content
- Equipped with breathing parts to prevent water vapor accumulation
- Various specifications suitable for a variety of application scenarios



220W



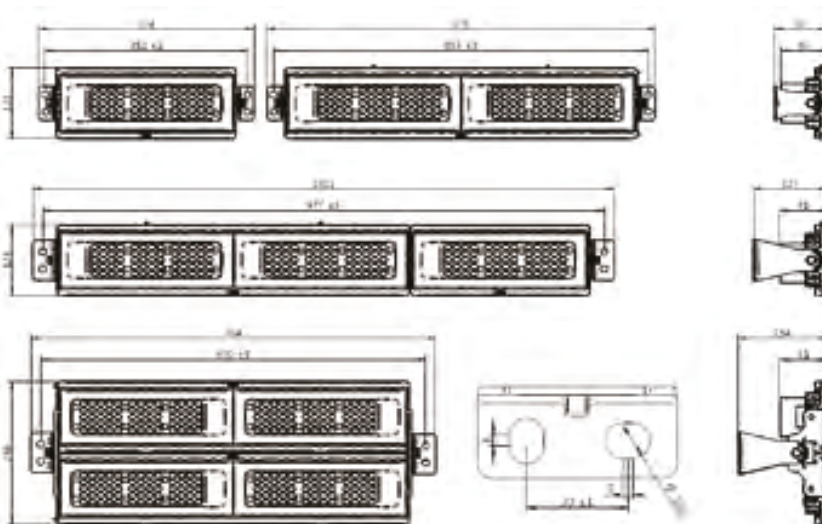
80W



120W



180W



Outdoor

Main Applications

- Applicable to all kinds of tunnel lighting and urban elevated road lighting



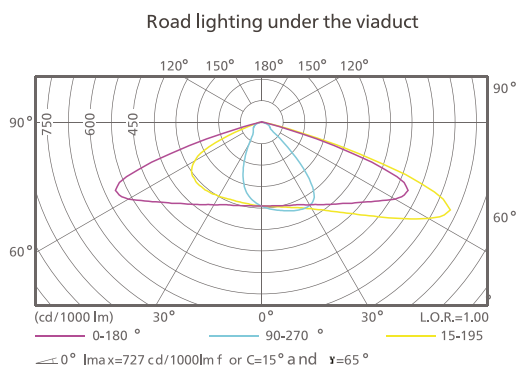
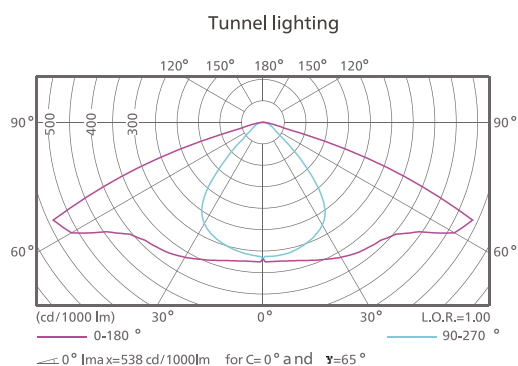
Technical Parameters

Product Series	BWP352 G2
Luminous Flux (lm)	Up to 32K lumens
CCT/Color *	4000K, 3000K (ETO)
CRI	70
System Efficiency (Typical Value)**	140lm/W
System Power	60W/120W/180W/220W
SDCM	<=5
Light Distribution	DM2, DTXB, DW1 (ETO)
Optical Lens	Anti-yellowing and UV-resistant PC lenses
Input Voltage	220-240V, 50/60Hz
Power Factor	>0.9
Drive	With standard 1-10V drive
Surge Protection	6KV/10KV
Maintainable Electronic Components	Drive
Luminaire Life	55K hours (L70B50 @35°C)
Operating Temperature	Outdoor: - 40°C < Ta < 55°C
IP	IP66
IK	IK08 (high pressure cast aluminum shell)
Installation	Bracket: Adjustable - 60~+60
Shell Material	High pressure cast aluminum, ADC1
Color/coating	RAL7043, 500-hour salt spray coating (high pressure cast aluminum shell)
Weight	2kg / 3kg / 5kg / 6kg
Certification	CQC/CB/CE
Sustainability	RoHS

* Initial CCT value, according to ANSI C78.377-2008

**Lower limit - 5%

Light Distribution Curve



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model

BWP352 LED57/NW 40W 220-240V DM2 G2

BWP352 LED70/NW 50W 220-240V DM2 G2

BWP352 LED84/NW 60W 220-240V DM2 G2

BWP352 LED104/NW 70W 220-240V DM2 G2

BWP352 LED116/NW 80W 220-240V DM2 G2

BWP352 LED130/NW 90W 220-240V DM2 G2

BWP352 LED139/NW 100W 220-240V DM2 G2

BWP352 LED152/NW 110W 220-240V DM2 G2

BWP352 LED162/NW 120W 220-240V DM2 G2

BWP352 LED212/NW 150W 220-240V DM2 G2

BWP352 LED245/NW 180W 220-240V DM2 G2

BWP352 LED289/NW 200W 220-240V DM2 G2

Product Model

BWP352 LED316/NW 220W 220-240V DM2 G2

BWP352 LED84/NW 60W 220-240V DTXB G2

BWP352 LED162/NW 120W 220-240V DTXB G2

BWP352 LED245/NW 180W 220-240V DTXB G2

BWP352 LED316/NW 220W 220-240V DTXB G2



Outdoor

SmartBright LED Tunnel

PHILIPS



LED Tunnel Lamp Tunnel Lighting

Philips BWP150 LED entry-level LED tunnel light, cost-effective, economical and reliable. 30W/40W shared shell, with the same appearance, replacing the basic section of 70W traditional light source tunnel lamp. It is mainly used for road and floodlight applications in areas such as expressway tunnels, urban tunnels, and underground passageways.

Product features

High Quality Light Distribution

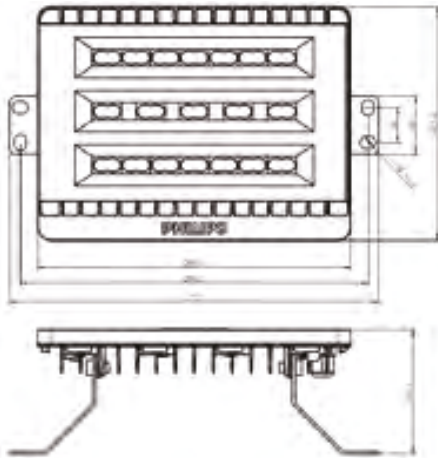
High efficiency and energy saving; lower installation cost. The lens and the shell are fastened with the shell through buckles without screws, thus ensuring that the lens should not be deformed to ensure the quality of light distribution

Reliable Performance

The high pressure aluminum casting design brings extremely high shell strength and durability
Excellent heat dissipation design greatly reduces the occurrence of early light attenuation
Using excellent LED, power supply and surge protector components to ensure no early failure

Convenient Installation

The mounting bracket can be adjusted by ± 60 degrees, providing flexible options for field installation and can be fully adapted to different tunnel applications



Outdoor

Description	Weight(kg)	Dimension (mm)
BWP15z0 LED33/NW 30W 22 0- 240V SWB		
BWP150 LED44/NW 40W 22 0- 240V SWB	1.42	268x200x144
BWP150 LED33/WW 30W 22 0- 240V SWB		
BWP150 LED44/WW 40W 22 0- 240V SWB		

Main Applications

- Suitable for road and floodlight applications in areas such as expressway tunnels, urban tunnels, and underground passages



Technical Parameters

Product Series	BWP150
Luminous Flux	3360-3600lm ; 4360-4560lm
Color Temperature	4000K / 3000K
CRI	70 (typical value)
System Light Efficiency	109-120lm/W
System Power	30W ; 40W
Customizable Color Temperature	5000K
Color Tolerance	7
Light Distribution Type	SWB
Lens Material	PC
Input Voltage	220-240V
Power Factor	50/60hz
Surge Protection	0.95
Power Wiring Type	4KV* 3-core outgoing line 0,5m3x1.0mm ²
Replaceable Parts	None
Drive Life	30k hours L70B50 @ 35C Ta outside
Luminaire Life	30k hours L70B50 @ 35C Ta outside
Warranty	3 years
Operating Temperature	-40°C-45°C
IP	IP65
IK	IK08
Salt Spray Resistance	500hrs
Material	Die casting aluminum
Installation Type	Adjustable bracket ± 60 °
Body Color	RAL7043
Product Certification	CQC
Environmental Certification	ROHS REACH
Packaging Type	Industrial packaging

Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model

BWP150 LED33/NW 30W 220240V SWB

BWP150 LED44/NW 40W 220240V SWB

BWP150 LED33/WW 30W 220240V SWB

BWP150 LED44/WW 40W 220240V SWB



Outdoor

LineBase BGP47X

PHILIPS



Linear LED Tunnel Lighting

LineBase is a breakthrough lighting fixture, especially suitable for urban tunnel, underground passage and other lighting applications. It is easy to install and provides amazing lighting effects, making it an ideal solution to replace fluorescent lighting fixtures. Thanks to LineBase's professional customized lumen output, lighting designers can have freedom in lighting design layout and make the most of design advantages. LineBase seamless installation technology creates a slim, continuous, bright, and comfortable visual effect, drastically reducing flickering. Its plug-and-play electrical connection technology and external waterproof drive greatly save the user's total cost of ownership. Adhering to Philips' high standards, LineBase provides users with high-quality, long-lasting products through a variety of safety and durability tests.

Product features

Uniform light effect

Easy to achieve continuous and uniform lighting effect

Energy-efficient

More than 50% energy saving than fluorescent tunnel luminaire

Long life

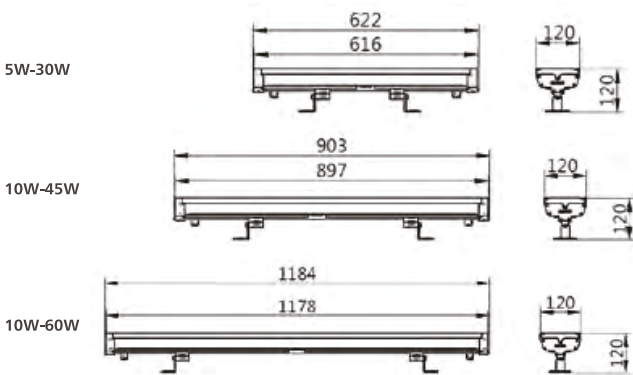
The service life reaches 50000 hours

Multiple color temperature options

Standard color temperature: 4000K Customizable: 3000K, 5700K

Multiple brightness options

Diverse lumen packaging suitable for a variety of application scenarios



Outdoor

Main Applications

- Suitable for lighting applications such as urban tunnels and underpasses



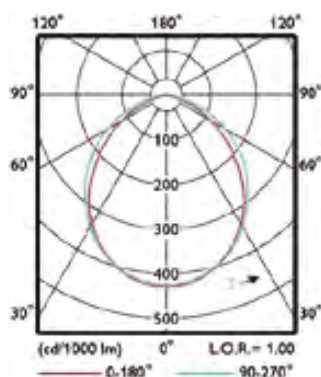
Technical Parameters

		BGP47X		
LineBase	600mm	900mm	1200mm	
	BGP470	BGP471	BGP472	
Product Name	LineBase (linear tunnel lamp)			
Product Family Code (PFC)	Small BGP470, Medium BGP471, Large BGP472			
Range: Led Lumens (± 5%)	Small BGP470 => Max. 3600lm (30W) --Min.600lm(5W)			
Total System Watt (±5%)	Medium BGP471 => Max. 5400lm (45W) --Min.900lm(7.5W)			
Max T amb 35C	Large BGP472 => Max. 7200lm (60W) --Min.1200lm(10W)			
Whole Light Effect	120lm/W-130 lm/W			
CCT	4000 K (NW)			
Life	Drive: 50,000 hours of failure rate less than 10% / 50,000 hours L70B50 Ta=50C, outdoor			
CRI	CRI ≥ 80			
CCT Initial Tolerance	5 step MacAdam			
Flashy flow	See the drive data sheet (Xi-LP-220W-IP67, 51A, 585us @230V), Xi-LP-150W-IP67, 47.2A 320us @230V) for details			
Input Voltage/Current	220-240V,50/60hz, adjustable current output			
Operating Temperature	-40°C ~ + 55°C			
Safety Class	Class I			
Full Load Power Factor	>0,95			
Surge Protection	4KV			
Main Connection Interface	IP67 Plug and socket connector, loop connection, 0.3m in Length (gland to the end of the connector)			
Optical Distribution	Wide range of tunnel light distribution: Uniform light distribution/lens: PET reflective material			
IK	IK05			
IP	IP66			
Control Mode	1-10V			
Installation	Surface mounting, end cover with connection and positioning hole			
Tilt Angle	Adjustable installation angle -60° to +60°			
Corrosion Resistance	500-hour salt spray test (standard coating)			
Electrical	External drive			
Body	Die cast aluminum (aluminum natural color)			
End Cover	Die-cast end cap with positioning groove (RAL9007)			
Optical Cover Plate	5mm thick tempered glass			
Bracket	304 stainless steel bracket			
Electrical Connections	IP67 IP67 fixed connector			

Technical Parameters

Size	L*W*H=622*120*65 (H=120, including mounting bracket.)	L*W*H=903*120*65 (H=120, including mounting bracket.)	L*W*H=1184*120*65 (H=120, including mounting bracket.)
Weight	3.0Kg	4.2Kg	5.3Kg
Sustainability (RoHS, REACH, etc)		RoHS	
Certification		CQC	
Carton	2 luminaires per box (MOQ=4), drive MOQ=2		
Open Selection	3000K optional / connection line length / anti-falling connector 1-10V to RS485 gateway (third party gateway, according to the protocol to customize the MODBUS point table)		

Light Distribution Curve



Product Information

Comprehensive selection of product codes available, contact Signify Middle East.

Product Model	Weight (kg)	Length * Width * Height (mm)
BGP470 LED6/18 NW 5/15W	3	622*120*120
BGP470 LED24/36 NW 20/30W	3	622*120*120
BGP471 LED12/24 NW 10/20W	4.2	903*120*120
BGP471 LED36/54 NW 30/45W	4.2	903*120*120
BGP472 LED12/36 NW 10/30W	5.3	1184*120*120
BGP472 LED48/72 NW 40/60W	5.3	1184*120*120
EGP472 220/60W 2/3 180W	2.2	230*69*45
EGP472 220/30W 4/7 210W	2.2	230*69*45
EGP472 220/20W 6/8 160W	2.2	230*69*45
EGP471 220/15W 8/11 165W	2.2	230*69*45
EGP472 150/10W 5/6 60W	1.6	175*69*45
EGP471 150/10W 6/8 80W	1.6	175*69*45
EGP470 150/5W 10/12 60W	1.6	175*69*45

Outdoor

Standards and Regulations



Protection against electric shock

In accordance with standard NF C 15100, electrical equipment is classified according to its protection against electric shock.

Class I equipment

Equipment in which protection against electric shock does not rely solely on the main insulation, but includes an additional safety measure in the form of means of connecting accessible conductive parts to an earthed protective conductor, forming part of the fixed wiring of the installation, in such a way that accessible conductive parts cannot become dangerous in the event of a fault in the main insulation.

Protection against direct contact must be ensured after removal of all parts that can be removed by hand, other than lamps and lampholders.




Class II equipment

Equipment in which protection against electric shock does not rely solely on the main insulation, but includes additional safety measures, such as double insulation or reinforced insulation.

These measures do not include protective grounding and are not dependent on installation conditions.

Class III equipment

Equipment in which protection against electric shock relies on the supply of safety extra-low voltage (SELV) and in which voltages higher than SELV (voltages ≤ 50 V) are not generated.

	Class I	Class II	Class III
Main equipment features	Earthing protection provided	Additional insulation, but no means of earthing protection	Suitable for safety extra-low voltage supply (≤ 50 V)
Safety precautions	Protective earth connection	No precautions necessary	Connection to safety extra-low voltage (SELV)
Symbols			

Reference texts

Construction and Housing Code: articles L122.1, L122.2 for the IGH ; articles L123.1 to L123.4 for the ERP.

Construction and Housing Code: articles R122.1 to R122.29 for the IGH ; articles R123.1 to R123.55 for the ERP.

Decree of 30/12/2011 Safety regulations for the IGH (notably article GH48).

Decree of 25/06/1980 Safety regulations for the ERP modified by the Decree of 11/12/2009 (notably articles EC1 to EC15).

Standard NF EN 60598-1 Construction of luminaires (notably section 13).

Standard NF EN 60695-2-11 Glow wire test.

Standard NF EN 60695-11-5 Needle burner test.



Safety regulations against fire

Establishments (ERP) and High-Rise Buildings (IGH)

In terms of safety, lighting systems play an important role in the event of a disaster.

If the lighting were to fail, evacuation and rescue operations would be considerably hampered. Aware of the importance of lighting, the legislator has devoted Chapter VIII of the fire safety regulations for public buildings (Establishments Open to the Public - ERP) to it.

Lighting professionals are increasingly being asked about the fire behavior of luminaires. This is because

- manufacturers must take this into account when selecting the materials used in luminaires,
- specifiers and installers must take this into account when choosing luminaires for their final use,
- inspection bodies and safety commissions must take this into account when examining installations.

While it is necessary to be vigilant and very cautious with regard to fire risks, there is no point in imposing higher requirements than those required by regulations.

- For the builder, before choosing the materials to be used in the luminaires, it will be necessary to carefully define the intended application, to avoid penalizing himself unnecessarily.

- For the specifier or installer, good information on the fire behavior of products on the market will enable him to choose the right luminaire for the application in question.

Important note

- The new safety regulations for high-rise buildings (IGH) now prescribe a glow-wire resistance of 850°C for horizontal corridors and staircases, and 650°C for other premises.

- The new ERP safety regulations no longer impose specific requirements for the fire resistance of luminaires; the requirements of the luminaire construction standard (NF EN 60598-1) now apply.

Choice of luminaires

A luminaire must be chosen according to its application, so as to ensure satisfactory operation of the installation.

This means looking for a luminaire with electrical and mechanical characteristics appropriate to its environment (electrical class, IP protection rating, maximum ambient temperature - see table below -, specific protection), and which will enable installation in compliance with installation standard NF C 15-100.

This governs low-voltage electrical installations.

The specifier will draw up his specifications according to the characteristics of the site to be illuminated: external influences characterizing the premises and locations, any regulatory obligations, etc. (see UTE C15-103 guide).

Please note! Specific to the food industry: In many food industry applications, luminaires may be exposed to lactic acid and its derivatives. In these same industries, phytosanitary requirements lead to the use of germicidal and fungicidal cleaning products. All these products,

even in very small quantities, are highly aggressive to certain plastics (polycarbonates in particular). Please consult us before selecting any luminaire.

For intensive use (24-hour lighting, permanently high ambient temperature, dusty environment, no cleaning of fixtures, lamps used until the end of their life, etc.), particularly high-performance fixtures should be chosen. Entry-level luminaires would have a limited economic life under such conditions of use, for which they were not designed.

Reminder of the main classes of external influence (extracts from standard NF C 15-100)

CODE	Conditions	Characteristics of materials used
Ambient temperature		
AA1	Refrigeration (Temperature : -60°C to +5°C)	Specially designed equipment or appropriate arrangements
AA2	Very cold (Temperature : -40°C to +5°C)	Specially designed equipment or appropriate arrangements
AA3	Cold (Temperature : -25°C to +5°C)	Specially designed equipment or appropriate arrangements
AA4	Temperate (Temperature : -5°C to +40°C)	Normal (see luminaire ta)
AA5	Hot (Temperature: +5°C to +40°C)	Normal (see luminaire ta)
AA6	Very hot (Temperature: +5°C to +60°C)	Specially designed equipment or appropriate arrangements
AA7	Sheltered outdoor (Temperature : -25°C to +55°C)	Specially designed equipment or appropriate arrangements
AA8	Unprotected exterior (Temperature : -50°C to +40°C)	Specially designed equipment or appropriate arrangements
Presence of water		
AD1	Negligible	IP X0
AD2	Condensation water: falling water drops	IP X1 ou IP X2
AD3	Condensation water: falling water drops	IP X3
AD4	Projection in all directions	IP X4
AD5	Water jets in all directions (washing area, etc.)	IP X5
AD6	Bodies of water (seashore, docks, piers, etc.)	IP X6
AD7	Intermittent immersion < 1 m	IP X7
AD8	Permanent submersion > 1 m	IP X8
Presence of solid bodies		
AE1	Negligible	IP 0X
AE2	Presence of solid bodies > 2.5 mm	IP 3X
AE3	Presence of solid bodies > 1 mm	IP 4X
AE4	Presence of dust	IP 5X (if dust does not interfere with operation) or IP 6X
Mechanical shocks		
AG1	Low (Energy : ≤ 0.2 J)	IK02
AG2	Medium (Energy : ≤ 2 J)	IK07
AG3	Large (Energy : ≤ 5 J)	IK08
AG4	Very large (Energy : ≤ 20 J)	IK10
Nature of materials processed or stored		
BE1	Negligible risk	Normal
BE2	Fire risk	Measures to prevent a significant rise in temperature from causing a fire outside
BE3	Explosion hazards	Equipment for explosive atmospheres: explosion-proof enclosure, increased safety "e"
BE4	Risks of contamination, food, pharmaceutical products, etc.	Appropriate protective measures (to prevent falling lamp fragments)
Vibrations		
AH1	Low (domestic or similar installations)	Normal
AH2	Medium (normal industrial installations)	Specially designed equipment or special provisions
AH3	Major (industrial plants subject to severe conditions)	Specially designed equipment or special provisions

IP degrees of protection



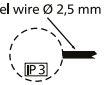
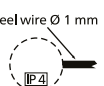
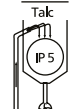
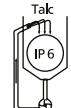
According to standards NF EN 60598-1 and NF EN 60529

This information is given for guidance only.

For detailed information, please refer to the relevant standards.

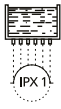
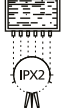




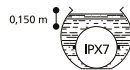
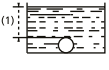
1st digit

Degree of protection of persons against contact with live parts.
Degree of protection of equipment against penetration by solid bodies.

Degree	Designation	Diagram
1	Protected against solid objects larger than 50 mm (e.g. involuntary hand contact)	
2	Protected against solid objects larger than 12 mm (e.g. finger of hand)	
3	Protected against solid objects larger than 2.5 mm (e.g. tools; wires)	
4	Protected against solid objects larger than 1 mm (e.g. fine tools; small wires)	
5	Dust-protected (no harmful deposits)	
6	Totally dust-protected	

2nd digit

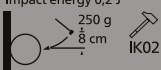
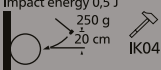
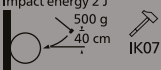
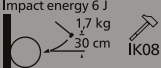
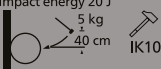
Degree of protection against ingress of water.

Degree	Designation	Diagram
1	Protected against vertical drops of water (condensation)	
2	Protected against falling drops of water up to 15° from vertical	
3	Protected against rainwater up to 60° from vertical	
4	Protected against splashing water from all directions	
5	Protected against water jets from all directions Spray lance: pressure 0.3 bar at 3 m	
6	Protected against spray from bodies of water. Spray gun: 1 bar pressure at 3 m	
7	Protected against the effects of immersion for up to 30 minutes (≤ 1m)	
8	Submersible equipment Protected against the prolonged effects of immersion under pressure... (1) maximum immersion depth in meters	

Mechanical shock IK

According to standards NF EN 62262 and NF EN 60068-2-75 This information is given for guidance only. For detailed information, please refer to the relevant standards.

Protects equipment against mechanical shock

Designation	Shock energy in joules
Withstands the impact of a 0.25 kg hammer falling from 0.08 m Impact energy : 0.2 Joule	Impact energy 0,2 J 
Withstands the impact of a 0.25 kg hammer falling from 0.20 m Impact energy : 0.5 Joule	Impact energy 0,5 J 
Withstands the impact of a 0.5 kg hammer falling from 0.40 m Impact energy : 2 joules	Impact energy 2 J 
Withstands the impact of a 1.7 kg hammer falling from 0.30 m Impact energy : 6 joules	Impact energy 6 J 
Withstands the impact of a 5 kg hammer falling from 0.40 m Impact energy : 20 joules	Impact energy 20 J 

Code IK

This is a coding system to indicate the degree of protection provided by an enclosure against harmful mechanical impacts.

The IK code represents the degree of protection. It is indicated as follows: each group of characteristic digits represents an impact energy value, as shown in the table below:



CODE IK	00	01	02	03	04	05	06	07	08	09	10
Impact energy in Joules	Unprotected	0,14	0,20	0,35	0,50	0,70	1	2	5	10	20

Specifications

White LEDs have entered the functional lighting market with a vengeance, and are gradually being integrated into all lighting applications. As a result, they are now the benchmark solution for commercial and industrial applications.

This significant growth in the use of LED systems in indoor applications must not obscure the fundamental principles of lighting design, which aim to provide comfortable, quality lighting that meets current standards.

Today, Philips technology makes it possible to optimize the luminous efficiency of LED systems while respecting the rules and our know-how in lighting design.

The quality of the light, the performance of the optics, the adaptation of the products to the application, the optimization of the number of luminaires and their positioning remain the foundations of a successful lighting project.

To achieve this, it's important to remember the main criteria to be taken into account when designing a project

LED source specifications

Color Rendering Index (CRI)

Whenever visual work is important, or the harmony of a setting must not be altered or destroyed, it is necessary to use light with a color rendering index of at least 80.

In the case of color selection, sampling or comparison, the rendering index should be as high as possible, and in all cases at least equal to 90.

Color temperature (Tc in Kelvin)

In certain cases (selection, sampling, color comparison...), the color temperature of the light used should be chosen according to the color temperature of the light under which the objects under consideration will be observed in their final use.

In other cases, it should be chosen according to the atmosphere to be created, its relationship with the environment, the volume to be lit and the decor.

The level of illumination to be achieved may also play a role in this choice; the lower the level of illumination, the more difficult it is to accept a cold atmosphere (see Krüthof rule).

Instant lighting and/or relighting

Some activities (surveillance, security, etc.) require instant cold start and hot restart (in the event of a power cut). LED sources are ideally suited to this requirement.

Operating positions

Check that the luminaire is installed in accordance with mounting and heat emission requirements.

Operating temperature

The temperatures at which the installation must operate in certain cases (extreme climates, cold rooms, climatic test rooms...) call for LED versions adapted to these temperatures.

This is also true in conventional installations such as gymnasiums, where interior temperatures can often exceed 30°C under the roof.

Vibration resistance

Vibrations existing in certain places (elevators, overhead cranes, machines...) require the use of particularly robust systems or the placing of devices on silent blocks.

Characteristics to be met by control gear

With the advent of the LED source, all switchgear has become electronic. These devices ensure :

- Significant energy savings compared to conventional control gear,
- Longer luminaire life,
- Reduced maintenance requirements.

- Control gear adapted to the type and power of the LED source in terms of :

- Temperature
- Humidity

- Power supply characteristics
- Voltage (in volts)
- Frequency (in hertz)

- Ability to scale power source flow.
- Frequency of energy supplied to the high-frequency source.

The high frequencies used bring the following benefits:

- Minimal visual fatigue,
- No stroboscopic effect.

Characteristics to be met by the luminaire

- Protection index.
- Shock energy.
- Electrical class.
- Glow wire resistance.
- Photometric distribution to avoid annoying specular reflections (indoors) or light pollution of the night sky (outdoors).
- Acceptable luminance levels to avoid incapacitating glare and harmful visual

discomfort.

- Operating temperature (same remarks as for lamp selection).

- Resistance to aggressive or explosive atmospheres.

Certain chemically aggressive atmospheres require the use of fixtures made from materials that are not attacked by them. Explosive atmospheres call for the use of suitable equipment.

- Aesthetics to match style and decor.

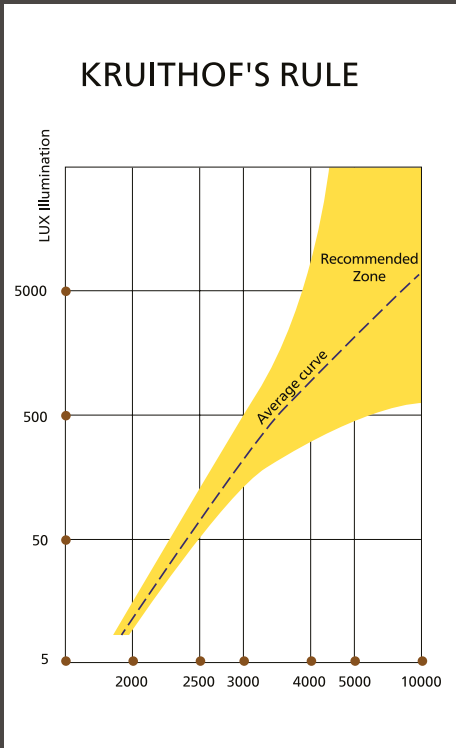
Installation criteria

Fixture layout must meet certain criteria. In addition to providing the necessary uniformity of illuminance or luminance, or the distribution of light to balance luminance levels, they must also be positioned to avoid annoying reflections, to provide visual guidance, to orientate a space, or to blend in with architecture or decor.

Lighting management systems

Lighting management systems have grown in popularity since the arrival of LEDs, making it possible to manage lighting by switching on/off, dimming or changing hue, using manual controls (switch, commands via a remote application, etc.), automatic triggers (daylight or presence sensors, time programming, etc.) and by differentiating between different areas of the building. The benefits of a lighting management system can be many and varied: energy savings, comfort, respect for the biological cycle, safety, attractiveness of the illuminated area, etc. To take advantage of all these benefits, luminaires and their control gear must be compatible with these systems.

Specifications



Electrical system management

Operating requirements call for several electrical lighting circuits. These circuits can be controlled in the traditional way, using switches or push- buttons, as well as remote switches and potentiometers (for dimming).

The use of electronic management systems that employ IR sensors and motion and light detectors (cell), ensures, through the automation and flexibility they provide :

- energy savings,
- labor savings when modifying partitions,
- optimum user comfort with :
- control at any point in a room,
- maximize energy savings, LUX illumination
- simple, rapid adaptation to changes in activity or users.

LED solutions are particularly well-suited to lighting management thanks to the flexibility they offer (dimming, instant-on, etc.). Combining LED solutions with a lighting management system optimizes actual lighting consumption.

Lighting Safety

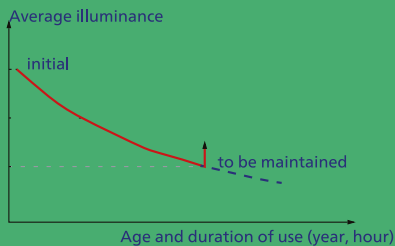
Standards require emergency lighting in all establishments subject to labor legislation.

The nature of the premises, its location and the number of people who may be present at any one time dictate the type of emergency lighting required.



Indoor - Average illuminance to be maintained

Figure 1 below shows the variation in average illuminance achieved in a room as a function of the duration of use of an installation. This figure clarifies the notions of "initial" and "to-be-maintained" average illuminance levels.



(fig.1)

Initial average illuminance (Ei) is the average illuminance when the installation is commissioned (new installation).

Average illuminance to be maintained (Em) is the average illuminance just acceptable before any maintenance work is carried out: luminaire cleaning, with or without simultaneous lamp replacement. For the first time, CIE publication 29.2 (1986) and the European standard NF EN 12464-1 at AFE, average illuminance is defined over the entire "Work Plan", whereas in NF EN 124641, it is defined over the "Visual Task".

Maintenance factor (MF) This factor depends on the maintenance characteristics of the luminaire, the lamp and its ballast, the environment and the installation's maintenance program. It is therefore the ratio of the average illuminance to be maintained to the initial average illuminance: $FM = Em/Ei$ where $(Em=Ei \times FM)$

Comprehensive depreciation factor (d) Commonly referred to as the depreciation factor, is the inverse of the maintenance factor: $d = 1/FM = Ei / Em$ so that $(Ei = Em \times d)$ According to the European standards, and in the absence of any indication, the initial average illuminance will be :
 - 1.5 times the illuminance to be maintained for low-dust areas,
 - 1.75 times the illuminance to be maintained for medium-dust premises,
 - 2 times the illuminance to be maintained for high-dust areas.

Uniformity (U) Ratio of minimum illuminance at a point to average illuminance: $U = Emin / Em$
 Extract from NF EN 12464-1 Definitions (see below) Visual task : All the visual elements of the work to be carried out.

Work area : Part of the workplace in which the visual task is performed. For spaces where the size and/or location of the work zone is/are unknown, the place where the task can be performed is taken as the work zone.
Immediate surrounding area: A strip at least 0.5 m wide surrounding the work area in the field of vision. Note that the immediate surrounding zone may occupy the remaining space in the room. **Background zone :** A strip at least 3 m adjacent to the immediate surrounding area.

The main criteria associated with an application

Reflection Factors
 Today, the factors to be taken into account are :

Reflection Factors	
Ceiling	0,7 - 0,9
Walls	0,5 - 0,8
Floor	0,2 - 0,4

We recommend values of between 0.2 and 0.7 as the reflection factor for the main objects (furniture, machines, etc.), in order to achieve a better luminance balance between the visual task and the environment. Note: Clear inner glass has a typical reflection factor of 0.1.

Illuminance and uniformity



According to NF EN 12464-1 (August 2021)

Required Illuminance	Modified Illuminance
Background zone 100 lx UO ≥ 10%	Background zone 200 lx UO ≥ 50%
Immediate Surrounding Zone 300 lx UO ≥ 40%	Immediate Surrounding Zone 750 lx Uo ≥ 40%
Working Zone 500 lx UO ≥ 60%	Working area 1000 lx Uo ≥ 60%

Note 1: It is recommended that the Background Zone borders the Immediate Surrounding Zone over a minimum width of 3 m within the limits of the space and is illuminated at 1/3 of the illuminance to be maintained on this surrounding zone. Impact: Achieve a better luminance balance in the room and avoid localized lighting solutions with very narrow beams (LED spotlights).

Standards and regulations

According to NF EN 12464-1 (August 2021)

• Recommended illuminance levels in the work area Illuminance scale :

The recommended average illuminance levels to be maintained in the work area are defined for normal visual conditions.

The maintained illuminance values given in the standard tables show 2 levels:

- A "Required" level, which depends on the normal needs of the visual task in its environment.
- A "Modified" level, which depends on a specific context that may be added to the normal context.

Table 1:

Modification context for increasing the illuminance requirement maintained

Visual work is essential;
Errors are costly to correct;
Precision, higher productivity or increased concentration are of great importance;
Visual task details are unusually small in size or low in contrast;
The task is undertaken over an unusually long period of time;
The visual task or activity area has low daylight levels;
The worker's visual capacity is below normal;

In these specific contexts (defined in tables 1 and 2), it is recommended to increase or reduce the maintained illuminance by one or two steps on the following illuminance scale (in lux):

5 - 7,5 - 10 - 15 - 20 - 30 - 50 - 75 - 100 - 150 - 200 - 300 - 500 - 750 - 1 000 - 1 500 - 2 000 - 3 000 - 5 000 - 7 500 - 10 000

Table 2:

Modification context for reduction in illuminance requirements maintained

Dimensions or contrasts of task details are unusually high.
The task only needs to be performed for an exceptionally short time.

• Illumination of the immediate surrounding area

The illumination level to be maintained in the immediate surrounding area is one illumination level below that of the visual task. The table below (Fig.3) gives an overview of the illuminance ratio between the immediate surrounding area and the work area:

(fig.3)

Illuminance in the work area, Task (lx)	Lighting on immediate surrounding areas, Task (lx)
≥ 750	500
500	300
300	200
200	150
≤ 150	Task

Thus:

- A one-step increase is recommended if one or two of the conditions listed in Table 1 apply.
- An increase of two steps is recommended if three or more of these conditions apply.
- A reduction of one step may be considered if both conditions listed in Table 2 apply.

• Backlighting

It is recommended that the illuminance of the background zone be greater than one third of the illuminance of the immediate surrounding zone.

• Uniformity of illuminance

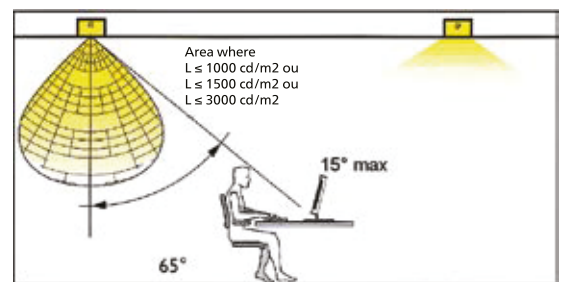
- For the visual task, the uniformity given in the European standard tables must be respected (see examples on next page).
- For the surrounding area, uniformity must be ≥ 0.4 - For the background zone, uniformity must be ≥ 0.1

• UGR (Unified Glare Rating): Maximum limit

This is a model for calculating direct glare due to luminaires and their distribution in the observer's visual environment. Standardized UGR tables (one per luminaire) are available to give an indication close to the calculated UGR of an installation. Philips has developed the UGR diagram to simplify the use of this concept (see definition below).

• CRI (or Ra): Color rendering index.

Lighting of workstations with screens



	High Luminance screen state	High Luminance screen $L > 200\text{cd/m}^2$	Medium luminance screen $L \leq 200\text{cd/m}^2$
Case A	Positive polarity and normal requirements for color and detail of information displayed, as for screens used in offices, education, etc.	$\leq 3000\text{ cd/m}^2$	$\leq 1500\text{ cd/m}^2$
Case B	Negative polarity and/or higher demands on the color and detail of information displayed, such as for screens used for color control in computer-aided design, etc.	$\leq 1500\text{ cd/m}^2$	$\leq 1000\text{ cd/m}^2$

Extracts from recommendations for lighting indoor workplaces in accordance with European standard NF EN 12464-1

INDOOR PREMISES Type of Area, Task or Activity	E _m		U ₀	R _v	UGR	E _{m2}	E _{m,Web}	E _{m,Min.}
	lx	lx				lx	lx	lx
Standard EN12464-1 (August 2021)	Required	Modified ^a	U ₀ ≥ 10 %					
OFFICES AND ADMINISTRATIVE PREMISES								
Offices for general work, typing	500	1000	0,60	80	19	150	150	100
Industrial design	750	1500	0,60	80	16	150	150	100
Computer-aided design workstations	500	1000	0,70	80	19	150	150	100
Conference and meeting rooms	500	1000	0,60	80	19	150	150	100
Reception	300	750	0,60	80	22	100	100	75
Classification - Transcription	300	500	0,40	80	19	100	100	75
Archives	200	300	0,40	80	25	75	75	50
COMMON AREAS INSIDE BUILDINGS - CIRCULATION AND SANITARY ZONES								
Circulation areas and corridors	100	150	0,40	40	28	50	50	30
Staircases, escalators, moving walkways	100	150	0,40	40	25	50	50	30
Elevator landing	200	300	0,40	40	25	75	75	50
Loading docks and ramps	150	200	0,40	40	25	50	50	-
Inhabited footbridges	150	200	0,40	60	25	-	50	30
Canteens, Food reserves	200	500	0,40	80	22	75	75	50
Rest room	100	200	0,40	80	22	50	50	30
Changing rooms; Sanitary facilities; Bathrooms; Toilets	200	300	0,40	80	25	75	75	50
Infirmary	500	750	0,60	80	19	150	150	100
Equipment room; Control or distribution rooms	200	300	0,40	80	25	50	50	30
Post room; Distribution table	500	750	0,60	80	19	150	150	100
STORES - REFRIGERATED WAREHOUSES								
Warehouses (not continuously occupied)	100	150	0,40	80	25	50	50	30
Warehouses (continuously occupied)	200	300	0,40	80	25	50	50	30
Packaging and shipping handling areas	300	500	0,60	80	25	100	50	30
Pantry	200	300	0,40	80	25	-	-	-
WAREHOUSES - SHELVING STORAGE AREAS								
Loading/unloading area	200	300	0,40	80	25	50	50	30
Packing/Grouping Area	300	500	0,50	80	25	100	100	30
Labeling	750	1000	0,60	80	22	150	150	30
Bulk storage of merchandise	200	300	0,40	80	25	50	50	30
Rack storage (floor-level lighting)	150	200	0,50	80	25	-	-	30
Rack storage (vertical lighting)	75	100	0,40	80	-	-	-	-
Central traffic flow - Heavy traffic	300	500	0,60	80	25	100	100	30
Automated area, not occupied	75	100	0,40	80	25	-	-	-
RETAIL SHOPS								
Sales areas	300	750	0,40	80	22	75	75	30
Cash desk areas	500	1000	0,60	80	19	100	75	30
Packing table	500	1000	0,60	80	22	100	-	30
Storage area	300	500	0,40	80	25	50	-	-
Changing room	300	500	0,40	90	-	-	-	-
PUBLIC SPACES - COMMON AREAS								
Entrance halls	100	200	0,40	80	22	50	50	30
Cloakrooms	200	300	0,40	80	25	75	75	50
Salons	300	300	0,40	80	22	75	75	50
Ticket offices	300	500	0,40	80	22	75	75	50
PUBLIC PLACES - RESTAURANTS AND HOTELS								
Reception, cash desk, porter's desk	300	500	0,60	80	22	100	100	75
Kitchens	500	1000	0,60	80	22	100	100	75
Restaurant, dining rooms, function rooms	-	-	-	80	-	-	-	-
Self-service restaurant	200	300	0,40	80	22	75	75	50
Buffet	300	500	0,60	80	22	75	75	50
Conference rooms	500	1000	0,60	80	19	150	150	100
Corridors	100	150	0,40	80	25	50	50	30
PUBLIC PLACES - THEATERS, CONCERT HALLS, CINEMAS, ENTERTAINMENT VENUES								
Rehearsal rooms	300	500	0,60	80	22	100	100	75
Boxes	300	500	0,60	90	22	100	100	75
Seating areas - Maintenance, Cleaning (Floor level lighting)	200	500	0,50	80	22	50	50	30
Stage area - Assembly (Floor level lighting)	300	500	0,40	80	25	75	75	30
PUBLIC PLACES - HALLS, EXHIBITION HALLS								
General lighting	300	500	0,40	80	22	50	50	30

(a) Required : Minimum value

(b) Modified : Modified value taking into account the modification context (see Tables 1 & 2)

Note: The modified value should not be considered as an upper limit.

PUBLIC PLACES - LIBRARIES								
Shelving (Vertical Lighting)	200	300	0,40	80	-	-	-	-
Reading area	500	750	0,60	80	19	100	100	50
Cash desks	500	750	0,60	80	19	150	150	50
General lighting	300	500	0,40	80	22	75	75	50
SCHOOL PREMISES - NURSERY SCHOOLS, DAY-CARE CENTERS								
Playrooms	300	500	0,40	80	22	100	100	75
Nurseries	300	500	0,40	80	22	100	100	75
Manual work rooms	300	500	0,60	80	19	100	100	75
SCHOOL PREMISES - SCHOOL BUILDINGS								
Classrooms - General activity (For classrooms used by young children, a required E _m of 300 lx can be achieved by dimming)	500	1000	0,60	80	19	150	150	100
Auditorium - Conference rooms	500	750	0,60	80	19	150	150	50
Attending a conference in the seating area	200	300	0,60	80	19	75	75	50
Black, green and white boards	500	75	0,70	80	-	-	-	-
Demonstration table	750	1000	0,70	80	19	-	-	-
Lighting for podium area (floor level)	300	500	0,70	80	-	-	-	-
Work on personal computer	300	500	0,60	80	19	100	100	75
Industrial design room	750	1000	0,60	80	19	150	150	100
Practical work rooms and laboratories	500	750	0,60	80	19	150	150	100
Manual work rooms	500	750	0,60	80	19	150	150	100
Teaching rooms	500	750	0,60	80	19	150	150	100
Entrance halls	200	300	0,40	80	22	75	75	50
Circulation areas - Corridors	100	150	0,40	80	25	50	50	30
Stairways	150	200	0,40	80	25	50	50	30
Common rooms for students	200	300	0,40	80	22	75	75	50
Teachers' rooms	300	500	0,60	80	19	100	100	50
Storerooms for teachers' materials	100	150	0,40	80	25	50	50	30
Sports halls, Gymnasiums, Pools	300	500	0,60	80	22	100	75	30
School canteens	200	300	0,40	80	22	75	75	50
Kitchens	500	750	0,60	80	22	100	100	75
HEALTHCARE FACILITIES - GENERAL-PURPOSE ROOMS								
Waiting rooms	200	300	0,40	80	22	75	75	30
Corridors: During the day	100	200	0,40	80	22	50	50	30
Corridors: During the night	50	-	0,40	80	22	-	-	-
Multiple use corridors	200	300	0,60	80	22	75	75	50
Dayrooms	300	500	0,60	80	22	75	75	50
HEALTHCARE FACILITIES - STAFF ROOMS								
Personnel office	500	1000	0,60	80	19	150	150	100
Staff rooms	300	750	0,60	80	19	100	100	50
HEALTHCARE FACILITIES - EXAMINATION ROOMS (IN GENERAL)								
General lighting (Tc between 4000K and 5000K)	500	750	0,60	90	19	150	150	100
Examination and Treatment	1000	1500	0,60	90	19	150	150	100
HEALTHCARE INSTITUTIONS - LABORATORIES AND PHARMACIES								
General lighting	500	750	0,60	80	19	150	150	100
Color control (Tc between 000K and 6500K)	1000	1500	0,70	90	19	150	150	100
PLACES RESERVED FOR TRANSPORT - AIRPORTS								
Arrival and departure halls, baggage delivery areas	200	300	0,40	80	22	75	75	30
Transfer areas	150	200	0,40	80	19	50	50	30
Information counters, check-in counters	500	750	0,70	80	19	150	150	100
Customs counters and passport control desks	500	750	0,70	80	22	150	150	100
Waiting areas	200	300	0,40	80	22	50	50	30
Baggage delivery areas	200	300	0,40	80	22	50	50	30
Security check areas	300	500	0,60	80	19	100	100	75
Hangars for controls, tests, measurements and repairs	500	750	0,60	80	22	50	50	30
PLACES RESERVED FOR TRANSPORT - STATIONS								
Halls and ticket offices	200	300	0,50	80	28	75	75	50
Ticket and baggage offices and counters	300	500	0,50	80	19	100	100	75
Waiting rooms	200	300	0,40	80	22	75	75	30
Entrance halls, station halls	200	300	0,40	80	-	75	75	30
Control and machine rooms	200	300	0,50	80	28	50	50	30
Maintenance and service hangars	200	300	0,50	80	16	-	-	-

* Note: For the sake of clarity, we have voluntarily withdrawn the illuminance levels according to the AFE, as they have not been updated for a very long time, and the new market CCTPs show a very reduced demand, which is often very confusing because it mixes the AFE with the European Standard, which is becoming quite different. To find out more: www.mealighting.philips.com

Car parks (covered) in accordance with European standard NF EN

	Type of Area, Task or Activity	Ix		U ₀	R _s	UGR _R	U ₀ ≥ 10 %			Specific requirements
		Required	Modified				Ix	Ix	Ix	
42.1	Entrance and exit ramps (daytime)	300	500	0,40	40	25	75	75	50	1. Illumination to be extended to 5m inside the parking lot 2. Illumination at ground level.
42.2	Entrance and exit ramps (night time)	75	100	0,40	40	25	50	50	50	1. Illumination at ground level.
42.3	Traffic lanes, interior ramps and pedestrian walkways	75	100	0,40	40	25	50	50	30	1. Illumination at ground level. 2. High vertical illumination makes it easier to distinguish people's faces and recognize them, and therefore increases the feeling of safety.
42.4	Parking spaces not open to the public	75	100	0,25	40	—	50	50	30	1. Illumination at ground level. 2. High vertical illumination makes it easier to distinguish people's faces and recognize them, and therefore increases the feeling of safety.
42.5	Parking spaces open to large numbers of people, such as those in shopping malls , Arenas.	150	200	0,40	40	—	50	50	15	1. Illumination at ground level. 2. High vertical illumination makes it easier to distinguish people's faces and recognize them, and therefore increases the feeling of safety.
42.6	Cashier rooms	300	500	0,60	80	19	75	75	50	1. Reflections in windows should be avoided. 2. Avoid glare from outdoor lighting

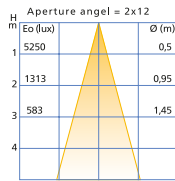


Beam specifications

Illuminance diagram

The illuminance diagram is represented by a cone with an apex angle equal to the beam aperture angle at $I_{max}/2$. This diagram can be used to determine, in a plane perpendicular to the beam axis and for different heights :

- the illumination level E_o in the beam axis (in Lux),
- diameter of the circle defined on this plane by the beam's opening angle. The aperture angle is given as "2 x 1/2 aperture angle".



Visual impact diagram

The visual impact diagram is used to determine the accentuation factor as a function of average horizontal illuminance level and distance from the object. This factor can therefore be used to determine the accentuation effect of a spotlight or spotlight on the illuminated object. $Emphasis\ factor = E / E_{horizontal}$

Accentuation factor

The visual effect created when an object is highlighted is determined by the contrast between the object and its background. The main characteristics of the light sources used to achieve the desired contrast are the size and sharpness of the light beam contour.

In a first approach, the contrast between an object illuminated by a spotlight and its background is given by the object/background ratio. In most general lighting installations, the background is closely related to the horizontal. When planning to use accent lighting, it's important to determine the desired effect or accent factor, which can range from "perceptible" to "very dramatic".

The effect is therefore based on the ratio between the general illuminance level in the object's direct environment and the brightness of the light spot on the object. This is calculated by dividing the illuminance level of the light spot by the general illuminance level on the horizontal plane at around 1 metre above ground level in the direct vicinity of the object.

$$\text{Accentuation factor} = \frac{\text{Illuminance level of light spot (on illuminated object)}}{\text{General illumination level (horizontal plane)}}$$



1. Perceptible visual effect
Factor 2:1



2. Light theatrical effect
Factor 5:1



3. Theatrical effect
Factor 15:1



4. Spectacular effect
Factor 30:1
Can only be achieved with relatively low general lighting levels.

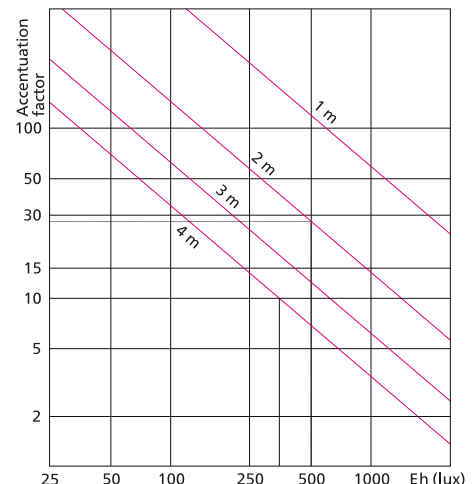


5. Very spectacular effect
Factor 50:1
Can only be achieved with relatively low general lighting levels.

To obtain satisfactory effects in situations where the general illumination level is high, use high-intensity accent lighting.

Accentuation factor Effect Code

Accentuation factor	Effect
2:1	Perceptible
5:1	Light theatrical
15:1	Theatrical
30:1	Spectacular
> 50:1	Very spectacular





Light intensity distribution

Polar diagram

This diagram shows the distribution curves of luminous intensities in candelas per 1000 lumens in a polar reference frame (fig. 1). For luminaires with two planes of symmetry, the curves are represented in these two planes of symmetry, which are :

- The vertical plane C0 - C180 passing through the luminaire's transverse axis (axis perpendicular to the lamp), see fig. 2.
- Vertical plane C90 - C270 passing through the luminaire's longitudinal axis (lamp axis), see fig. 3.

For so-called revolving luminaires, the distribution of luminous intensities is represented in a single plane C (C being a vertical plane). This distribution is the same in all planes C. In the case of very narrow beams, the polar diagram provides only an approximate idea of the beam shape.

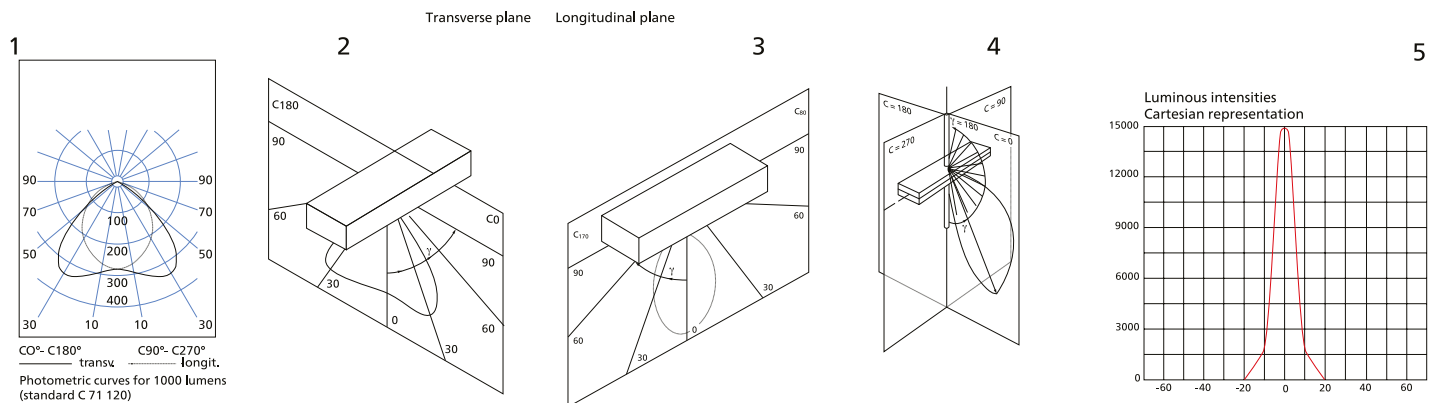
Cartesian diagram

For luminaires with very narrow beams and a so-called revolving distribution, we use the Cartesian diagram representation. In fact, for this type of beam, this

representation is more accurate than the polar diagram. Luminous intensity is generally indicated (unless otherwise stated) as an absolute value, taking into account the luminaire's total flux.

In this representation, we have (in the plane under consideration) the angles along the horizontal axis, and the actual intensities in candelas along the vertical axis (see fig. 5).

Note: For asymmetrical luminaires, the light intensity distribution is represented in two vertical planes, the transverse plane C0 - C180 and the longitudinal plane C90 - C270. The C0 half-plane will contain the maximum intensity (see Fig 4).

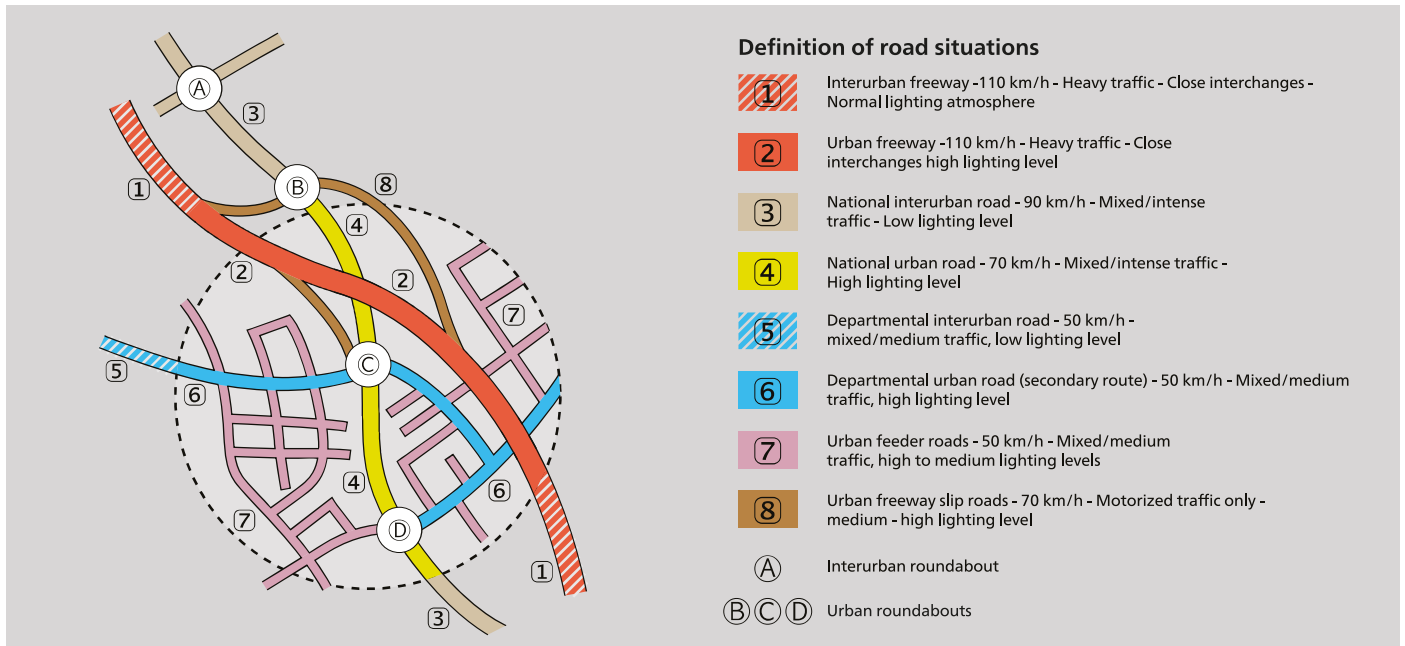


Exterior - Public lighting

Lighting project (urban area)

Example of lighting class selection (AFE method) and photometric performance to be maintained (NF EN 13 201-2 standard)

Source : Guide AFE 2015 Public Lighting



Track classification (AFE method) and photometric performance (NF EN 13 201 standard) Example of a complete lighting zone (urban and interurban)

Source : Guide AFE 2015 Public Lighting

Street	Lighting system	Maximum speed		Traffic				Lighting atmosphere		Load	
		km/h	k1	Composition	k2	Density	k3	k4	k5		
1	Max.	110	5	Motorized only	2	High	3	Low	1	High	1,25
	Min.	110	5	Motorized only	2	Medium	2	Low	1	Low	1
2	Max.	110	5	Motorized only	2	High	3	High	1,25	High	1,25
	Min.	110	5	Motorized only	2	Medium	2	High	1,25	Low	1
3	Max.	90	5	Mixed	3	High	3	Low	1	High	1,25
	Min.	90	5	Mixed	3	Medium	2	Low	1	Low	1
4	Max.	70	4	Mixed	3	High	3	High	1,25	High	1,25
	Min.	70	4	Mixed	3	Medium	2	High	1,25	Low	1
5	Max.	50	3	Mixed	3	Medium	2	Low	1	High	1,25
	Min.	50	3	Mixed	3	Low	1	Low	1	Low	1
6	Max.	50	3	Mixed	3	Medium	2	High	1,25	High	1,25
	Min.	50	3	Mixed	3	Low	1	High	1,25	Low	1
7	Max.	50	2	Mixed	3	Medium	2	High	1,25	Low	1
	Min.	50	2	Mixed	3	Low	1	Low	1	Low	1
Urban roundabout A	Max. lighting - Intersections 3 and 5				Level 3 max						
	Min. lighting - Intersections 3 and 5				Level 3 min.						
Urban roundabouts B C D	Max. lighting - Intersections 3-4 and 6				Level 4 max.						
	Min. lighting - Intersections 3-4 and 6				Level 4 min.						
Urban freeway ramp 8	Max. lighting - Link 2 and B/1 and C				Level 2 max.						
	Min. lighting - Link 2 and B/1 and C				Level 2 min.						

Exterior - Public lighting

There are five types of street lighting objectives to be met:

Safety

To increase traffic safety and reduce accidents, and to improve the safety of people and property by preventing aggression.

Comfort

To improve user comfort.

Profitability

To increase traffic flow.

Pleasure

To improve the night-time atmosphere and contribute to urban life.

Environment

To consume less energy and preserve the quality of the night sky. In some cases, only one of these objectives will exist; in others, several will need to be addressed. In such cases, it will of course be necessary to define the priorities and weight of each of these objectives in relation to the others.

Functional lighting

In this case, the priority objectives are safety and profitability. To achieve these, the lighting installation must enable users to:

- see obstacles: this can only be achieved by contrasting luminances between the obstacle and the roadway. Note that a moving obstacle (e.g. a pedestrian) should, if possible, be seen before it reaches a dangerous position. It's often too late to see a pedestrian on the pavement: sidewalk lighting plays a vital role in prevention, helping motorists to anticipate and react to changing situations and allowing them to:
- draw attention to dangerous points (junctions, slip roads, bridges, tunnels, etc.),
- make it easier to perceive the track layout (with appropriate optical guidance that cannot lead to confusion).

Residential Lighting

As well as ensuring safety, the aim of this lighting is to create a pleasant atmosphere and lighten up the area.

The aim is to create an atmosphere appropriate to the area to be lit, with fixtures that are aesthetically pleasing to the environment and technologically appropriate to the local context (vandalism, aggressive environment, pollution, etc.).

Performance requirements

Depending on the type of road and the volume and speed of traffic, an average level of roadway luminance or illuminance must be achieved, in accordance with standard EN 13201 and/or the AFE 2015 public lighting guide.

Street lighting costs

Several items influence the cost of a public lighting installation

- Cost of trenches and conduits,
- Cost of supports,
- Cost of mounting brackets,
- Lifting of supports,
- Cost of cables,
- Cost of luminaires,
- Luminaire installation,
- Wiring,
- Energy: depending on power and duration of use,
- Maintenance/interventions.

Products of coefficients (k1 x k2 x... x k5)	Track class	Reading performance (graph 1)					
		Average Luminance (cdm2)			Average Illumination* (lux)		
		Min.	Max.	Reading	Min.	Max.	Reading
37,5	M3	1,00	1,50	1,25	15	20	17,50
20	M5	0,50	0,75	0,72	7,50	10	9,50
47	M2	1,50	2,00	1,75	20	30	25,50
25	M3	1,00	1,50	1,00	15	20	15
56	M2	1,50	2,00	1,60	20	30	22
30	M4	0,75	1,00	0,87	10	15	12,50
56	M1	2,00	2,35	2,00	30	35	30
30	M3	1,00	1,50	1,10	15	20	16
22,5	M4	0,75	1,00	0,95	10	15	14
9	M5	0,50	0,75	0,55	7,50	10	8
28	M3	1,00	1,50	1,30	15	20	18
11	M5	0,50	0,75	0,73	7,50	10	9,5
15	M4	0,75	1,00	0,80	10	15	11
6	M5	0,50	0,75	0,50	7,50	10	7,5
							22
							12,5
							30
							16
							25,5
							15

Exterior - Public lighting

Luminance classes M

Class	Pavement illumination for dry and wet roads				Disability glare	Approach lighting
	Dry road			Wet road	Dry road	
	L [minimum maintained] cd/m ²	U ₀ (minimal)	U _l (minimal)	U _{ow} (minimal)	f _{TI} (maximal) %	R _{EIb} (minimal)
M1	2,00	0,40	0,70	0,15	10	0,35
M2	1,50	0,40	0,70	0,15	101	0,35
M3	1,00	0,40	0,60	0,15	15	0,30
M4	0,75	0,40	0,60	0,15	15	0,30
M5	0,50	0,35	0,40	0,15	15	0,30
M6	0,30	0,35	0,40	0,15	20	0,30

b This criteria can only be applied when there is no traffic zone adjacent to the roadway with its own requirements.

L Average luminance of road surface

U_l Longitudinal uniformity of illumination

U₀ General uniformity of illumination

f_{TI} Relative increase in the perception threshold

Lighting classes P

Class	Horizontal illumination		Additional requirement if facial recognition is needed	
	E _a (minimum maintained)	E _{min} (maintained)	Vertical illuminance (minimum maintained) E _{v,min}	Semicylindrical illuminance E _{sc,min} (minimum maintained)
P1	15,00	3,00	5,00	5,00
P2	10,00	2,00	3,00	2,00
P3	7,50	1,50	2,50	1,50
P4	5,00	1,00	1,50	1,00
P5	3,00	0,60	1,00	0,60
P6	2,00	0,40	0,60	15
P7	Performance not determined	Performance not determined		

a To ensure uniformity, the actual value of average illuminance maintained must not exceed 1.5 times the minimum value E for the class.

Exterior - Public lighting

Relative requirements for zones, tasks and activities

Lighting requirements for outdoor workstations and their associated zones are described in draft standards EN 124642 and CIE S008 in the form of four criteria:

- The average illuminance value to be maintained in the work area on the visual task.
- The illuminance uniformity E_{min}/E_{moy} is given for each type of zone, task and activity.

- The glare rating GR is determined using the CIE method. For a lighting installation, the GR value is calculated in the lighting project; it must be below a threshold value given in the table in the standard.

- A minimum value for the color rendering index (CRI) is required; to ensure that safety colors are always recognized as such, light sources must have a color rendering index greater than or equal to 20. The following table gives the prescribed values for lighting a few tasks and activities selected from over a hundred possible scenarios.

Areas	Tasks and activities	E_{moy} (lux)	E_{min} / E_{moy}	GR	Ra
General traffic	Pedestrian sidewalks	5	0,25	50	20
	Slow vehicles	10	0,40	50	20
	Vehicles 40 km/h max	20	0,40	45	20
	Pedestrian passages	50	0,40	45	20
Industrial site	Short term maintenance	20	0,25	55	20
	Continuous maintenance	50	0,40	50	20
	Loading platform	100	0,50	45	20
Automobile parking lot	Low intensity traffic	5	0,25	55	20
	Average traffic	10	0,25	55	20
	Intense traffic	20	0,25	55	20

Light pollution

Signify supports numerous government initiatives and those involved in sustainable development. This is in order to build a more sustainable world, by helping to prevent, limit and reduce "light nuisance, in particular excessive disturbance to people, fauna, flora or ecosystems, leading to energy waste or preventing observation of the night sky". These are the objectives set by the Decree of December 27, 2018 on the prevention, reduction and limitation of light pollution. Signify's policy is to design outdoor and indoor lighting luminaires emitting artificial light to the outside, which meet and anticipate the strictest requirements and standards. The majority of our Philips luminaire ranges sold in France comply with the requirements of the Decree:

- the proportion (in %) of light emitted by the luminaire above the horizontal,
- the proportion (in %) of light emitted by the luminaire in a cone

of half angle 75.50°, in relation to the light emitted below the horizontal (CIE flux code no. 3),

- the nominal color temperature (in Kelvin) of the light emitted by the source, - the luminaire's electrical power (in watts) when operating at maximum output,
- nominal luminous flux (in lumens) of the source operating at maximum speed

To help you decipher the decree and make the best choice of eligible Philips luminaires, we invite you to consult our dedicated page on www.philips.fr/nuisanceslumineuses. Reducing light pollution is not just a question of the technical specifications of the luminaire, but also of the reasoned use of lighting at night. With our Interact City connected platform, you can adapt lighting to your specific needs, whether for a territory, a city, a neighborhood or a street.



Decree on Light Pollution

Lighting installations	Roads and any public or private outdoor installation designed to promote safe travel (except tunnels and vehicle lighting) and aeronautical, rail, maritime and river safety installations.	Lighting of heritage sites, buildings, public and private parks and gardens.	Outdoor or discoverable sports facilities
Authorized lighting times Locally-adaptable measures to restrict lighting in the case of particularly sensitive fauna or flora (prefectoral decisions).	If annexed to a place of activity : Evening no later than 1 hour after the end of the activity Morning: after 7 a.m. or 1 hour before the start of the activity if earlier than 7 a.m.	From sunset to 1 a.m. for heritage sites and 1 a.m. after closing time for parks and gardens.	
	The provision can be adapted if there is a motion detection system and daylight control		
ULR Light emitted above the horizontal	Nominal ULR <1 (plane of horizontal optic) ULR of installed luminaire <4		
Flux code CIE No. 3 Light emitted in cone of 1/2 angle 75.5°.	≥ 95 %		
Color temperature	≤ 3000 K		
Surface luminous flux density source flux / area to be illuminated (ability to illuminate only the area required)	< 35 lm/m ² in built-up areas < 25 lm/m ² outside built-up areas	For parks and gardens only: < 25 lm/m ² in built-up areas < 10 lm/m ² outside built-up areas	
Prohibitions on specific sites		ULR of installed luminaire=0% on astronomical sites and nature reserves and protected sites (no up-lighting)	

Prohibitions on specific sites

- › On astronomical observation sites, nature reserves and protected sites, all requirements in built-up areas take on the values outside built-up areas.
- › In national nature parks, color temperature ≤ 2700 K in built-up areas and color temperature ≤ 2400 K outside built-up areas.
- › Light cannons > 100 klm or lasers are prohibited in astronomical observation zones or natural areas.
- › Direct illumination of watercourses, bodies of water and the public maritime domain (sea and land) is prohibited, except in the interests of safety.
- › Obligation to fit a masking device to light points on the coast so that they only illuminate useful land areas.

Data required by the manager

- › ULR
- › CIE code no. 3
- › Color temperature
- › Electrical power in W at maximum output
- › Luminous flux at maximum output
- › Luminaire installation date
- › Any evidence of installation conformity Color temperature

Standards and regulations

Signify supports the many governmental and institutional initiatives to prevent, limit and reduce light pollution in order to build a more sustainable world. Table summarizing the measures of the decrees of December 27, 2018 relating to the prevention, reduction and limitation of light nuisance according to applications

Non-residential buildings, particularly commercial or industrial (building illumination and interior lighting emitted to the outside, except toll plazas)	Uncovered or semi-covered parking lots	Temporary outdoor events (artistic, cultural, commercial, sporting or leisure activities)	Outdoor construction sites
<p>Evening: from sunset until 1 hour after the end of occupancy of the premises Morning: after 7 a.m. or 1 hour before the start of the activity if earlier than 7 a.m.</p>	<p>If annexed to a place of activity : Evening: from sunset until 2 hours after the end of occupancy of the premises Morning: after 7 a.m. or 1 hour before the start of the activity if earlier than 7 a.m.</p>		<p>From sunset until 1h after cessation of activity (EXCEPT if worker safety is at stake)</p>
<p>The provision can be adapted if there is a motion detection system and daylight control</p>			
<p>Nominal ULR <1 (plane of horizontal optic) ULR of installed luminaire <4</p>			
<p>≥ 95 %</p>			
<p>≤3 000 K</p>			
<p>< 25 lm/m² in built-up areas < 20 lm/m² outside built-up areas</p>			
			<p>Temperature ≤3000 K at astronomical sites</p>

Decree application dates

Installations commissioned before January 1, 2020

Immediately

Authorized lighting hours in the event of a ban on light cannons > 100 km or lasers in astronomical observation zones or natural areas

January 1st 2020

Rules on ULR if adjustable device / possibility for prefects to tighten rules locally /Direct lighting of watercourses

January 1st 2021

Lighting hours authorized for cases a,b,e,g if no separate supply network required

Installations commissioned after January 1, 2020: All

points must be met by January 1, 2020

January 1st 2025

Lighting installations where the proportion of light emitted by the luminaire above the horizontal in installation conditions is greater than 50% must be replaced by luminaires complying with the provisions of the decree by January 1, 2025 at the latest. This applies in particular to ball luminaires and recessed floor luminaires.



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