

LuxSpace Mini, recessed

DN560B



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

Customers are looking to optimize all their resources, and that means not just their running costs (energy, etc.) but also user costs where they see much bigger impact on return. Therefore, LuxSpace is designed to provide the perfect combination of efficiency, visual comfort and design, without compromising on lighting performance (color rendering and light distribution). It offers a wide choice of options for creating the desired ambience to support user comfort, no matter the application is.

Benefits

- Best-in-class efficacy with up to 150lm/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

Applications

- Offices
- Retail
- Hospitals and Care Centers
- Hospitality

Features

- Mini version for recessed with 150mm cut-out diameter (DN560B/DN561B)
- Choice of four optics: high-gloss, faceted, matt and white
- UGR19 and UGR22 versions with different product heights
- Selection of colors: High-gloss metalized, white (RAL9003), grey (RAL9006), black (RAL9004) as standard (any other RAL color possible upon request)

- Compliant for central emergency lighting with DC (upon request)
- Multiple additional options: Emergency lighting (single battery 3 hours), through-wiring, Eca and B2ca cable & connector options
- Extended useful lifetime 50,000 hours at L90

Versions

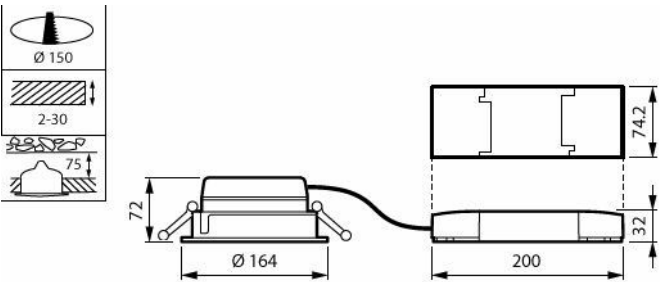


IPPR_DN560Bi_0001-Product photo

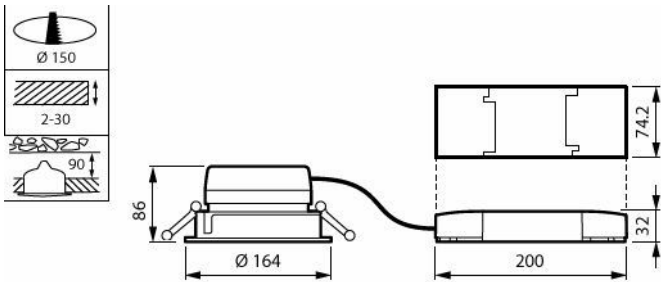


IPPR_DN560Bi_0009-Product photo

Dimensional drawing



LuxSpace2 Mini Low height recessed



LuxSpace2 Mini Deep recessed

General Information

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

Light Technical

Color rendering index (CRI)	>80
Optic type	-

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	Yes
Protection class IEC	Safety class II

Controls and Dimming

Maximum dim level	1%
Embedded control	Visible light communication

Mechanical and Housing

Housing Color	White
Mech. impact protection code	IK02 [0.2 J standard]

Emergency Operation

Rated duration of the emergency lighting (when fully charged)	3 hour(s)
Central Emergency	No
Emergency lighting	Emergency lighting 3 hours duration Pro version

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Ambient temperature range	+10 to +25 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
910505100919	DN561B LED12S/830UE PSU-E C WH	1,200 lm	3000 K	150 lm/W
910505100920	DN561B LED12S/840UE PSU-E C WH	1,250 lm	4000 K	158 lm/W
910505100926	DN561B LED12S/840UE DIA-VLC-E C WH	1,250 lm	4000 K	144 lm/W
910505100915	DN560B LED12S/830UE PSU-E C WH	1,200 lm	3000 K	150 lm/W
910505100916	DN560B LED12S/840UE PSU-E C WH	1,250 lm	4000 K	158 lm/W

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
910505100917	DN560B LED12S/830UE PSU-E C PG WH	1,150 lm	3000 K	144 lm/W
910505100918	DN560B LED12S/840UE PSU-E C PG WH	1,200 lm	4000 K	152 lm/W
910505100921	DN560B LED12S/830UE PSU-E C ELP3 WH	1,200 lm	3000 K	100 lm/W
910505100922	DN560B LED12S/840UE PSU-E C ELP3 WH	1,250 lm	4000 K	106 lm/W
910505100923	DN560B LED12S/830UE DIA-VLC-E C WH	1,200 lm	3000 K	137 lm/W
910505100924	DN560B LED12S/840UE DIA-VLC-E C WH	1,250 lm	4000 K	144 lm/W
910505100927	DN560B LED20S/830UE PSU-E C WH	2,100 lm	3000 K	163 lm/W
910505100928	DN560B LED20S/840UE PSU-E C WH	2,200 lm	4000 K	172 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505100919	DN561B LED12S/830UE PSU-E C WH	8.1 W
910505100920	DN561B LED12S/840UE PSU-E C WH	8.1 W
910505100926	DN561B LED12S/840UE DIA-VLC-E C WH	8.9 W
910505100915	DN560B LED12S/830UE PSU-E C WH	8.1 W
910505100916	DN560B LED12S/840UE PSU-E C WH	8.1 W
910505100917	DN560B LED12S/830UE PSU-E C PG WH	8.1 W
910505100918	DN560B LED12S/840UE PSU-E C PG WH	8.1 W
910505100921	DN560B LED12S/830UE PSU-E C ELP3 WH	12 W
910505100922	DN560B LED12S/840UE PSU-E C ELP3 WH	12 W
910505100923	DN560B LED12S/830UE DIA-VLC-E C WH	8.9 W
910505100924	DN560B LED12S/840UE DIA-VLC-E C WH	8.9 W
910505100927	DN560B LED20S/830UE PSU-E C WH	13 W
910505100928	DN560B LED20S/840UE PSU-E C WH	13 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
910505100919	DN561B LED12S/830UE PSU-E C WH	No
910505100920	DN561B LED12S/840UE PSU-E C WH	No
910505100926	DN561B LED12S/840UE DIA-VLC-E C WH	Yes
910505100915	DN560B LED12S/830UE PSU-E C WH	No
910505100916	DN560B LED12S/840UE PSU-E C WH	No
910505100917	DN560B LED12S/830UE PSU-E C PG WH	No
910505100918	DN560B LED12S/840UE PSU-E C PG WH	No
910505100921	DN560B LED12S/830UE PSU-E C ELP3 WH	No
910505100922	DN560B LED12S/840UE PSU-E C ELP3 WH	No
910505100923	DN560B LED12S/830UE DIA-VLC-E C WH	Yes
910505100924	DN560B LED12S/840UE DIA-VLC-E C WH	Yes
910505100927	DN560B LED20S/830UE PSU-E C WH	No
910505100928	DN560B LED20S/840UE PSU-E C WH	No

Mechanical and Housing

Order Code	Full Product Name	Ingress protection code
910505100919	DN561B LED12S/830UE PSU-E C WH	IP20
910505100920	DN561B LED12S/840UE PSU-E C WH	IP20
910505100926	DN561B LED12S/840UE DIA-VLC-E C WH	IP20
910505100915	DN560B LED12S/830UE PSU-E C WH	IP20
910505100916	DN560B LED12S/840UE PSU-E C WH	IP20
910505100917	DN560B LED12S/830UE PSU-E C PG WH	IP20/54
910505100918	DN560B LED12S/840UE PSU-E C PG WH	IP20/54
910505100921	DN560B LED12S/830UE PSU-E C ELP3 WH	IP20
910505100922	DN560B LED12S/840UE PSU-E C ELP3 WH	IP20
910505100923	DN560B LED12S/830UE DIA-VLC-E C WH	IP20
910505100924	DN560B LED12S/840UE DIA-VLC-E C WH	IP20
910505100927	DN560B LED20S/830UE PSU-E C WH	IP20
910505100928	DN560B LED20S/840UE PSU-E C WH	IP20

Initial Performance (IEC Compliant)

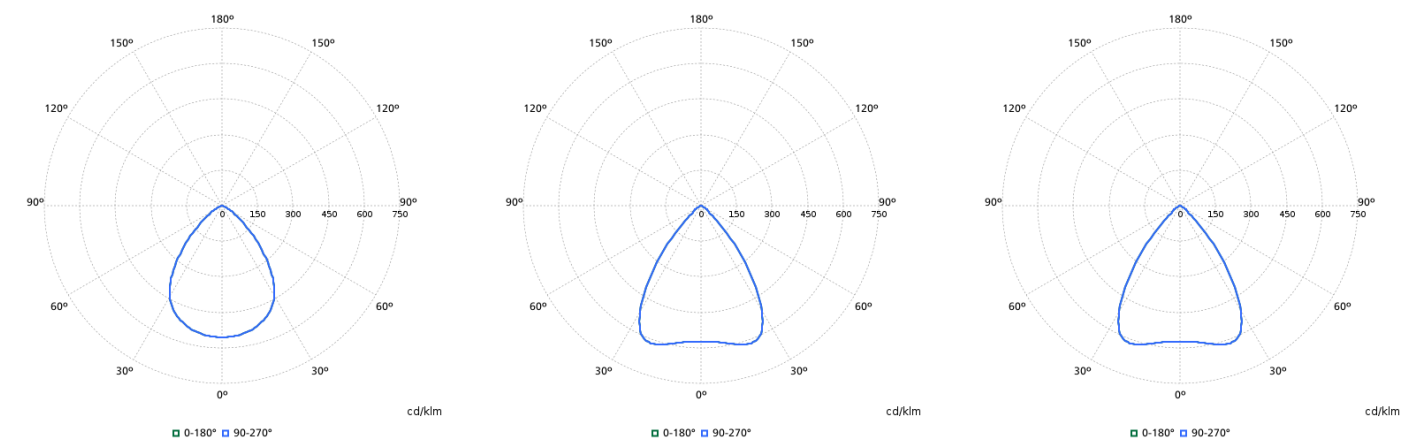
Order Code	Full Product Name	Initial chromaticity
910505100919	DN561B LED12S/830UE PSU-E C WH	(0.43, 0.40) SDCM <2
910505100920	DN561B LED12S/840UE PSU-E C WH	(0.38, 0.38) SDCM <2
910505100926	DN561B LED12S/840UE DIA-VLC-E C WH	(0.38, 0.38) SDCM <2
910505100915	DN560B LED12S/830UE PSU-E C WH	(0.43, 0.40) SDCM <2
910505100916	DN560B LED12S/840UE PSU-E C WH	(0.38, 0.38) SDCM <2
910505100917	DN560B LED12S/830UE PSU-E C PG WH	(0.43, 0.40) SDCM <2
910505100918	DN560B LED12S/840UE PSU-E C PG WH	(0.38, 0.38) SDCM <2
910505100921	DN560B LED12S/830UE PSU-E C ELP3 WH	(0.43, 0.40) SDCM <2
910505100922	DN560B LED12S/840UE PSU-E C ELP3 WH	(0.38, 0.38) SDCM <2
910505100923	DN560B LED12S/830UE DIA-VLC-E C WH	(0.43, 0.40) SDCM <2
910505100924	DN560B LED12S/840UE DIA-VLC-E C WH	(0.38, 0.38) SDCM <2
910505100927	DN560B LED20S/830UE PSU-E C WH	(0.43, 0.40) SDCM <2
910505100928	DN560B LED20S/840UE PSU-E C WH	(0.38, 0.38) SDCM <2

Product Data

Order Code	Full Product Name	Product family code
910505100919	DN561B LED12S/830UE PSU-E C WH	DN561B
910505100920	DN561B LED12S/840UE PSU-E C WH	DN561B
910505100926	DN561B LED12S/840UE DIA-VLC-E C WH	DN561B
910505100915	DN560B LED12S/830UE PSU-E C WH	DN560B
910505100916	DN560B LED12S/840UE PSU-E C WH	DN560B
910505100917	DN560B LED12S/830UE PSU-E C PG WH	DN560B
910505100918	DN560B LED12S/840UE PSU-E C PG WH	DN560B

Order Code	Full Product Name	Product family code
910505100921	DN560B LED12S/830UE PSU-E C ELP3 WH	DN560B
910505100922	DN560B LED12S/840UE PSU-E C ELP3 WH	DN560B
910505100923	DN560B LED12S/830UE DIA-VLC-E C WH	DN560B
910505100924	DN560B LED12S/840UE DIA-VLC-E C WH	DN560B
910505100927	DN560B LED20S/830UE PSU-E C WH	DN560B
910505100928	DN560B LED20S/840UE PSU-E C WH	DN560B

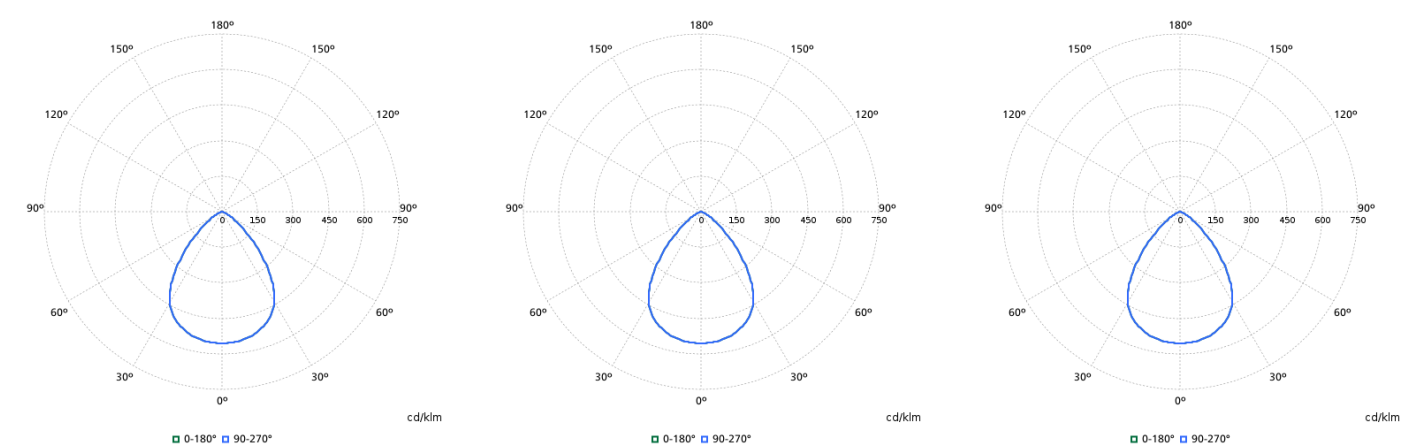
Polar normal diagrams



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DN560BI - 910505100920

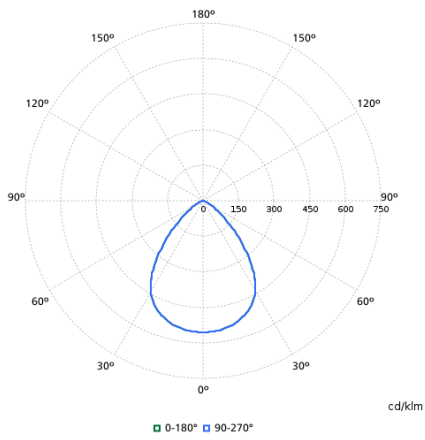
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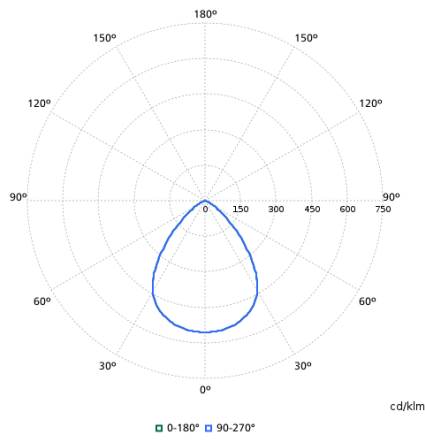
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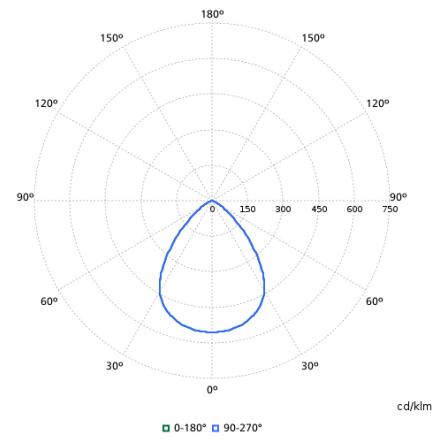
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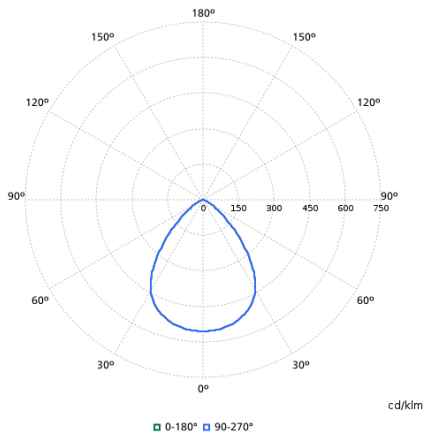
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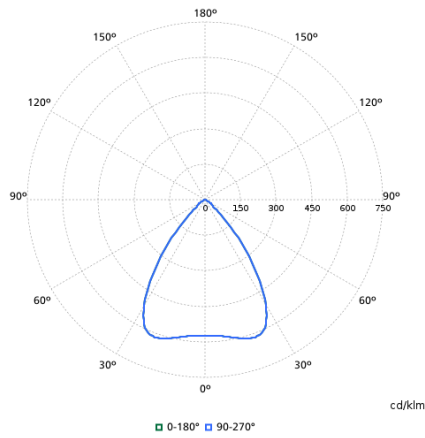
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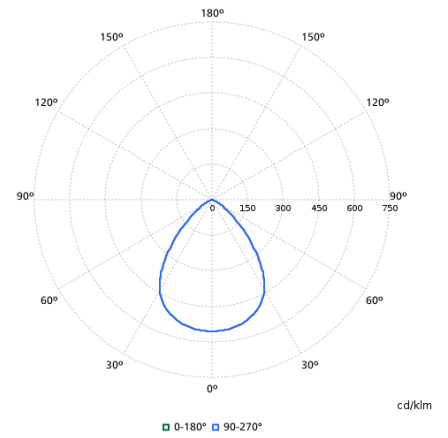
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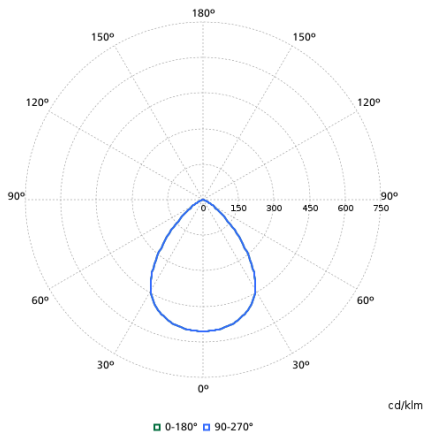
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DN560BI - 910505100919



DN560BI - 910505100915



DN560BI - 910505100923