



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

## LuxSpace Mini, recessed

Customers are looking to optimise all their resources, and that means not just their running costs (energy, etc.) but also user costs where they see much a bigger impact on return. Therefore, LuxSpace is designed to provide the perfect combination of efficiency, visual comfort and design, without compromising on lighting performance (colour rendering and light distribution). It offers a wide choice of options for creating the desired ambience to support user comfort, whatever the application.

### Benefits

- Best-in-class efficacy with up to 150 lm/W
- Creates a gentle, natural light, ensuring visual comfort
- Perfect ceiling integration with narrow rim or rimless version for plaster ceilings
- Improved glare control with office compliancy
- Provides uniform lighting thanks to wide light distribution

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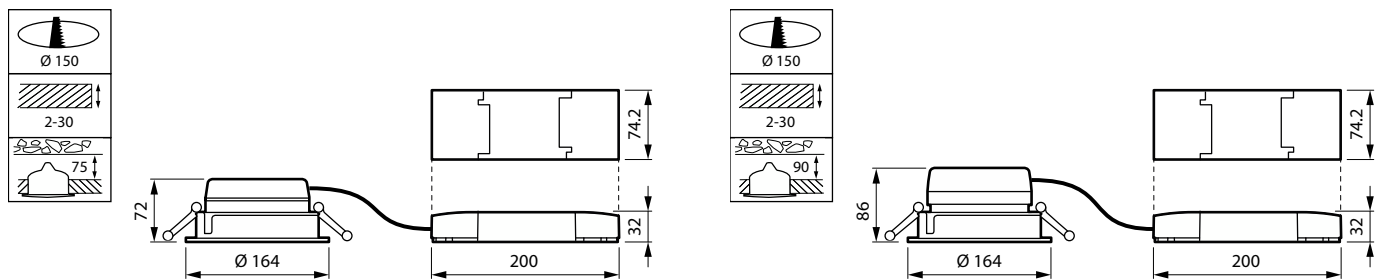
### Features

- Choice of four optics: high-gloss, faceted, matt and white
- Heights: deep (up to UGR 19), low (up to UGR 22)
- Rim colours: high-gloss metalised, white (RAL9003), grey (RAL9006), black (RAL9004) as standard
- Rimless version available
- Light colour: CRI80 3000K ,4000K and CRI90 2700, 3000K and 4000K
- Compliant for central emergency lighting with DC
- Multiple additional options: PG (Protection Glass front face) and PGO (IP54 Protection Glass Opal front face), 3 Hours emergency, through-wiring, Eca and B2ca class cable(Halogen free) and connector options

### Application

- Offices
- Retail
- Hospitals and care centres
- Hospitality

### Dimensional drawing



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General Information	
Driver included	Yes
Number of gear units	Unit
Service Tag	Yes
Light Technical	
Correlated Colour Temperature (Nom)	4000 K
Colour rendering index (CRI)	>80
Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Mechanical and Housing	
Optical cover type	-
Housing Colour	White
Mech. impact protection code	IK02
Ingress protection code	IP20
Approval and Application	
CE mark	Yes
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

General Information

Order Code	Full Product Name	Lamp family code	Light source replaceable
97049900	DN561B LED12S/840 PSU-E C WH	-	No
97055000	DN561B LED12S/840 DIA-VLC-E C WH	-	No
58580500	DN561B LED12S/840UE PSU-E C WH	12S	Yes
97045100	DN560B LED12S/840 PSU-E C WH	-	No
97051200	DN560B LED12S/840 PSU-E C ELP3 WH	-	No
97053600	DN560B LED12S/840 DIA-VLC-E C WH	-	No
97057400	DN560B LED20S/840 PSU-E C WH	-	No
58579900	DN560B LED12S/840UE PSU-E C WH	12S	Yes

Light Technical

Order Code	Full Product Name	Luminous efficacy (rated)	Luminous Flux	Optic type	Upwards light output ratio
		(nom.)			
97049900	DN561B LED12S/840 PSU-E C WH	138 lm/W	1,350 lm	-	-
97055000	DN561B LED12S/840 DIA-VLC-E C WH	138 lm/W	1,350 lm	-	-
58580500	DN561B LED12S/840UE PSU-E C WH	150 lm/W	1,200 lm	High-gloss mirror	0
97045100	DN560B LED12S/840 PSU-E C WH	138 lm/W	1,350 lm	-	-
97051200	DN560B LED12S/840 PSU-E C ELP3 WH	105 lm/W	1,350 lm	-	-

Order Code	Full Product Name	Luminous efficacy (rated)	Luminous Flux	Optic type	Upwards light output ratio
		(nom.)			
97053600	DN560B LED12S/840 DIA-VLC-E C WH	138 lm/W	1,350 lm	-	-
97057400	DN560B LED20S/840 PSU-E C WH	134 lm/W	2,200 lm	-	-
58579900	DN560B LED12S/840UE PSU-E C WH	150 lm/W	1,200 lm	High-gloss mirror	0

Operating and Electrical

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Order Code	Full Product Name	Power Consumption	Suitable for
			random switching
97049900	DN561B LED12S/840 PSU-E C WH	9.8 W	Yes
97055000	DN561B LED12S/840 DIA-VLC-E C WH	9.8 W	Yes
58580500	DN561B LED12S/840UE PSU-E C WH	8.2 W	No
97045100	DN560B LED12S/840 PSU-E C WH	9.8 W	Yes
97051200	DN560B LED12S/840 PSU-E C ELP3 WH	12.8 W	Yes

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
97049900	DN561B LED12S/840 PSU-E C WH	No	-
97055000	DN561B LED12S/840 DIA-VLC-E C WH	Yes	1%
58580500	DN561B LED12S/840UE PSU-E C WH	No	Not applicable
97045100	DN560B LED12S/840 PSU-E C WH	No	-

Emergency Operation

Order Code	Full Product Name	Emergency lighting	Rated duration of the emergency lighting (when fully charged)
97049900	DN561B LED12S/840 PSU-E C WH	-	-
97055000	DN561B LED12S/840 DIA-VLC-E C WH	-	-
58580500	DN561B LED12S/840UE PSU-E C WH	-	-
97045100	DN560B LED12S/840 PSU-E C WH	-	-
97051200	DN560B LED12S/840 PSU-E C ELP3 WH	Emergency lighting 3-hour	3 h

Approval and Application

Order Code	Full Product Name	Ambient temperature range	Flammability mark
97049900	DN561B LED12S/840 PSU-E C WH	+10 to +25 °C	For mounting on normally flammable surfaces
97055000	DN561B LED12S/840 DIA-VLC-E C WH	+10 to +25 °C	For mounting on normally flammable surfaces
58580500	DN561B LED12S/840UE PSU-E C WH	+10 to +35 °C	-
97045100	DN560B LED12S/840 PSU-E C WH	+10 to +25 °C	For mounting on normally flammable surfaces

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Power Consumption	Suitable for
			random switching
97053600	DN560B LED12S/840 DIA-VLC-E C WH	9.8 W	Yes
97057400	DN560B LED20S/840 PSU-E C WH	16.4 W	Yes
58579900	DN560B LED12S/840UE PSU-E C WH	8.2 W	No

Order Code	Full Product Name	Dimmable	Maximum dim level
97051200	DN560B LED12S/840 PSU-E C ELP3 WH	No	-
97053600	DN560B LED12S/840 DIA-VLC-E C WH	Yes	1%
97057400	DN560B LED20S/840 PSU-E C WH	No	-
58579900	DN560B LED12S/840UE PSU-E C WH	No	Not applicable

Order Code	Full Product Name	Emergency lighting	Rated duration of the emergency lighting (when fully charged)
		duration Pro version	
97053600	DN560B LED12S/840 DIA-VLC-E C WH	-	-
97057400	DN560B LED20S/840 PSU-E C WH	-	-
58579900	DN560B LED12S/840UE PSU-E C WH	-	-

Order Code	Full Product Name	Ambient temperature range	Flammability mark
97051200	DN560B LED12S/840 PSU-E C ELP3 WH	+10 to +25 °C	For mounting on normally flammable surfaces
97053600	DN560B LED12S/840 DIA-VLC-E C WH	+10 to +25 °C	For mounting on normally flammable surfaces
97057400	DN560B LED20S/840 PSU-E C WH	+10 to +25 °C	For mounting on normally flammable surfaces
58579900	DN560B LED12S/840UE PSU-E C WH	+10 to +35 °C	-

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Order Code	Full Product Name	Initial chromaticity
97049900	DN561B LED12S/840 PSU-E C WH	(0.38, 0.38) SDCM <2
97055000	DN561B LED12S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM <2
58580500	DN561B LED12S/840UE PSU-E C WH	-
97045100	DN560B LED12S/840 PSU-E C WH	(0.38, 0.38) SDCM <2

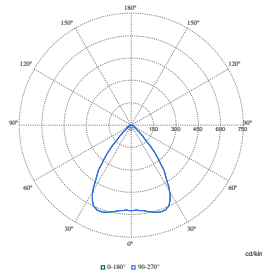
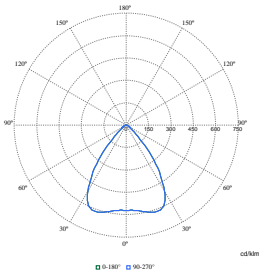
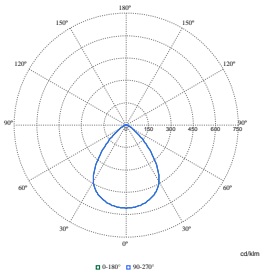
Order Code	Full Product Name	Initial chromaticity
97051200	DN560B LED12S/840 PSU-E C ELP3 WH	(0.38, 0.38) SDCM <2
97053600	DN560B LED12S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM <2
97057400	DN560B LED20S/840 PSU-E C WH	(0.38, 0.38) SDCM <2
58579900	DN560B LED12S/840UE PSU-E C WH	-

Product Data

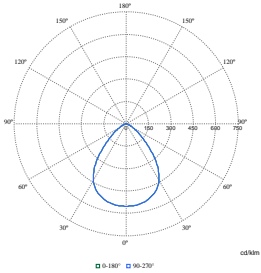
Order Code	Full Product Name	Product family code
97049900	DN561B LED12S/840 PSU-E C WH	DN561B
97055000	DN561B LED12S/840 DIA-VLC-E C WH	DN561B
58580500	DN561B LED12S/840UE PSU-E C WH	DN561B
97045100	DN560B LED12S/840 PSU-E C WH	DN560B

Order Code	Full Product Name	Product family code
97051200	DN560B LED12S/840 PSU-E C ELP3 WH	DN560B
97053600	DN560B LED12S/840 DIA-VLC-E C WH	DN560B
97057400	DN560B LED20S/840 PSU-E C WH	DN560B
58579900	DN560B LED12S/840UE PSU-E C WH	DN560B

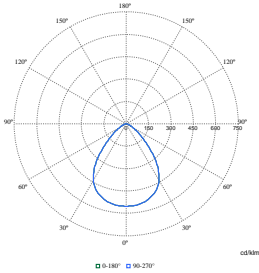
Polar Wide Diagrams



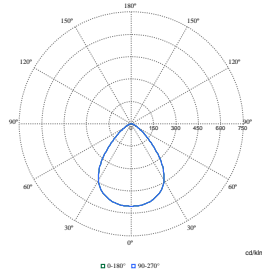
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Polar Normal (separate) - DN560BI - 910505100920



Polar Normal (separate) - DN560BI - 910505100926



Polar Normal (separate) - DN560BI - 910505100922



Polar Normal (separate) - DN560BI - 910505100916

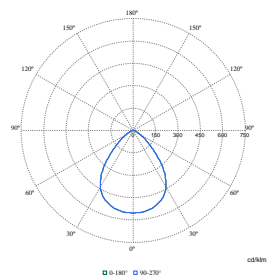


Polar Normal (separate) - DN560BI - 910505100924

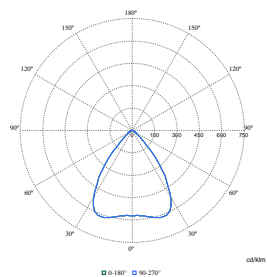


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Polar Wide Diagrams



Polar Normal (separate) - DN560BI -  
910505102650



Polar Normal (separate) - DN560BI -  
910505102651

