



## LuxSpace, recessed

### DN571B LED20S/830 PSED-E C WH

LUXSPACE 2 COMPACT DEEP - LED Module, system flux 2000 lm - 830 warm white - Power supply unit with DALI interface external, DC compatible for central emergency lighting - High-gloss mirror - 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	LED20S [ LED Module, system flux 2000 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	C [ High-gloss mirror]	
Optical cover/lens type		No [ -]
Luminaire light beam spread		70°
Emergency lighting		No [ -]
Control interface		DALI
Connection		PIP [ Push-in connector and pull relief]
Cable		-
Protection class IEC		Safety class II (II)
Glow-wire test		850/5 [ 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		-

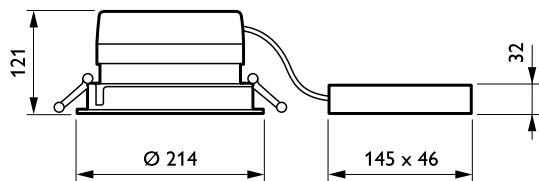
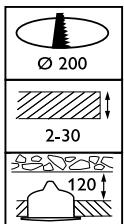
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Warranty period	5 years
Decorative accessories	No [ - ]
Remarks	<p>*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.</p>
Constant light output	No
Number of products on MCB	24
RoHS mark	-
Product Family Code	DN571B [ LUXSPACE 2 COMPACT DEEP]
Unified glare rating CEN	19
<b>Light Technical</b>	
Optical cover/lens type accessory	No [ - ]
<b>Operating and Electrical</b>	
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
<b>Controls and Dimming</b>	
Dimmable	Yes
<b>Mechanical and Housing</b>	
Housing configuration	BV [ Basic version]
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	119 mm
Overall diameter	214 mm

<b>Approval and Application</b>	
Ingress protection code	IP20 [ Finger-protected]
Mech. impact protection code	IK02 [ 0.2 J standard]
<b>Initial Performance (IEC Compliant)</b>	
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%
<b>Over Time Performance (IEC Compliant)</b>	
Control gear failure rate at median	5 %
useful life 50000 h	
Lumen maintenance at median useful life* 50000 h	L90
<b>Application Conditions</b>	
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)
<b>Product Data</b>	
Full product code	871829193119500
Order product name	DN571B LED20S/830 PSED-E C WH
EAN/UPC – product	8718291931195
Order code	93119500
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910503594315
Net weight (piece)	1.080 kg

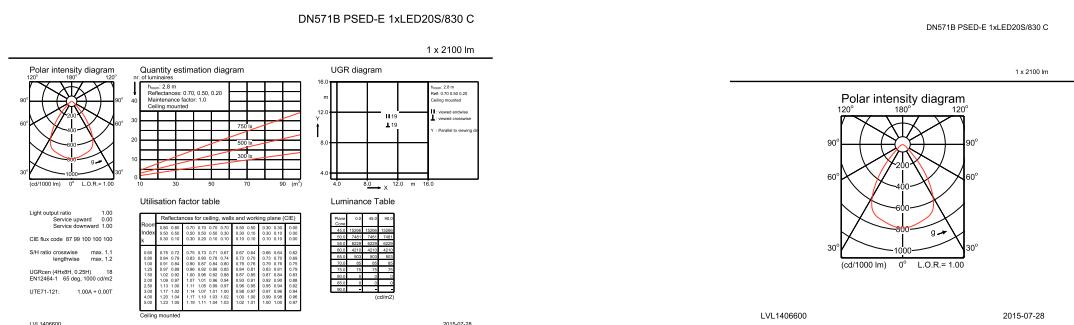
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## Dimensional drawing



LuxSpace gen2 DN570B-DN572B

## Photometric data



IFGU1\_DN571B PSED-E 1xLED20S830 C.EPS

IFPC1\_DN571B PSED-E 1xLED20S830 C.EPS

