



# LuxSpace Mini, recessed

## DN560B LED12S/830UE PSU-E C PG WH

LuxSpace Mini, recessed, downlight, UltraEfficient, 8.1 W, D150 mm, 1150 lm, 3000 K, High-gloss reflector, Clear, IP20/54

downlight, D150 mm, Aluminum die cast, White, Signal white (RAL9003), Recessed, Power supply unit external (On/Off), 1150 lm, 8.1 W, 144 lm/W, 3000 K, (0.43, 0.40) SDCM <2, High-gloss reflector, Clear, Glass, IP20/54 | Finger-protected; dust accumulation-protected, splash-proof, IK02 | 0.2 J standard, Safety class II, Push-in connector and pull relief

### Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Lighting Technology	LED
Mounting	Recessed
Value ladder	Specification
Warranty period	5 years
Light Technical	
Luminous Flux	1,150 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	144 lm/W
Color rendering index (CRI)	>80
Light source color	830 warm white

Optic type	-
Luminaire light beam spread	80°
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	16 A
Inrush time	0.195 ms
Power Consumption	8.1 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	65
Suitable for random switching	Yes

## LuxSpace Mini, recessed

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	Glass
Fixation material	Steel
Housing Color	White
Optical cover finish	Clear
Reflector Finish	High-gloss reflector
Overall height	72 mm
Overall diameter	164 mm
Nominal Ceiling cut-out diameter	150 mm
Ingress protection code	IP20/54 [Finger-protected; dust accumulation-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Mounting	Recessed
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) L90 at median useful life* 50000 h	

### Sustainability Data

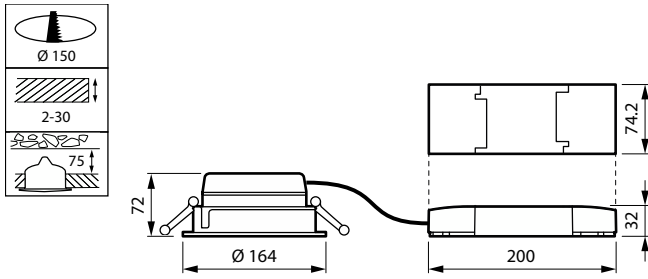
Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Embedded carbon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

### Product Data

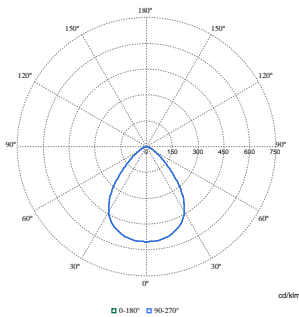
Order product name	DN560B LED12S/830UE PSU-E C PG WH
Full product name	DN560B LED12S/830UE PSU-E C PG WH
Full product code	871869997046800
Order code	910505100917
Material Nr. (12NC)	910505100917
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699970468
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699970468
Product family code	DN560B [LuxSpace2 Mini Low height recessed]

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## Dimensional drawing



## Photometric data



Polar Normal (separate) - DN560BI - 910505100917

