



# LuxSpace, recessed

## DN570B LED20S/840 PSE-E F WH

LUXSPACE 2 COMPACT LOW HEIGHT - LED Module, system flux 2000 lm - 840 neutral white - Power supply unit external, DC compatible for central emergency lighting - Facetted reflector - 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]	Emergency lighting	No [ -]
Lamp family code	LED20S [ LED Module, system flux 2000 lm]	Connection	Push-in connector and pull relief
Light source colour	840 neutral white	Cable	-
Cap base	- [ -]	Protection class IEC	Safety class II
Light source replaceable	No	Glow-wire test	Temperature 850 °C, duration 5 s
Number of gear units	1 unit	Flammability mark	F [ For mounting on normally flammable surfaces]
Gear	-	CE mark	CE mark
Driver/power unit/transformer	PSE-E [ Power supply unit external, DC compatible for central emergency lighting]	ENEC mark	ENEC mark
Driver included	Yes	UL mark	No
Optic type	F [ Facetted reflector]	Warranty period	5 years
Optical cover/lens type	No [ -]	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	32
RoHS mark	-
Product Family Code	DN570B [ LUXSPACE 2 COMPACT LOW HEIGHT]
Unified glare rating CEN	22

### Light Technical

Optical cover/lens type accessory	No [-]
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### 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
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### 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

### 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	126 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	>80
Initial chromaticity	(0.38, 0.37) SDCM <3
Initial input power	17.4 W
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

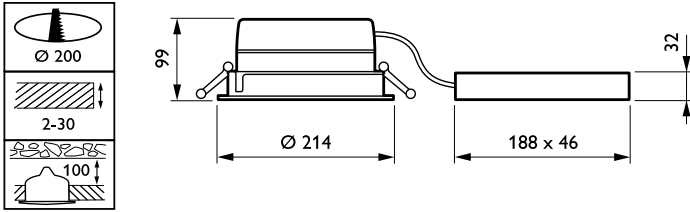
### Application Conditions

Ambient temperature range	+10 to +25 °C
Performance ambient temperature Tq	25 °C

### Product Data

Full product code	871829193057000
Order product name	DN570B LED20S/840 PSE-E F WH
EAN/UPC – product	8718291930570
Order code	93057000
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910503588115
Net weight (piece)	1.150 kg

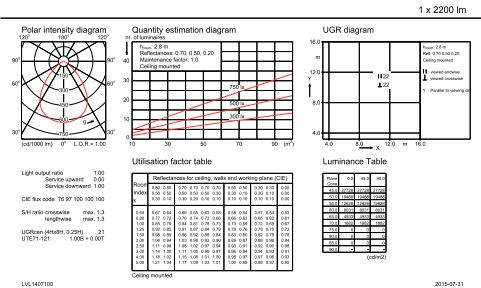
Dimensional drawing



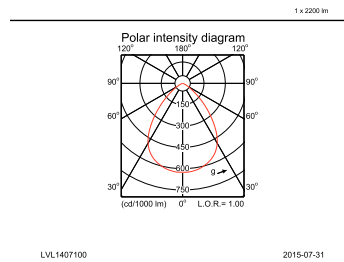
LuxSpace gen2 DN570B-DN572B

Photometric data

DN570B PSE-E 1xLED20S/840 F



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IFGU1\_DN570B PSE-E 1xLED20S840 F.EPS

IFPC1\_DN570B PSE-E 1xLED20S840 F.EPS

