

LuxSpace, recessed

DN570B LED12S/830 PSED-E WR WH

LUXSPACE 2 COMPACT LOW HEIGHT - LED Module, system flux 1200 lm - 830 warm white - Power supply unit with DALI interface external, DC compatible for central emergency lighting - White reflector without louver - White

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	
Number of light sources	1 [1 pc]
Lamp family code	LED12S [LED Module, system flux 1200 lm]
Light source colour	830 warm white
Cap base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver/power unit/transformer	PSED-E [Power supply unit with DALI interface external, DC compatible for central emergency lighting]
Driver included	Yes
Optic type	WR [White reflector without louver]

Optical cover/lens type	No [-]
Luminaire light beam spread	80°
Emergency lighting	No [-]
Control interface	DALI
Connection	Push-in connector and pull relief
Cable	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 850 °C, duration 5 s
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	ENEC mark
UL mark	No

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Warranty period	5 years
Decorative accessories	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.
Constant light output	No
Number of products on MCB	24
RoHS mark	-
Product Family Code	DN570B [LUXSPACE 2 COMPACT LOW HEIGHT]
Unified glare rating CEN	22

Light Technical

Optical cover/lens type accessory	No [-]

Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Inrush current	20.4 A
Inrush time	0.195 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	Yes

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

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	1300 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	118 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	>80
Initial chromaticity	(0.43, 0.40) SDCM <3
Initial input power	11 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
Maximum dimming level	1%
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871829193051800
Order product name	DN570B LED12S/830 PSED-E WR WH
EAN/UPC – product	8718291930518
Order code	93051800
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910503587515
Net weight (piece)	1.080 kg

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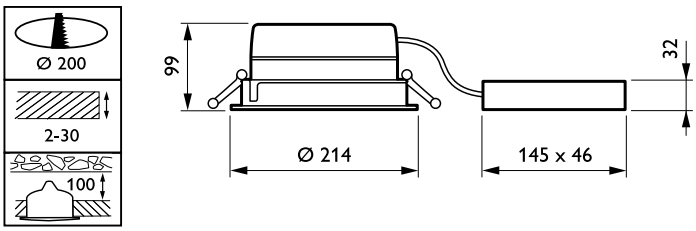
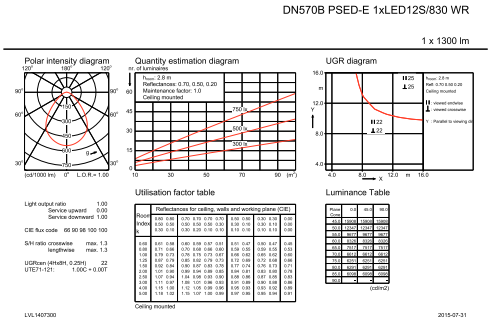
Dimensional drawing



LuxSpace gen2 DN570B-DN572B

Photometric data



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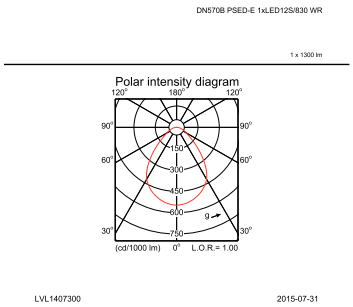

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