



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

## LuxSpace, recessed

Customers are looking to optimize 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 (color rendering and color 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

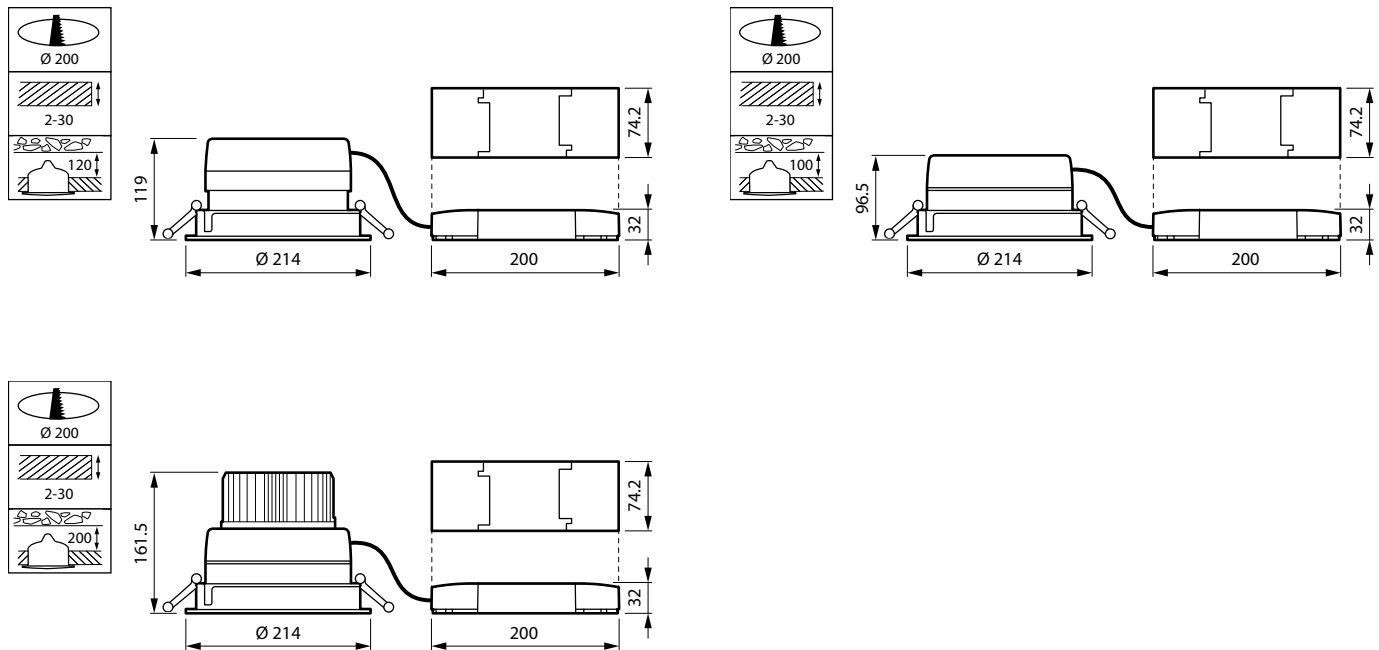
## Features

- Choice of four optics: high-gloss, faceted, matt and white
- Heights: deep (up to UGR 19), low (up to UGR 22)
- Light color: 830, 840, 930 and 827
- Rim colors: high-gloss metalized, white (RAL9010), grey, black (RAL9005) as standard (any other RAL color possible upon request)
- Rimless version available (not for LED40S versions)
- Surface-mounted version available (not for LED40S versions)
- Compliant for central emergency lighting with DC
- Multiple additional options: PG and PGO (IP54 front face), emergency lighting (single battery 3 hours), suspended deco glasses, through-wiring

## Application

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

## Dimensional drawing



### General Information

Driver included	Yes
Light source replaceable	No
Number of gear units	1 unit
Service tag	Yes

### Light Technical

Color 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

Housing Color	White
Mech. impact protection code	IK02
Ingress protection code	IP20

### Approval and Application

Ambient temperature range	+10 to +25 °C
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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### Light Technical

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
96988200	DN570B LED20S/830 DIA-VLC-E C WH	-	3000 K	134 lm/W	2,200 lm
96989900	DN570B LED20S/840 DIA-VLC-E C WH	-	4000 K	149 lm/W	2,200 lm
96998100	DN570B LED24S/830 PSU-E C WH	-	3000 K	130 lm/W	2,600 lm
96999800	DN570B LED24S/840 PSU-E C WH	-	4000 K	141 lm/W	2,600 lm
97002400	DN570B LED24S/830 DIA-VLC-E C WH	-	3000 K	130 lm/W	2,600 lm
97018500	DN570B LED40S/830 DIA-VLC-E C WH	-	3000 K	133 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
97001700	DN571B LED24S/840 PSU-E C WH	-	4000 K	141 lm/W	2,600 lm
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

### Operating and Electrical

Order Code	Full Product Name	Line Frequency	Power Consumption
96988200	DN570B LED20S/830 DIA-VLC-E C WH	50 to 60 Hz	16.4 W
96989900	DN570B LED20S/840 DIA-VLC-E C WH	50 to 60 Hz	14.8 W
96998100	DN570B LED24S/830 PSU-E C WH	0/50/60 Hz	20 W
96999800	DN570B LED24S/840 PSU-E C WH	50 to 60 Hz	18.4 W
97002400	DN570B LED24S/830 DIA-VLC-E C WH	50 to 60 Hz	20 W
97018500	DN570B LED40S/830 DIA-VLC-E C WH	50 to 60 Hz	33 W

Order Code	Full Product Name	Line Frequency	Power Consumption
97030700	DN570B LED40S/TWH PSD-E C WH	50 to 60 Hz	30 W
97033800	DN570B LED60S/840 PSU-E C WH	50 to 60 Hz	44 W
97001700	DN571B LED24S/840 PSU-E C WH	50 to 60 Hz	18.4 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

### Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
96988200	DN570B LED20S/830 DIA-VLC-E C WH	Yes	1%
96989900	DN570B LED20S/840 DIA-VLC-E C WH	Yes	1%

Order Code	Full Product Name	Dimmable	Maximum dim level
96998100	DN570B LED24S/830 PSU-E C WH	No	Not applicable
96999800	DN570B LED24S/840 PSU-E C WH	No	-

Order Code	Full Product Name	Dimmable	Maximum dim level
97002400	DN570B LED24S/830 DIA-VLC-E C WH	Yes	1%
97018500	DN570B LED40S/830 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	-

Order Code	Full Product Name	Dimmable	Maximum dim level
97001700	DN571B LED24S/840 PSU-E C WH	No	-
97017800	DN571B LED40S/840 PSU-E C WH	No	-
97021500	DN571B LED40S/840 DIA-VLC-E C WH	Yes	1%

Approval and Application

		Stroboscopic effect visibility measure	
Order Code	Full Product Name	ENEC mark	(SVM)
96988200	DN570B LED20S/830 DIA-VLC-E C WH	ENEC mark	-
96989900	DN570B LED20S/840 DIA-VLC-E C WH	ENEC mark	-
96998100	DN570B LED24S/830 PSU-E C WH	ENEC mark	0.4
96999800	DN570B LED24S/840 PSU-E C WH	ENEC mark	-
97002400	DN570B LED24S/830 DIA-VLC-E C WH	ENEC mark	-
97018500	DN570B LED40S/830 DIA-VLC-E C WH	ENEC mark	-

		Stroboscopic effect visibility measure	
Order Code	Full Product Name	ENEC mark	(SVM)
97030700	DN570B LED40S/TWH PSD-E C WH	-	-
97033800	DN570B LED60S/840 PSU-E C WH	ENEC mark	-
97001700	DN571B LED24S/840 PSU-E C WH	ENEC mark	-
97017800	DN571B LED40S/840 PSU-E C WH	ENEC mark	-
97021500	DN571B LED40S/840 DIA-VLC-E C WH	ENEC mark	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
96988200	DN570B LED20S/830 DIA-VLC-E C WH	(0.43, 0.40) SDCM≤2
96989900	DN570B LED20S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM≤2
96998100	DN570B LED24S/830 PSU-E C WH	(0.43, 0.40) SDCM≤2
96999800	DN570B LED24S/840 PSU-E C WH	(0.38, 0.38) SDCM≤2
97002400	DN570B LED24S/830 DIA-VLC-E C WH	(0.43, 0.40) SDCM≤2
97018500	DN570B LED40S/830 DIA-VLC-E C WH	(0.43, 0.40) SDCM≤2

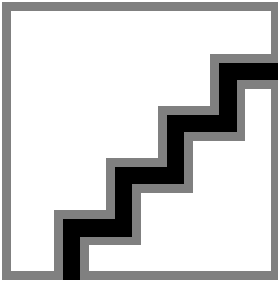
Order Code	Full Product Name	Initial chromaticity
97030700	DN570B LED40S/TWH PSD-E C WH	(0.307,0.326) SDCM≤4
97033800	DN570B LED60S/840 PSU-E C WH	(0.38, 0.38) SDCM≤2
97001700	DN571B LED24S/840 PSU-E C WH	(0.38, 0.38) SDCM≤2
97017800	DN571B LED40S/840 PSU-E C WH	(0.38, 0.38) SDCM≤2
97021500	DN571B LED40S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM≤2

Product Data

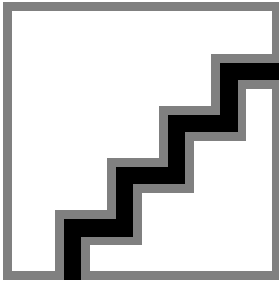
Order Code	Full Product Name	Product family code
96988200	DN570B LED20S/830 DIA-VLC-E C WH	DN570B
96989900	DN570B LED20S/840 DIA-VLC-E C WH	DN570B
96998100	DN570B LED24S/830 PSU-E C WH	DN570B
96999800	DN570B LED24S/840 PSU-E C WH	DN570B
97002400	DN570B LED24S/830 DIA-VLC-E C WH	DN570B
97018500	DN570B LED40S/830 DIA-VLC-E C WH	DN570B

Order Code	Full Product Name	Product family code
97030700	DN570B LED40S/TWH PSD-E C WH	DN570B
97033800	DN570B LED60S/840 PSU-E C WH	DN570B
97001700	DN571B LED24S/840 PSU-E C WH	DN571B
97017800	DN571B LED40S/840 PSU-E C WH	DN571B
97021500	DN571B LED40S/840 DIA-VLC-E C WH	DN571B

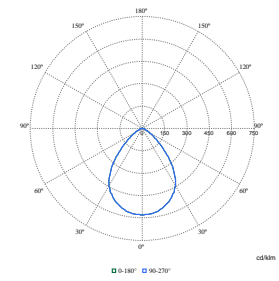
Polar Wide Diagrams



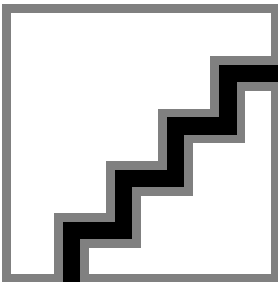
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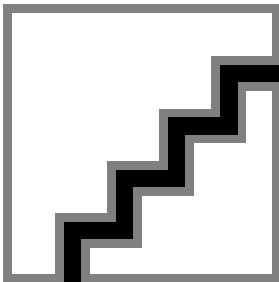
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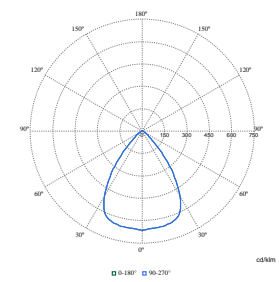
Polar Normal (separate) - DN570BI - 910505100868



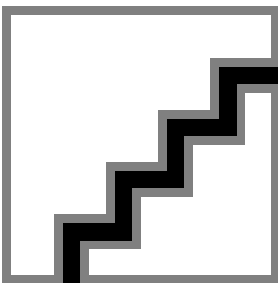
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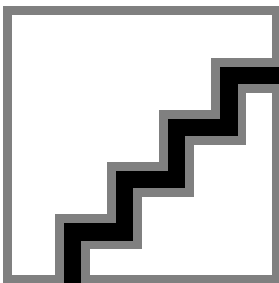
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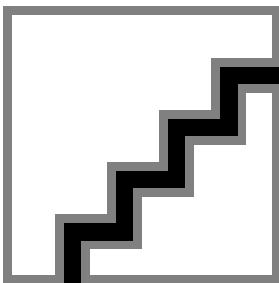
Polar Normal (separate) - DN570BI - 910505100871



Polar Normal (separate) - DN570BI - 910505100859

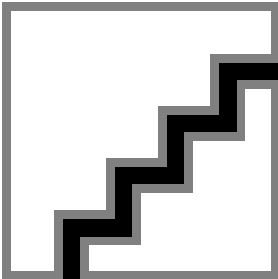


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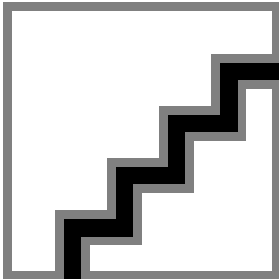


Polar Normal (separate) - DN570BI - 910505100901

Polar Wide Diagrams



Polar Normal (separate) - DN570BI -  
910505100858



Polar Normal (separate) - DN570BI -  
910505100891

