



LuxSpace, recessed

DN570B LED20S/830 PSD-VLC-E C ELP3 WH

LUXSPACE 2 COMPACT LOW HEIGHT - LED Module, system flux 2000 lm - 830 warm white - Power supply unit with DALI interface, DC compatible, external - High-gloss mirror - Emergency lighting 3 hours duration Pro version - Push-in connector and pull relief - 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. For office applications LuxSpace supports the general feeling of health and wellbeing having dedicated Tunable White products

Product data

General information			
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Optic type	High-gloss mirror
Light source color	830 warm white	Luminaire light beam spread	80°
Cap-Base	- [-]	Emergency lighting	Emergency lighting 3 hours duration Pro version
Light source replaceable	No	Control interface	DALI
Number of gear units	1 unit	Connection	Push-in connector and pull relief
Gear	-	Cable	-
Driver/power unit/transformer	Power supply unit with DALI interface, DC compatible, external	Protection class IEC	Safety class II
Driver included	Yes	Glow-wire test	Temperature 850 °C, duration 5 s
		Flammability mark	For mounting on normally flammable surfaces

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CE mark	CE mark
ENEC mark	-
UL mark	-
Warranty period	5 years
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 of 16 A type B	24
EU RoHS compliant	No
Product family code	DN570B [LUXSPACE 2 COMPACT LOW HEIGHT]
Unified glare rating CEN	22

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
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 Material	Aluminum die cast
Reflector material	Polycarbonate aluminum 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
Color	White RAL 9003
Dimensions (Height x Width x Depth)	97 x NaN x NaN mm (3.8 x NaN x NaN in)

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 (system flux)	2200 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.43, 0.40) SDCM <3
Initial input power	22 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 dim level	1% (no dimming in emergency mode)
Suitable for random switching	Yes

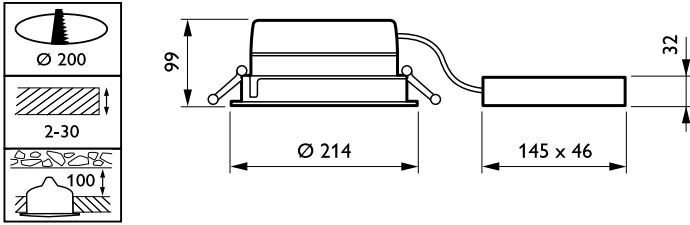
Product Data

Full product code	871829194378500
Order product name	DN570B LED20S/830 PSD-VLC-E C ELP3 WH
EAN/UPC - Product	8718291943785
Order code	910503706691
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910503706691
Net Weight (Piece)	1.680 kg



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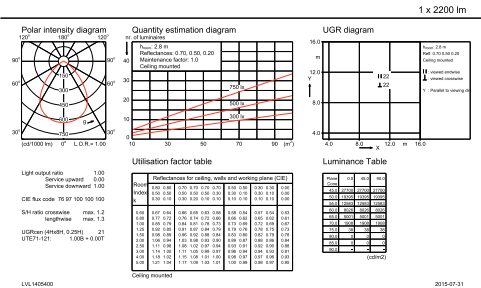
Dimensional drawing



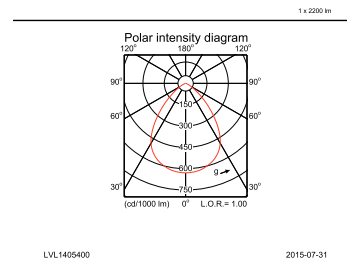
LuxSpace gen2 DN570B-DN572B

Photometric data

DN570B PSED-E 1xLED20S/830 C



DN570B PSED-E 1xLED20S/830 C



IFGU_DN570B PSED-E 1xLED20S/830 C-General uniform lighting

IFPC1_DN570B PSED-E 1xLED20S830 C.EPS

