



LuxSpace 2 recessed – high efficiency, visual comfort and a stylish design

LuxSpace, recessed

Customers are looking to optimise all their resources, and that means not just their running costs (energy, etc.) but also their human resources. Energy savings are therefore a priority, but they must not have an adverse effect on the well-being of employees, who need a pleasant environment in order to be more productive, or on customers, who want to enjoy their shopping experience. LuxSpace provides the perfect combination of efficiency, light comfort and design, without compromising on lighting performance (colour rendering and colour uniformity). It offers a wide choice of options for creating the desired ambience, no matter the application.

Benefits

- Best-in-class efficacy
- Creates a gentle, natural light, ensuring visual comfort
- Perfect integration with the ceiling thanks to the thin, narrow rim; rimless version ideal for integration into plaster ceilings

LuxSpace, recessed

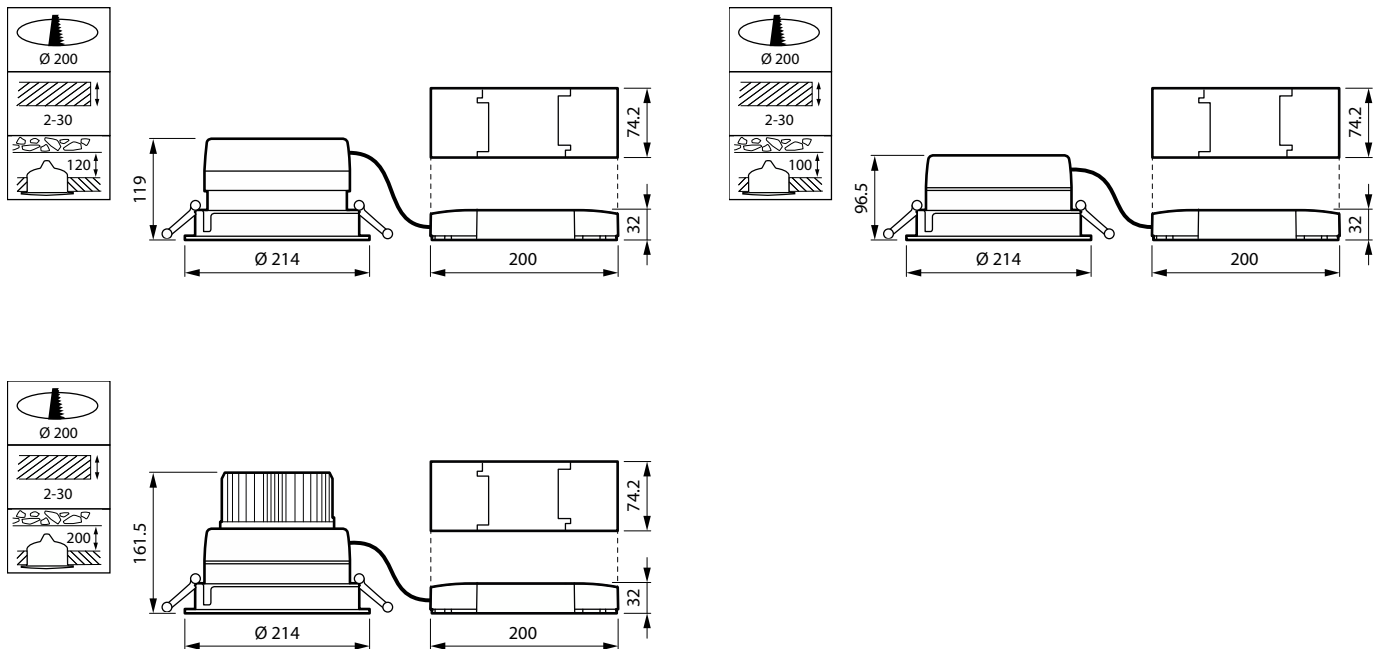
Features

- Choice of four optics: high-gloss, faceted, matt and white
- Heights: deep (up to UGR 19), low (up to UGR 22)
- Light colour: CRI80 3000K ,4000K and CRI90 2700K ,3000K, 4000K (Not for LED40S or LED60S)
- Rim colours: high-gloss metalised, white (RAL9003), grey (RAL9006), black (RAL9004) as standard
- Rimless version available (not for LED40S versions)
- Surface-mounted version available (not for LED60S versions)
- Wireless systems connectivity with Interact Ready versions (Recessed LED24S and LED40S)
- Compliant for central emergency lighting with DC
- Multiple additional options: PG (Protective Glass IP54 front face) and PGO (Protective Glass Opal IP54 front face), 3 Hour emergency options ,suspended deco glass (Opal, Opal disc, Halo), Eca and B2ca class cables (Halogen free) and connectors, through-wiring

Application

- Halls, offices, conference rooms
- Retail
- Hospitals
- Hotels
- Airports
- Museum

Dimensional drawing



General Information

Driver included	Yes
Number of gear units	Unit
Service Tag	Yes

Light Technical

Colour rendering index (CRI)	>80
Optic type	-

Operating and Electrical

Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Suitable for random switching	Yes

Mechanical and Housing

Optical cover type	-
Housing Colour	White
Mech. impact protection code	IK02
Ingress protection code	IP20

Approval and Application

CE mark	Yes
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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General Information

Order Code	Full Product Name	Lamp family code	Light source replaceable
96973800	DN570B LED20S/840 PSU-E C WH	-	No
96975200	DN570B LED20S/840 PSU-E C ELP3 WH	-	No
96989900	DN570B LED20S/840 DIA-VLC-E C WH	-	No
96991200	DN570B LED20S/840 DIA-VLC-E C ELP3 WH	-	No
97015400	DN570B LED40S/840 PSU-E C WH	-	No
97019200	DN570B LED40S/840 DIA-VLC-E C WH	-	No
97030700	DN570B LED40S/TWH PSD-E C WH	-	No
97033800	DN570B LED60S/840 PSU-E C WH	-	No
97035200	DN570B LED60S/840 DIA-VLC-E C WH	-	No
58583600	DN570B LED20S/840UE PSU-E WR WH	20S	Yes
58585000	DN570B LED24S/840UE PSU-E C WH	24S	Yes
96977600	DN571B LED20S/840 PSU-E C WH	-	No
96979000	DN571B LED20S/840 PSU-E C ELP3 WH	-	No
96995000	DN571B LED20S/840 DIA-VLC-E C WH	-	No
96997400	DN571B LED20S/840 DIA-VLC-E C ELP3 WH	-	No
97017800	DN571B LED40S/840 PSU-E C WH	-	No
97021500	DN571B LED40S/840 DIA-VLC-E C WH	-	No
97031400	DN571B LED40S/TWH PSD-E C WH	-	No
58584300	DN571B LED20S/840UE PSU-E WR WH	20S	Yes
58586700	DN571B LED24S/840UE PSU-E C WH	24S	Yes

Light Technical (1/2)

Order Code	Full Product Name	Beam angle of light source	Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)	Luminous Flux
96973800	DN570B LED20S/840 PSU-E C WH	-	4000 K	149 lm/W	2,200 lm
96975200	DN570B LED20S/840 PSU-E C ELP3 WH	-	4000 K	124 lm/W	2,200 lm
96989900	DN570B LED20S/840 DIA-VLC-E C WH	-	4000 K	149 lm/W	2,200 lm
96991200	DN570B LED20S/840 DIA-VLC-E C ELP3 WH	-	4000 K	124 lm/W	2,200 lm

Order Code	Full Product Name	Beam angle of light source	Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)	Luminous Flux
97015400	DN570B LED40S/840 PSU-E C WH	-	4000 K	147 lm/W	4,400 lm
97019200	DN570B LED40S/840 DIA-VLC-E C WH	-	4000 K	147 lm/W	4,400 lm
97030700	DN570B LED40S/TWH PSD-E C WH	- degree(s)	Tunable white 2700-6500 K	100 lm/W	3,100 lm
97033800	DN570B LED60S/840 PSU-E C WH	-	4000 K	141 lm/W	6,200 lm
97035200	DN570B LED60S/840 DIA-VLC-E C WH	-	4000 K	141 lm/W	6,200 lm

LuxSpace, recessed

Order Code	Full Product Name	Beam angle of light source	Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)	Luminous Flux
58583600	DN570B LED20S/840UE PSU-E WR WH	-	4000 K	161 lm/W	2,100 lm
58585000	DN570B LED24S/840UE PSU-E C WH	-	4000 K	160 lm/W	2,400 lm
96977600	DN571B LED20S/840 PSU-E C WH	-	4000 K	149 lm/W	2,200 lm
96979000	DN571B LED20S/840 PSU-E C ELP3 WH	-	4000 K	124 lm/W	2,200 lm
96995000	DN571B LED20S/840 DIA-VLC-E C WH	-	4000 K	149 lm/W	2,200 lm
96997400	DN571B LED20S/840	-	4000 K	124 lm/W	2,200 lm

Order Code	Full Product Name	Beam angle of light source	Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)	Luminous Flux
	DIA-VLC-E C ELP3 WH				
97017800	DN571B LED40S/840 PSU-E C WH	-	4000 K	147 lm/W	4,400 lm
97021500	DN571B LED40S/840 DIA-VLC-E C WH	-	4000 K	147 lm/W	4,400 lm
97031400	DN571B LED40S/TWH PSD-E C WH	-	Tunable white degree(s) 2700-6500 K	100 lm/W	3,100 lm
58584300	DN571B LED20S/840UE PSU-E WR WH	-	4000 K	161 lm/W	2,100 lm
58586700	DN571B LED24S/840UE PSU-E C WH	-	4000 K	160 lm/W	2,400 lm

Light Technical (2/2)

Order Code	Full Product Name	Upwards light output ratio
96973800	DN570B LED20S/840 PSU-E C WH	-
96975200	DN570B LED20S/840 PSU-E C ELP3 WH	-
96989900	DN570B LED20S/840 DIA-VLC-E C WH	-
96991200	DN570B LED20S/840 DIA-VLC-E C ELP3 WH	-
97015400	DN570B LED40S/840 PSU-E C WH	-
97019200	DN570B LED40S/840 DIA-VLC-E C WH	-
97030700	DN570B LED40S/TWH PSD-E C WH	-
97033800	DN570B LED60S/840 PSU-E C WH	-
97035200	DN570B LED60S/840 DIA-VLC-E C WH	-
58583600	DN570B LED20S/840UE PSU-E WR WH	0

Order Code	Full Product Name	Upwards light output ratio
58585000	DN570B LED24S/840UE PSU-E C WH	0
96977600	DN571B LED20S/840 PSU-E C WH	-
96979000	DN571B LED20S/840 PSU-E C ELP3 WH	-
96995000	DN571B LED20S/840 DIA-VLC-E C WH	-
96997400	DN571B LED20S/840 DIA-VLC-E C ELP3 WH	-
97017800	DN571B LED40S/840 PSU-E C WH	-
97021500	DN571B LED40S/840 DIA-VLC-E C WH	-
97031400	DN571B LED40S/TWH PSD-E C WH	-
58584300	DN571B LED20S/840UE PSU-E WR WH	0
58586700	DN571B LED24S/840UE PSU-E C WH	0

Operating and Electrical

Order Code	Full Product Name	Line Frequency	Power Consumption
96973800	DN570B LED20S/840 PSU-E C WH	50 to 60 Hz	14.8 W
96975200	DN570B LED20S/840 PSU-E C ELP3 WH	50 to 60 Hz	17.8 W
96989900	DN570B LED20S/840 DIA-VLC-E C WH	50 to 60 Hz	14.8 W
96991200	DN570B LED20S/840 DIA-VLC-E C ELP3 WH	50 to 60 Hz	17.8 W
97015400	DN570B LED40S/840 PSU-E C WH	0/50/60 Hz	30 W
97019200	DN570B LED40S/840 DIA-VLC-E C WH	50 to 60 Hz	30 W
97030700	DN570B LED40S/TWH PSD-E C WH	50 to 60 Hz	30 W

Order Code	Full Product Name	Line Frequency	Power Consumption
97033800	DN570B LED60S/840 PSU-E C WH	50 to 60 Hz	44 W
97035200	DN570B LED60S/840 DIA-VLC-E C WH	50 to 60 Hz	44 W
58583600	DN570B LED20S/840UE PSU-E WR WH	50 to 60 Hz	13 W
58585000	DN570B LED24S/840UE PSU-E C WH	50 to 60 Hz	15 W
96977600	DN571B LED20S/840 PSU-E C WH	50 to 60 Hz	14.8 W
96979000	DN571B LED20S/840 PSU-E C ELP3 WH	50 to 60 Hz	17.8 W
96995000	DN571B LED20S/840 DIA-VLC-E C WH	50 to 60 Hz	14.8 W

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Order Code	Full Product Name	Line Frequency	Power Consumption
96997400	DN571B LED20S/840 DIA-VLC-E C ELP3 WH	50 to 60 Hz	17.8 W
97017800	DN571B LED40S/840 PSU-E C WH	50 to 60 Hz	30 W
97021500	DN571B LED40S/840 DIA-VLC-E C WH	50 to 60 Hz	30 W

Order Code	Full Product Name	Line Frequency	Power Consumption
97031400	DN571B LED40S/TWH PSD-E C WH	50 to 60 Hz	30 W
58584300	DN571B LED20S/840UE PSU-E WR WH	50 to 60 Hz	13 W
58586700	DN571B LED24S/840UE PSU-E C WH	50 to 60 Hz	15 W

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim
			level
96973800	DN570B LED20S/840 PSU-E C WH	No	-
96975200	DN570B LED20S/840 PSU-E C ELP3 WH	No	-
96989900	DN570B LED20S/840 DIA-VLC-E C WH	Yes	1%
96991200	DN570B LED20S/840 DIA-VLC-E C ELP3 WH	Yes	1%
97015400	DN570B LED40S/840 PSU-E C WH	No	Not applicable
97019200	DN570B LED40S/840 DIA-VLC-E C WH	Yes	1%
97030700	DN570B LED40S/TWH PSD-E C WH	Yes	1%
97033800	DN570B LED60S/840 PSU-E C WH	No	-
97035200	DN570B LED60S/840 DIA-VLC-E C WH	Yes	1%
58583600	DN570B LED20S/840UE PSU-E WR WH	No	Not applicable

Order Code	Full Product Name	Dimmable	Maximum dim
			level
58585000	DN570B LED24S/840UE PSU-E C WH	No	Not applicable
96977600	DN571B LED20S/840 PSU-E C WH	No	-
96979000	DN571B LED20S/840 PSU-E C ELP3 WH	No	-
96995000	DN571B LED20S/840 DIA-VLC-E C WH	Yes	1%
96997400	DN571B LED20S/840 DIA-VLC-E C ELP3 WH	Yes	1%
97017800	DN571B LED40S/840 PSU-E C WH	No	-
97021500	DN571B LED40S/840 DIA-VLC-E C WH	Yes	1%
97031400	DN571B LED40S/TWH PSD-E C WH	Yes	1%
58584300	DN571B LED20S/840UE PSU-E WR WH	No	Not applicable
58586700	DN571B LED24S/840UE PSU-E C WH	No	Not applicable

Emergency Operation

Order Code	Full Product Name	Emergency lighting	Rated duration of the emergency lighting (when fully charged)
96973800	DN570B LED20S/840 PSU-E C WH	-	-
96975200	DN570B LED20S/840 PSU-E C ELP3 WH	Emergency lighting 3-hour duration Pro version	3 h
96989900	DN570B LED20S/840 DIA-VLC-E C WH	-	-
96991200	DN570B LED20S/840 DIA-VLC-E C ELP3 WH	Emergency lighting 3-hour duration Pro version	3 h
97015400	DN570B LED40S/840 PSU-E C WH	-	-
97019200	DN570B LED40S/840 DIA-VLC-E C WH	-	-
97030700	DN570B LED40S/TWH PSD-E C WH	-	-
97033800	DN570B LED60S/840 PSU-E C WH	-	-
97035200	DN570B LED60S/840 DIA-VLC-E C WH	-	-
58583600	DN570B LED20S/840UE PSU-E WR WH	-	-

Order Code	Full Product Name	Emergency lighting	Rated duration of the emergency lighting (when fully charged)
58585000	DN570B LED24S/840UE PSU-E C WH	-	-
96977600	DN571B LED20S/840 PSU-E C WH	-	-
96979000	DN571B LED20S/840 PSU-E C ELP3 WH	Emergency lighting 3-hour duration Pro version	3 h
96995000	DN571B LED20S/840 DIA-VLC-E C WH	-	-
96997400	DN571B LED20S/840 DIA-VLC-E C ELP3 WH	Emergency lighting 3-hour duration Pro version	3 h
97017800	DN571B LED40S/840 PSU-E C WH	-	-
97021500	DN571B LED40S/840 DIA-VLC-E C WH	-	-
97031400	DN571B LED40S/TWH PSD-E C WH	-	-
58584300	DN571B LED20S/840UE PSU-E WR WH	-	-
58586700	DN571B LED24S/840UE PSU-E C WH	-	-

Approval and Application

Order Code	Full Product Name	Ambient temperature range	ENEC mark	Stroboscopic effect
96973800	DN570B LED20S/840 PSU-E C WH	+10 to +25 °C	ENEC mark	-
96975200	DN570B LED20S/840 PSU-E C ELP3 WH	+10 to +25 °C	ENEC mark	-
96989900	DN570B LED20S/840 DIA-VLC-E C WH	+10 to +25 °C	ENEC mark	-
96991200	DN570B LED20S/840 DIA-VLC-E C ELP3 WH	+10 to +25 °C	ENEC mark	-
97015400	DN570B LED40S/840 PSU-E C WH	+10 to +25 °C	ENEC mark	0.4
97019200	DN570B LED40S/840 DIA-VLC-E C WH	+10 to +25 °C	ENEC mark	-
97030700	DN570B LED40S/TWH PSD-E C WH	+10 to +25 °C	-	-
97033800	DN570B LED60S/840 PSU-E C WH	+10 to +25 °C	ENEC mark	-
97035200	DN570B LED60S/840 DIA-VLC-E C WH	+10 to +25 °C	ENEC mark	-
58583600	DN570B LED20S/840UE PSU-E WR WH	+10 to +35 °C	ENEC mark	-

Order Code	Full Product Name	Ambient temperature range	ENEC mark	Stroboscopic effect
58585000	DN570B LED24S/840UE PSU-E C WH	+10 to +35 °C	ENEC mark	-
96977600	DN571B LED20S/840 PSU-E C WH	+10 to +25 °C	ENEC mark	-
96979000	DN571B LED20S/840 PSU-E C ELP3 WH	+10 to +25 °C	ENEC mark	-
96995000	DN571B LED20S/840 DIA-VLC-E C WH	+10 to +25 °C	ENEC mark	-
96997400	DN571B LED20S/840 DIA-VLC-E C ELP3 WH	+10 to +25 °C	ENEC mark	-
97017800	DN571B LED40S/840 PSU-E C WH	+10 to +25 °C	ENEC mark	-
97021500	DN571B LED40S/840 DIA-VLC-E C WH	+10 to +25 °C	ENEC mark	-
97031400	DN571B LED40S/TWH PSD-E C WH	+10 to +25 °C	-	-
58584300	DN571B LED20S/840UE PSU-E WR WH	+10 to +35 °C	ENEC mark	-
58586700	DN571B LED24S/840UE PSU-E C WH	+10 to +35 °C	ENEC mark	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
96973800	DN570B LED20S/840 PSU-E C WH	(0.38, 0.38) SDCM≤2
96975200	DN570B LED20S/840 PSU-E C ELP3 WH	(0.38, 0.38) SDCM≤2
96989900	DN570B LED20S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM≤2
96991200	DN570B LED20S/840 DIA-VLC-E C ELP3 WH	(0.38, 0.38) SDCM≤2
97015400	DN570B LED40S/840 PSU-E C WH	(0.38, 0.38) SDCM≤2
97019200	DN570B LED40S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM≤2
97030700	DN570B LED40S/TWH PSD-E C WH	(0.307,0.326) SDCM≤4
97033800	DN570B LED60S/840 PSU-E C WH	(0.38, 0.38) SDCM≤2
97035200	DN570B LED60S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM≤2
58583600	DN570B LED20S/840UE PSU-E WR WH	-

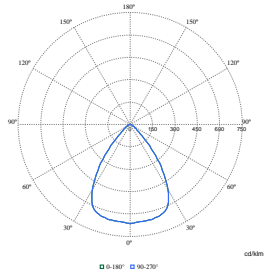
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58585000	DN570B LED24S/840UE PSU-E C WH	-
96977600	DN571B LED20S/840 PSU-E C WH	(0.38, 0.38) SDCM≤2
96979000	DN571B LED20S/840 PSU-E C ELP3 WH	(0.38, 0.38) SDCM≤2
96995000	DN571B LED20S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM≤2
96997400	DN571B LED20S/840 DIA-VLC-E C ELP3 WH	(0.38, 0.38) SDCM≤2
97017800	DN571B LED40S/840 PSU-E C WH	(0.38, 0.38) SDCM≤2
97021500	DN571B LED40S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM≤2
97031400	DN571B LED40S/TWH PSD-E C WH	(0.307,0.326) SDCM≤4
58584300	DN571B LED20S/840UE PSU-E WR WH	-
58586700	DN571B LED24S/840UE PSU-E C WH	-

Product Data

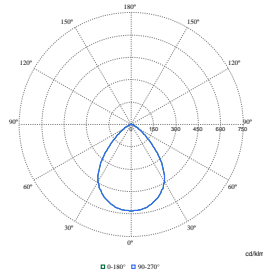
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96975200	DN570B LED20S/840 PSU-E C ELP3 WH	DN570B
96989900	DN570B LED20S/840 DIA-VLC-E C WH	DN570B
96991200	DN570B LED20S/840 DIA-VLC-E C ELP3 WH	DN570B
97015400	DN570B LED40S/840 PSU-E C WH	DN570B
97019200	DN570B LED40S/840 DIA-VLC-E C WH	DN570B
97030700	DN570B LED40S/TWH PSD-E C WH	DN570B
97033800	DN570B LED60S/840 PSU-E C WH	DN570B
97035200	DN570B LED60S/840 DIA-VLC-E C WH	DN570B
58583600	DN570B LED20S/840UE PSU-E WR WH	DN570B

Order Code	Full Product Name	Product family code
58585000	DN570B LED24S/840UE PSU-E C WH	DN570B
96977600	DN571B LED20S/840 PSU-E C WH	DN571B
96979000	DN571B LED20S/840 PSU-E C ELP3 WH	DN571B
96995000	DN571B LED20S/840 DIA-VLC-E C WH	DN571B
96997400	DN571B LED20S/840 DIA-VLC-E C ELP3 WH	DN571B
97017800	DN571B LED40S/840 PSU-E C WH	DN571B
97021500	DN571B LED40S/840 DIA-VLC-E C WH	DN571B
97031400	DN571B LED40S/TWH PSD-E C WH	DN571B
58584300	DN571B LED20S/840UE PSU-E WR WH	DN571B
58586700	DN571B LED24S/840UE PSU-E C WH	DN571B

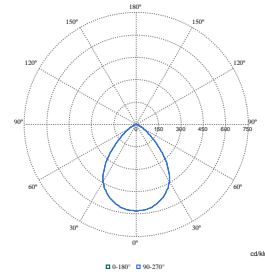
Polar Wide Diagrams



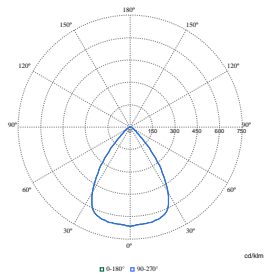
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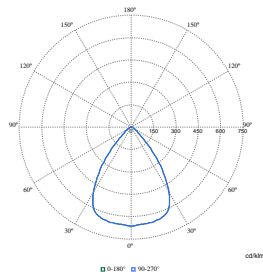
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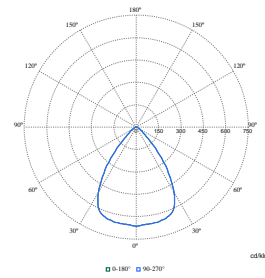
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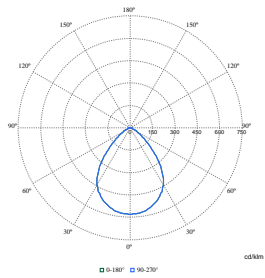
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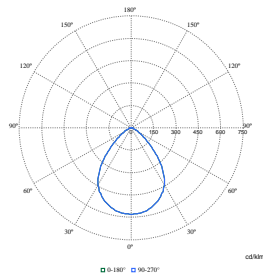
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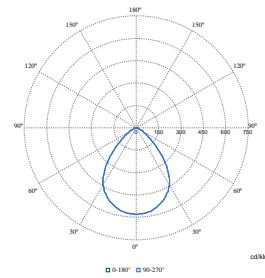
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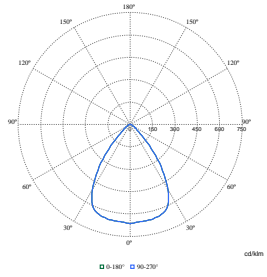


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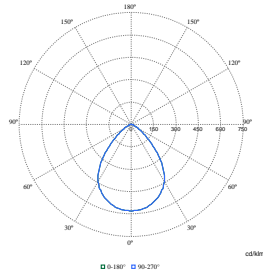


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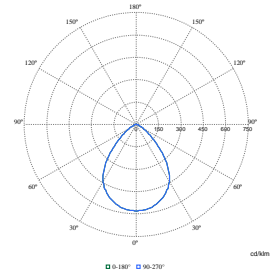
Polar Wide Diagrams



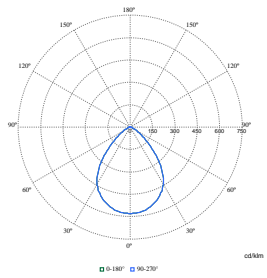
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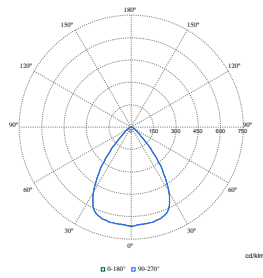
Polar Normal (separate) - DN570BI - 910505100859



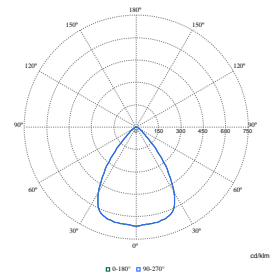
Polar Normal (separate) - DN570BI - 910505100843



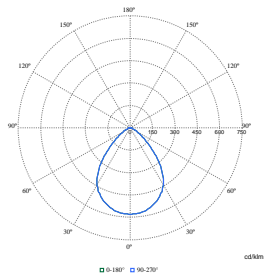
Polar Normal (separate) - DN570BI - 910505100901



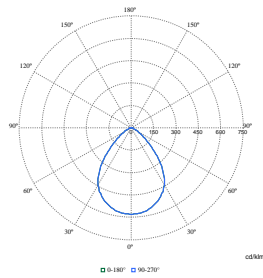
Polar Normal (separate) - DN570BI - 910505100891



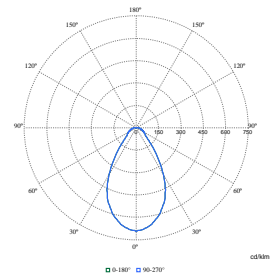
Polar Normal (separate) - DN570BI - 910505100849



Polar Normal (separate) - DN570BI - 910505100889

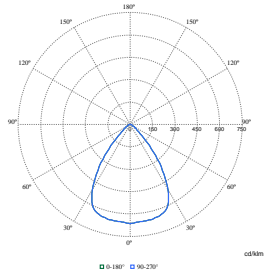


Polar Normal (separate) - DN570BI - 910505102656

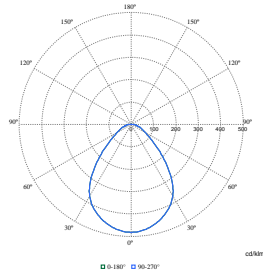


Polar Normal (separate) - DN570BI - 910505102655

Polar Wide Diagrams



Polar Normal (separate) - DN570BI -
910505102657



Polar Normal (separate) - DN570BI -
910505102654

