



# LuxSpace, recessed

## DN571B LED12S/830 PSE-E M WH

LUXSPACE 2 COMPACT DEEP, LED module, system flux 1200 lm, 830 warm white, Power supply unit DC compatible, external, Matt mirror, White RAL 9003

Customers are looking to optimize all their resources, and that means not just their running costs (energy, etc.) but also user costs where they see much bigger impact on return. Therefore, LuxSpace is designed to provide the perfect combination of efficiency, visual comfort and design, without compromising on lighting performance (color rendering and light distribution). It offers a wide choice of options for creating the desired ambience to support user comfort, no matter the application is. For office applications LuxSpace supports health and wellbeing having dedicated Tunable White products and lighting controls.

### Product data

General Information			
Lamp family code	LED12S [LED module, system flux 1200 lm]	Product family code	DN571B [LUXSPACE 2 COMPACT DEEP]
Cap-Base	- [-]	Lighting Technology	LED
Light source replaceable	No	Value ladder	Specification
Number of gear units	1 unit	CE mark	Yes
Gear	-	Warranty period	5 years
Driver included	Yes	Flammability mark	For mounting on normally flammable surfaces
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.	ENEC mark	ENEC mark
		Glow-wire test	Temperature 850 °C, duration 5 s
		EU RoHS compliant	No
		Light Technical	
		Luminous Flux	1,000 lm
		Correlated Color Temperature (Nom)	3000 K

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Luminous Efficacy (rated) (Nom)	91 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	830 warm white
Optic type	Matt mirror
Optical cover type	-
Luminaire light beam spread	70°
Unified glare rating CEN	19

### Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	18 A
Inrush time	0.24 ms
Power Consumption	11 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	32

### Temperature

Ambient temperature range	+10 to +25 °C
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### Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit DC compatible, external
Constant light output	No

### Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White RAL 9003
Optical cover finish	Frosted

## Dimensional drawing

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]
Protection class IEC	Safety class II

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life* life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L90
Lumen maintenance at median useful life* 100000 h	L80

### Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

### Product Data

Order product name	DN571B LED12S/830 PSE-E M WH
Full product name	DN571B LED12S/830 PSE-E M WH
Full product code	871829193113300
Order code	910503593715
Material Nr. (12NC)	910503593715
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291931133
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291931133

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