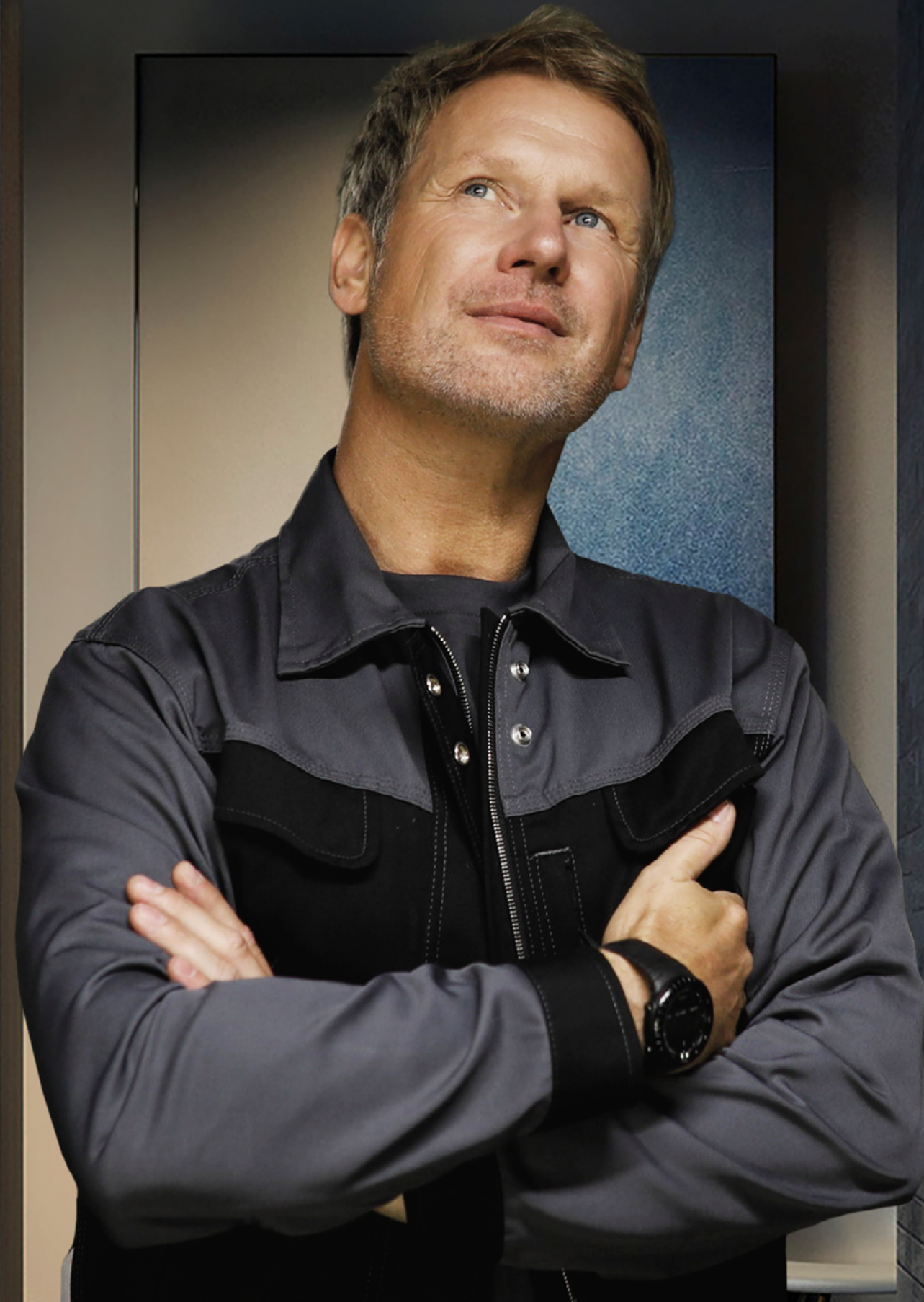


PHILIPS

LED lamps

Real pros put LED lamps in the spotlight

Discover our wide portfolio of high-quality LED bulbs and spots for every application area, demand and budget.



philips.com/LEDlamps

**REAL
PROS
REAL
QUALITY**

An LED lamp for every application

From hotels to meeting rooms, from LED spots to decorative LED bulbs – the wide range of Philips LED lamps offers a lighting solution for every style and function.

Creating the perfect ambiance for any room and any occasion has never been easier. Philips LED lamps combine classic design with superior technology designed to offer exceptional light quality and high color consistency.

Emphasize or transform the mood of any interior with the right LED lamp – our innovative features, like DimTone and SceneSwitch, offer the flexibility to go from functional lighting to an inviting and cosy atmosphere with the simple flick of a switch.

Choose CorePro LED lamps for everyday replacement of conventional lighting in general applications. The MASTER Value range offers a broad selection of

dimnable, high-performance LED lamps to create the desired atmosphere. And with customized spectrum, high CRI, and deep dimming feature, the MASTER range delivers superior light and the perfect ambience, and the most efficient lamps as well to maximise energy savings with the new UltraEfficient range.

MasterConnect LEDspots are Interact Ready and can be integrated into smart lighting systems for personal and automated light control.

Discover the wide range of Philips LED lamps and give every space the lighting it deserves.

For more information visit: philips.com/LEDlamps

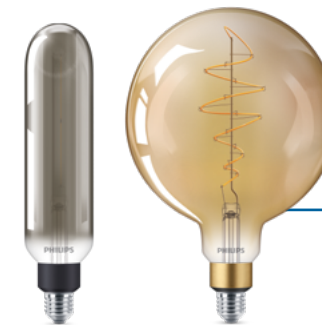


LED spots

Accent lighting in retail, hospitality, healthcare, educational and general applications

LED bulbs

General lighting in all indoor applications



Decorative LED bulbs

Decorative lighting in retail, residential and hospitality applications

LED candles and lusters

General lighting in all indoor applications



LED capsules and linears

Exceptional LED alternatives for unique applications

Real pros choose Philips LED lamps for:



Fast and easy replacements

Philips LED lamps are designed as a 1-on-1 replacement for currently installed conventional lighting



High quality of light

- No flickering
- True constant colors with high CRI
- Maximum dimming compatibility



Energy efficiency and long lifetimes

- Up to 90% more energy efficient than conventional lamps
- Up to 50,000 hours lifetime – for peace of mind and less maintenance cost



Wide range

The right shape and technology for every kind of application and budget

One grid for all LED lamps

Have you come to appreciate the Philips range tiering of LED spots for an easy selection of the right spot for your requirements? Then you'll be glad to learn that the same tiering is now valid for all our LED lamps – bulbs, candles and lustres included!

Value and features



interact ready.

PHILIPS
MasterConnect

An easy step into smart lighting



PHILIPS
MASTER

For top performance and sustainability

MASTER UltraEfficient LED bulbs, candles and spots

- Ultra high efficacy of grade A (for GU10)
- Extra long lifetime of 50,000 hours

MASTER LED

- Extra long lifetime: up to 25,000 hrs
- High efficacy (grade D for glass range)
- CRI 90 for excellent light quality
- Dimmable and DimTone options

MASTER LED spot ExpertColor

- Extra long lifetime : 40,000hrs
- Deep and smooth dimming with broad transformer compatibility



PHILIPS
MASTER Value

The optimal combination of value and performance

MASTER Value LED bulbs, candles and lusters

- Long lifetime: up to 15,000 hrs
- High efficacy (grade D)
- Excellent light quality (CRI 90)
- Dimmable and DimTone options

MASTER Value LEDspots

- Long lifetime: up to 25,000 hrs
- Dimmable and DimTone options



PHILIPS
CorePro

For your everyday lighting jobs

CorePro LED bulbs, spots, candles and lusters

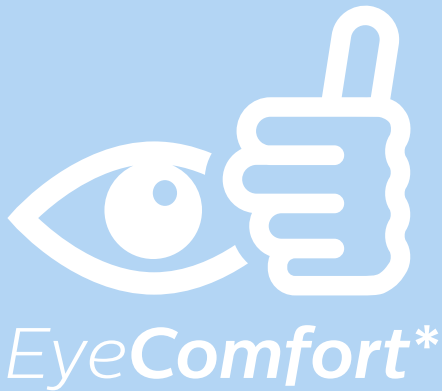
- Lifetime: 15,000 hrs
- Dimmable and non-dimmable options

Price

Designed for the comfort of your eyes

Poor light quality can cause eye strain and discomfort, which is why our lighting scientists have done extensive research to understand what makes a comfortable light.

This has led to the definition of 8 stringent criteria: visible flicker, glare, stroboscopic effect, photobiological safety, dimmability, tunability, color rendering and audible noise. All our LED lamps are part of the EyeComfort series and fulfill the stringent criteria to deliver high quality, comfortable light. The best choice for your customers in retail, hospitality and residential applications!



Flicker and Strobe

Some LEDs may appear to flicker or produce a stroboscopic effect. This could cause distraction, irritation and affect certain health conditions.

EyeComfort LEDs are designed to minimize the factors that cause these effects, ensuring complete comfort for the eyes whether you're reading, working or relaxing



Glare

Some LEDs give off glare, where it is difficult to see due to the brightness of the light. This could cause visual discomfort and even headaches.

EyeComfort LEDs are designed to reduce glare, ensuring complete comfort for the eyes in every room of your home.



Dimmable

Some 'dimmable' LEDs of lower quality tend to flicker when you turn the light down.

Our **EyeComfort** LEDs use smart electronic design so that you can create the perfect ambiance and enjoy a gentle solution for your eyes.



Noise

Some people find that LEDs produce an irritating hum. This is caused by the way the bulbs use electricity to emit light.

EyeComfort LEDs were designed to eliminate audible noise so that you can work, study and play without any distractions.



Color rendering

Color rendering refers to how well a light source renders color.

EyeComfort LEDs have a high Color Rendering Index, meaning that your home's furnishings appear in high definition and true color.



Tunability

Many LEDs emit just one 'color temperature' – such as warm white or cool daylight – which means you cannot change the mood in a room.

However, tunable **EyeComfort** LEDs allow you to adjust the color temperature. That lets you select an invigorating cool light in the mornings for instance, or a cozy dim light at night.


































Photobiological safety

Concerning photobiological safety, our LEDs are not different from traditional incandescent lamps. They do not contain higher amounts of short wavelength light which can cause blue light hazard and fall well within safety standards.

* Designed for the comfort of your eyes. Read the [EyeComfort whitepaper](#) for flicker, strobe and other criteria and product details. You can easily recognize these lamps by the EyeComfort icon.

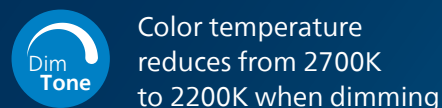
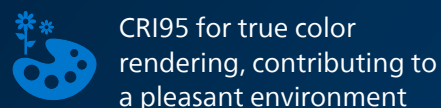
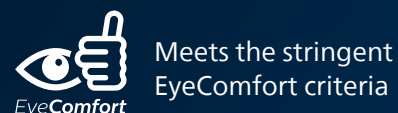
Product overview

Click the products for all product details

	CorePro	Value and features: Value and features: Value and features: Value and features:	MASTER Value	Value and features: Value and features: Value and features: Value and features:	MASTER	Value and features: Value and features: Value and features: Value and features:	MasterConnect	Value and features: Value and features: Value and features: Value and features:
LED spots	 CorePro LEDspot Reflectors	 CorePro LEDspot MV	 MASTER Value LEDspot MV	 MASTER LEDspot ExpertColor MV	 MASTER LEDspot ExpertColor LV	 MasterConnect LEDspot GU10		
	 CorePro LEDspot MR16	 CorePro LEDspot AR111	 MASTER Value LEDspot LV	 MASTER LEDspot PAR	 MASTER LEDspot LV AR111			
	 CorePro LEDspot PAR			 MASTER LEDspot UltraEfficient				
LED bulbs	 CorePro plastic LEDbulbs	 CorePro glass high lumen LEDbulbs	 MASTER Value LEDbulbs	 MASTER glass LEDbulbs	 MASTER LEDbulbs UltraEfficient			
	 CorePro glass LEDbulbs	 CorePro plastic LED specialties	 MASTER Value decorative LEDbulbs	 MASTER plastic LEDbulbs Sensor				
LED candles and lusters	 CorePro plastic LED-candles and LEDlusters	 CorePro glass LED-candles and LEDlusters	 MASTER Value LED-candles and LEDlusters	 MASTER LEDcandles and LEDlusters	 MASTER LEDcandles Ultra Efficient			
			 MASTER Value decorative LEDcandles and LEDlusters					
LED capsules, linears and specialties	 CorePro LEDlinear MV	 CorePro LEDcapsule LV						
	 CorePro LEDcapsule MV							

Real pros make everything shine in the best light

Discover the new Philips MASTER LEDbulb EyeComfort glass CRI95 and offer your customers high-quality light that's easy on their eyes



Energy-saving and long-lasting

- Energy-efficient with up to 146 lm/W
- Long lifetime: 25,000 hrs

Suitable for a variety of indoor applications

- Restaurants
- Hotels
- Residential

Outstanding light quality

- Very high color rendering index (CRI95)
- EyeComfort technology
- DimTone feature

Real pros support sustainability goals with high-performance, ultra-efficient LED

Meet the extended Philips UltraEfficient LED range — our most energy-efficient LED lamps yet

Step into a brighter, more sustainable future

Many companies today are trying to reduce their energy costs – and their corporate carbon footprint. Did you know that lighting on average represents up to 25% of electricity consumption in buildings?² Switching to energy-efficient LED solutions can really make a difference!

Thanks to our cutting-edge technology breakthrough, Philips ultra-efficient LED bulbs, candles, spots, tubes and HID replacement lamps not only offer superior light quality, but also allow your customers to immediately save from 44% to 65% energy compared with standard alternative products.³ Thanks to these savings and the longer service life of LEDs, you can offer attractive payback times! On top of this, the switch to ultra-efficient LEDs also contributes to improved sustainability. And ultra-efficient LED has something to offer for you too: Although the products require less maintenance and replacement, your customer's higher investment brings you a higher profit per light point!

Discover our ultra-efficient solutions at philips.com/ultraefficientprof



¹ This icon has been developed by Signify and is used as a self-certification for the Philips UltraEfficient lamps and luminaires meeting the standards of EU Energy Label A or B (lamps) and tier 3 in IEA 4E SSL ANNEX (luminaires).

² According to Signify modeling and market intelligence data

³ Energy savings of the UltraEfficient products compared with the Philips standard alternative products: Philips MASTER LEDbulb UE 4W A60 saves 50% compared to Philips CorePro LEDbulb A60 60W; Philips MASTER LEDtube UE EELA 1500mm 17.6W saves 44% compared to Philips CorePro LEDtube EM/mains Ultra Output 1500mm 31.5W operating on direct mains; Philips MASTER LEDspot UE 50W EELA saves 45% compared to Philips LEDspot GU10 50W; Philips MASTER SON-T UE 42.8W saves approx. 65% energy compared to Philips SON-T 100W E40 lamps (incl. 10W ballast losses).


Get ready to save energy and costs



Hospitality

Creating a unique and memorable experience for every guest is key to great lighting in hotels, restaurants and other hospitality applications. At the same time, a focus on costs and sustainable solutions is equally important. With Philips LED lamps, you can create welcoming lighting – all while saving on energy and operational costs.

	Halogen	CorePro LEDbulb glass A60 60W	MASTER Value LEDbulb glass A60 60W	MASTER LEDbulb glass A60 60W	UltraEfficient LEDbulb glass A60 60W
Lifetime	2,000 hrs	15,000 hrs	15,000 hrs	25,000 hrs	50,000 hrs
Lamp wattage	42W	7W	5.9W	5.9W	4W
Average buying price/lamp installer ex VAT	1.70 €	3.03 €	4.82 €	6.74 €	6.74 €
Total costs/year/lamp*	48.36€	8.04 €	7.47 €	6.90 €	4.40 €
Number of lamps	100				
Burning hours/year	3,600 hrs				
Total savings/year		4,032 €	4,089 €	4,146 €	4,396 €
Payback period		0.4 months	0.9 months	1.5 months	1.4 months



Choose CorePro LEDbulbs for the most attractive payback time

Choose MASTER Value LEDbulbs for an optimal mix of value and performance

Choose MASTER LEDbulbs for excellent quality of light and attractive payback time

Choose LEDbulbs UE for excellent quality of light, unparalleled savings, and sustainability



Warehouse

In demanding applications, 24/7 operations can run up expensive energy bills. With a super bright light output high lumen LED bulbs combine performance lighting with a long operating life time and high energy savings.

	CFL-i	CorePro LEDbulb high lumen glass 150W
Lifetime	6,000 hrs	15,000 hrs
Lamp wattage	42W	17.5W
Average buying price/lamp installer ex VAT	5.99 €	10.12 €
Total costs/year/lamp*	72.47 €	31.59 €
Number of lamps	100	
Burning hours/year	5,760 hrs	
Total savings/year		4,088 €
Payback period		1.2 months



Choose CorePro LEDbulbs for the most attractive payback time



Residential

Switch to energy-saving LED spots to experience long lasting, quality light. Create the mood you want in any room, choosing from a wide range of light outputs and dimming options. What's best: an LED spot can last up to 22 years, eliminating the hassle of frequent replacement – and saving costs and energy.

	Halogen	CorePro LEDspot GU10 50W	MASTER Value LEDspot GU10 50W	MASTER LEDspot UE GU10 EELA
Lifetime	2,000 hrs	15,000 hrs	25,000 hrs	50,000 hrs
Lamp wattage	50W	4W	4.9W	2.1W
Average buying price/lamp installer ex VAT	1.82 €	3.77 €	3.77 €	19.66 €
Total costs/year/lamp*	19.21 €	1.91 €	1.90 €	1.23 €
Number of lamps	20			
Burning hours/year	1,200 hrs			
Total savings/year		346 €	346 €	360 €
Payback period		1.4 months	1.4 months	11.9 months



Choose CorePro LEDspots for the most attractive payback time

Choose MASTER Value LEDspots for an optimal mix of value and performance


Choose MASTER LEDspot UE for excellent quality of light, unparalleled savings, and sustainability



Shops

Beautiful lighting brings out the best in the products on display and enhances the shopping experience for customers. But with lamps burning for up to 16 hours a day, retailers want solutions that will reduce energy and maintenance costs – and show their green credentials in the best light.

	Halogen	CorePro LEDspot GU10 50W	MASTER Value LEDspot GU10 50W	MASTER LEDspot ExpertColor GU10
Lifetime	2,000 hrs	15,000 hrs	25,000 hrs	40,000 hrs
Lamp wattage	50W	4W	4.9W	5.5W
Average buying price	1.82 €	3.77 €	3.77 €	12.33 €
Total costs/year/lamp*	64.04 €	6.37 €	6.34 €	7.28 €
Number of lamps	100			
Burning hours/year	4,000 hrs			
Total savings/year		5,767 €	5,770 €	5,676 €
Payback period		0.4 months	0.4 months	2.2 months



Choose CorePro LEDspots for the most attractive payback time

Choose MASTER Value LEDspots for an optimal mix of value and performance

Choose MASTER LEDspots for excellent quality of light and extra long service life

All calculations are based on the European average of 0.252 cent/kW hour.
*Including maintenance and lamp replacement cost.

You and Signify – a reliable partnership

Signify, previously known as Philips Lighting, is the world leader in connected LED lighting systems, software and services. We proudly market the best lighting brands in the world, including Philips and Interact.

Close cooperation before, during and after projects is important to us. Our local service teams make sure you always get the competent support and information you need. We are closely working with local wholesalers to offer you flexible and on-time delivery – and product availability you can rely on.

To help you stay on top of your game the [Signify Lighting Academy](#) offers a comprehensive range of educational resources for you to grow your expertise and get certified.

Our global brands

PHILIPS

The Philips brand stands for quality and energy-efficiency in light. For over 125 years, Philips products have been at the forefront of innovation.

Today Philips is recognized as the leading brand in lighting.

interact

Interact is the brand of our IoT software and platform that manages smart lighting systems and the data that those systems collect.

Easy to install and set up, Interact software can be used in a wide range of application areas, from small offices to entire cities.

We aim to help you work faster, better, smoother. How? Check:



Driven by responsible innovation

Signify and Mercedes-AMG PETRONAS F1 Team are driven by a shared passion for technology and the desire to push the boundaries of what is possible.

Our innovations in lighting support the team's ambition to become one of the world's most sustainable in sport, serve the well-being and performance of the team, and deliver powerful experiences for fans, trackside and at home.

[Learn more at](#)

Signify is Official Lighting Partner of Mercedes-AMG PETRONAS F1 Team



Official Lighting Partner





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www.philips.com/ledlamps