



LuxSpace, recessed

DN570B LED20S/830 PSED-VLC-E F PG WH

LUXSPACE 2 COMPACT LOW HEIGHT - LED Module, system flux 2000 lm - 830 warm white - Power supply unit with DALI interface external, DC compatible for central emergency lighting - Facetted reflector - Protection glass - 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		Optical cover/lens type	
Number of light sources	1 [1 pc]	Optical cover/lens type	PG [Protection glass]
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Luminaire light beam spread	80°
Light source colour	830 warm white	Emergency lighting	No [-]
Cap base	- [-]	Control interface	DALI
Light source replaceable	No	Connection	Push-in connector and pull relief
Number of gear units	1 unit	Cable	-
Gear	-	Protection class IEC	Safety class II
Driver/power unit/transformer	PSED-E [Power supply unit with DALI interface external, DC compatible for central emergency lighting]	Glow-wire test	Temperature 850 °C, duration 5 s
Driver included	Yes	Flammability mark	F [For mounting on normally flammable surfaces]
Optic type	F [Facetted reflector]	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	PG [Protection glass]
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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
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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
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Approval and Application

Ingress protection code	IP20/54 [Finger-protected; dust accumulation-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux	2100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	111 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 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L90

Application Conditions

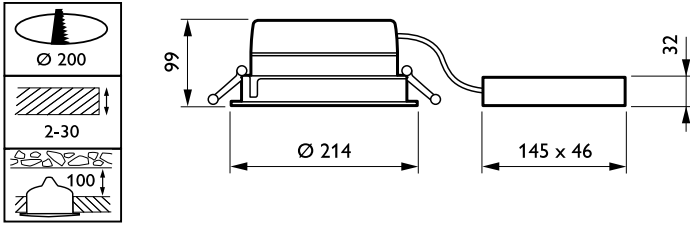
Ambient temperature range	+10 to +25 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%

Product Data

Full product code	871829193079200
Order product name	DN570B LED20S/830 PSED-VLC-E F PG WH
EAN/UPC – product	8718291930792
Order code	93079200
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910503590315
Net weight (piece)	1.246 kg

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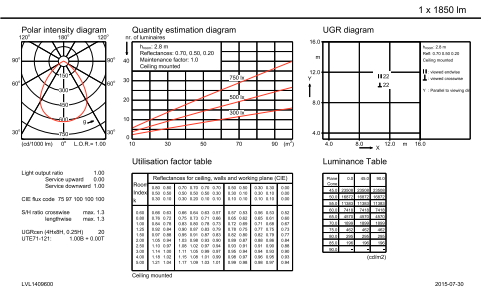
Dimensional drawing



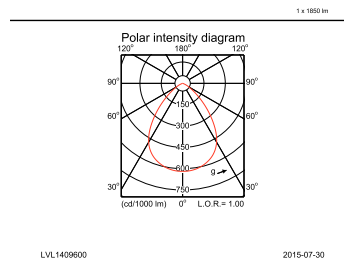
LuxSpace gen2 DN570B-DN572B

Photometric data

DN570B PSED-E 1xLED20S/827 F PG



DN570B PSED-E 1xLED20S/827 F PG



IFGU1_DN570B PSED-E 1xLED20S/827 F PG.EPS

IFPC1_DN570B PSED-E 1xLED20S/827 F PG.EPS

