



LuxSpace Mini, recessed

DN560B LED12S/830UE PSU-E C WH

LuxSpace Mini, recessed, downlight, UltraEfficient, 8.1 W, D150 mm, 1200 lm, 3000 K, High-gloss reflector, IP20

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.

Product data

General Information		Light source color	
Light source replaceable	No	Light source color	830 warm white
Number of gear units	1 unit	Optic type	-
Driver included	Yes	Luminaire light beam spread	80°
Service tag	Yes	Unified glare rating CEN	22
Lighting Technology		Operating and Electrical	
Lighting Technology	LED	Input Voltage	220 to 240 V
Mounting	Recessed	Line Frequency	50 to 60 Hz
Value ladder	Specification	Inrush current	16 A
Warranty period	5 years	Inrush time	0.195 ms
Light Technical		Power Consumption	8.1 W
Luminous Flux	1,200 lm	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	3000 K	Connection	Push-in connector and pull relief
Luminous Efficacy (rated) (Nom)	150 lm/W	Cable	-
Color rendering index (CRI)	>80		

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Number of products on MCB of 16 A type B	65
Suitable for random switching	Yes
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	-
Reflector Finish	High-gloss reflector
Overall height	72 mm
Overall diameter	164 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	0.800 kg

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
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	+10 to +25 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <2
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90

Sustainability Data

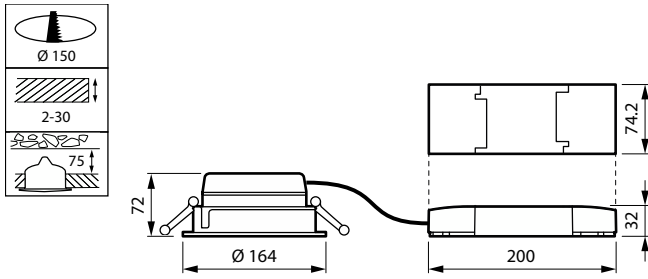
Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Embedded carbon (A1-A3)	14.4 kg CO ₂ e
Product non-virgin material ratio	8.78 %
Recyclable content ratio of the finished product	44 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kwh)
GWP total B6 (kg CO ₂ eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) / lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kwh)

Product Data

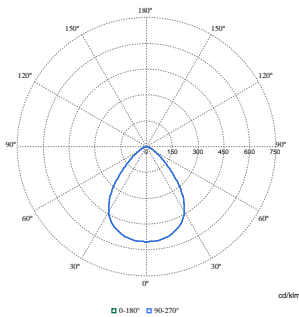
Order product name	DN560B LED12S/830UE PSU-E C WH
Full product name	DN560B LED12S/830UE PSU-E C WH
Full product code	871869997044400
Order code	910505100915
Material Nr. (12NC)	910505100915
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699970444
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699970444
Product family code	DN560B [LuxSpace2 Mini Low height recessed]

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Dimensional drawing



Photometric data



Polar Normal (separate) - DN560BI - 910505100915

