



LuxSpace, recessed

DN570B LED20S/830 PSU-E C ELP3 WH

LuxSpace, recessed, 22 W, 2200 lm, 3000 K, Frosted

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		Value ladder	Specification
Lamp family code	LED20S [LED Module, system flux 2000 lm]	CE mark	Yes
Cap-Base	- [-]	Warranty period	5 years
Light source replaceable	No	Flammability mark	For mounting on normally flammable surfaces
Number of gear units	1 unit	ENEC mark	-
Gear	-	Glow-wire test	Temperature 850 °C, duration 5 s
Driver included	Yes	EU RoHS compliant	No
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.	Light Technical	
Product family code	DN570B [LUXSPACE 2 COMPACT LOW HEIGHT]	Luminous Flux	2,200 lm
Lighting Technology	LED	Correlated Color Temperature (Nom)	3000 K
		Luminous Efficacy (rated) (Nom)	100 lm/W
		Color rendering index (CRI)	>80
		Light source color	830 warm white
		Optic type	High-gloss mirror
		Luminaire light beam spread	80°

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Unified glare rating CEN	22
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Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	18 A
Inrush time	0.24 ms
Power Consumption	22 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	32

Temperature

Ambient temperature range	+10 to +25 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit DC compatible, external
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 RAL 9003
Optical cover finish	Frosted
Overall height	96.5 mm
Overall diameter	214 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
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Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM≤2
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

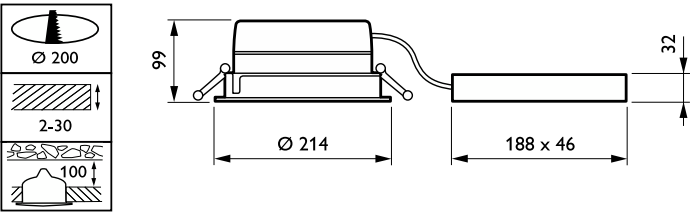
Application Conditions

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

Product Data

Order product name	DN570B LED20S/830 PSU-E C ELP3 WH
Full product name	DN570B LED20S/830 PSU-E C ELP3 WH
Full product code	871829194377800
Order code	910503706690
Material Nr. (12NC)	910503706690
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291943778
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291943778

Dimensional drawing



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