



LuxSpace, recessed

DN570B LED20S/830 PSU-E C WH

LuxSpace, recessed, 16.4 W, D200 mm, 2200 lumen, 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. For office applications LuxSpace supports health and wellbeing having dedicated Tunable White products and lighting controls.

Product data

General Information		EU RoHS compliant	
Light source replaceable	No	Yes	
Number of gear units	1 unit		
Driver included	Yes		
Service tag	Yes		
Product family code	DN570B [LUXSPACE 2 COMPACT LOW HEIGHT]		
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		
Light Technical			
Luminous Flux	2,200 lumen		
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	134 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			
Line Frequency	50 to 60 Hz		
Input Voltage	220 to 240 V		

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Inrush current	16 A
Inrush time	0.195 ms
Power Consumption	16.4 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
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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/lens material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover/lens finish	-
Reflector Finish	High-gloss reflector
Overall height	96 mm
Overall diameter	214 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Sustainability rating	-
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Initial chromaticity	(0.43, 0.40) SDCMs2
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance at median useful life*	L90
50000 h	
Lumen maintenance at median useful life*	L80
100000 h	

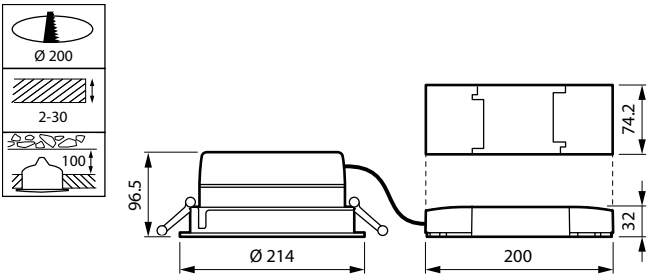
Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data

Full product code	871869996972100
Order product name	DN570B LED20S/830 PSU-E C WH
Order code	910505100842
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910505100842
Full product name	DN570B LED20S/830 PSU-E C WH
EAN/UPC - Case	8718699969721
EAN/UPC - Product/Case	8718699969721

Dimensional drawing



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