



LuxSpace, recessed

DN571B LED20S/840 PSED-E C WH

LUXSPACE 2 COMPACT DEEP - LED Module, system flux 2000 lm - 840 neutral 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		Optical cover/lens type	No [-]
Number of light sources	1 [1 pc]	Luminaire light beam spread	70°
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Emergency lighting	No [-]
Light source colour	840 neutral white	Control interface	DALI
Cap base	- [-]	Connection	Push-in connector and pull relief
Light source replaceable	No	Cable	-
Number of gear units	1 unit	Protection class IEC	Safety class II
Gear	-	Glow-wire test	Temperature 850 °C, duration 5 s
Driver/power unit/transformer	PSED-E [Power supply unit with DALI interface external, DC compatible for central emergency lighting]	Flammability mark	F [For mounting on normally flammable surfaces]
Driver included	Yes	CE mark	CE mark
Optic type	C [High-gloss mirror]	ENEC mark	ENEC mark
		UL mark	No

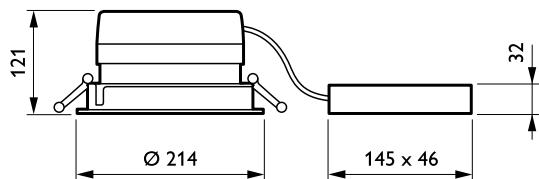
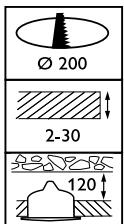
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Warranty period	5 years
Decorative accessories	No [-]
Remarks	<p>*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and 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
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	119 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	2100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	121 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
Maximum dimming level	1%
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)
Product Data	
Full product code	871829193120100
Order product name	DN571B LED20S/840 PSED-E C WH
EAN/UPC – product	8718291931201
Order code	93120100
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910503594415
Net weight (piece)	1.080 kg

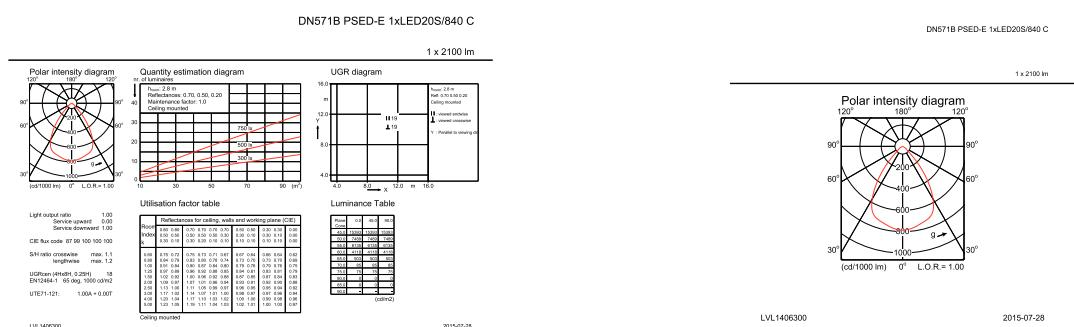
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Dimensional drawing



LuxSpace gen2 DN570B-DN572B

Photometric data



IFGU1_DN571B PSED-E 1xLED20S840 C.EPS

IFPC1_DN571B PSED-E 1xLED20S840 C.EPS

