LuxSpace Mini, recessed

DN560B LED8S/840 DIA-VLC-E C WH

LuxSpace Mini, recessed, 6 W, D150 mm, 840 lm, 4000 K, DALI, Interact Ready, High-gloss reflector, VLC, 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 replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Lighting Technology	LED
Value ladder	Specification
Warranty period	5 years
Sustainability rating	-

Light Technical	
Luminous Flux	840 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral 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	6 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	24

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Suitable for random switching	Yes
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Dali dimming Intaract System ready visual light communicaton enabled external
Control interface	DALI
Constant light output	No
DALI Standard	D4i™ DALI-2™
Maximum dim level	1%
Connectivity	Interact Ready

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	74 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	(0.38, 0.38) SDCM <2
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤2

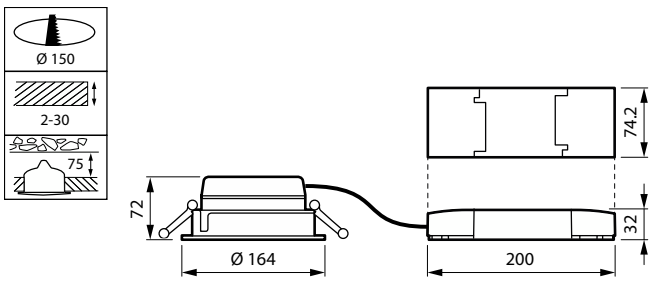
Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L90

Product Data

Order product name	DN560B LED8S/840 DIA-VLC-E C WH
Full product name	DN560B LED8S/840 DIA-VLC-E C WH
Full product code	871869997041300
Order code	910505100912
Material Nr. (12NC)	910505100912
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699970413
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699970413
Product family code	DN560B [LuxSpace2 Mini Low height recessed]

Dimensional drawing



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