LuxSpace, recessed

DN570B LED20S/840 DIA-VLC-E C PG WH

LuxSpace, recessed, 14.8 W, D200 mm, 2200 lumen, 4000 K, DALI, Interact Ready, High-gloss reflector, Clear, IP20/54

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. For office applications LuxSpace supports health and wellbeing having dedicated Tunable White products and lighting controls.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Product family code	DN570B [LUXSPACE 2 COMPACT LOW HEIGHT]
Connectivity	Interact Ready
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark

Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	2,200 lumen
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	149 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	
Line Frequency	50 to 60 Hz

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Input Voltage	220 to 240 V
Inrush current	16 A
Inrush time	0.195 ms
Power Consumption	14.8 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

Temperature

Ambient temperature range	+10 to +25 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface and constant light output, external
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Steel
Housing Color	White
Optical cover/lens finish	Clear
Reflector Finish	High-gloss reflector
Overall height	96 mm
Overall diameter	214 mm

Approval and Application

Ingress protection code	IP20/54 [Finger-protected; dust accumulation-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM≤2
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

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
Lumen maintenance at median useful life* 100000 h	L80

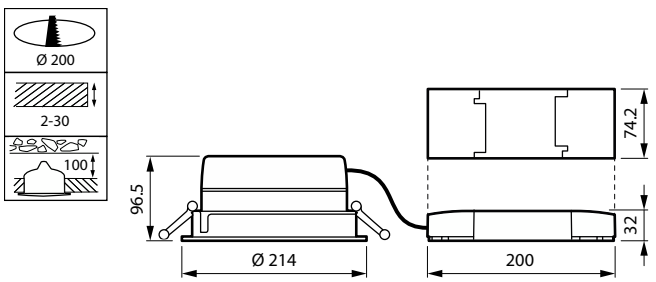
Application Conditions

Maximum dim level	1%
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data

Full product code	871869996993600
Order product name	DN570B LED20S/840 DIA-VLC-E C PG WH
Order code	910505100863
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910505100863
Full product name	DN570B LED20S/840 DIA-VLC-E C PG WH
EAN/UPC - Case	8718699969936
EAN/UPC - Product/Case	8718699969936

Dimensional drawing



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