



LuxSpace, recessed

DN570B LED20S/830 PSU-E C WH

LUXSPACE 2 COMPACT LOW HEIGHT - LED Module, system flux 2000 lm - 830 warm white - Power supply unit external, DC compatible for central emergency lighting - High-gloss mirror - White RAL 9003

Customers are looking to optimize all their resources, and that means not just their running costs (energy, etc.) but also their human resources. Energy savings are therefore a priority, but they must not have an adverse effect on the well-being of employees, who need a pleasant environment in order to be more productive, or on customers, who want to enjoy their shopping experience. LuxSpace provides the perfect combination of efficiency, light comfort and design, without compromising on lighting performance (color rendering and color uniformity). It offers a wide choice of options for creating the desired ambience, no matter the application.

Product data

General Information		Luminaire light beam spread	
Number of light sources	1 [1 pc]	Luminaire light beam spread	80°
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Emergency lighting	No [-]
Light source colour	830 warm white	Connection	Push-in connector and pull relief
Cap base	- [-]	Cable	-
Light source replaceable	No	Protection class IEC	Safety class II
Number of gear units	1 unit	Glow-wire test	Temperature 850 °C, duration 5 s
Gear	-	Flammability mark	F [For mounting on normally flammable surfaces]
Driver/power unit/transformer	PSE-E [Power supply unit external, DC compatible for central emergency lighting]	CE mark	CE mark
Driver included	Yes	ENEC mark	ENEC mark
Optic type	C [High-gloss mirror]	UL mark	No
Optical cover/lens type	No [-]	Warranty period	5 years
		Decorative accessories	No [-]

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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.
Constant light output	No
Number of products on MCB (16 A type B)	32
EU RoHS compliant	No
Product family code	DN570B [LUXSPACE 2 COMPACT LOW HEIGHT]
Unified glare rating CEN	22
Light Technical	
Optical cover/lens acc. type	No [-]
Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	18 A
Inrush time	0.24 ms
Power factor (min.)	0.9
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing configuration	BV [Basic version]
Housing material	Aluminium die-cast
Reflector material	Polycarbonate aluminium coated
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Frosted
Overall height	96.5 mm
Overall diameter	214 mm
Colour	White RAL 9003

Dimensions (height x width x depth)	97 x NaN x NaN mm (3.8 x NaN x NaN in)
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Approval and Application

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

Initial Performance (IEC Compliant)

Initial luminous flux	2200 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	116 lm/W
Init. Corr. Colour Temperature	3000 K
Init. Colour rendering index	>80
Initial chromaticity	(0.43, 0.40) SDCM <3
Initial input power	19 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L90

Application Conditions

Ambient temperature range	+10 to +25 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

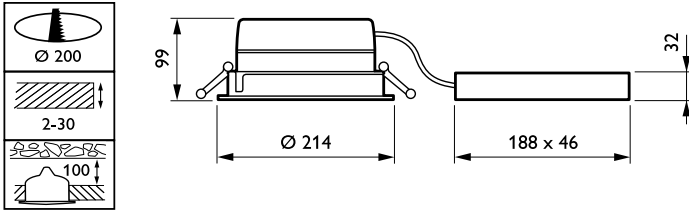
Product Data

Full product code	871829193052500
Order product name	DN570B LED20S/830 PSU-E C WH
EAN/UPC – product	8718291930525
Order code	93052500
Numerator – quantity per pack	1
SAP numerator – packs per outer box	1
Material no. (12 NC)	910503587615
SAP net weight (piece)	1.150 kg



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Dimensional drawing



LuxSpace gen2 DN570B-DN572B

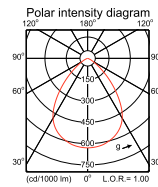
Photometric data

DN570B PSE-E 1xLED20S/830 C
1 x 2200 lm

Polar intensity diagram Quantity estimation diagram UGR diagram

DN570B PSE-E 1xLED20S/830 C

1 x 2200 lm



LVL1405400

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IFGU1_DN570B PSE-E 1xLED20S830 C.EPS

IFPC1_DN570B PSE-E 1xLED20S830 C.EPS

