LuxSpace, recessed

DN571B LED12S/840 PSD-VLC-E C WH

LUXSPACE 2 COMPACT DEEP, LED module, system flux 1200 lm, 840 neutral white, Power supply unit with DALI interface, DC-compatible, external, High-gloss mirror, White RAL 9003

Customers are looking to optimise 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 (colour rendering and colour uniformity). It offers a wide choice of options for creating the desired ambience, no matter the application.

Product data

General Information

Lamp family code	LED12S [LED module, system flux 1200 lm]
Cap base	– [-]
Light source replaceable	No
Number of gear units	Unit
Gear	–
Driver included	Yes
Remarks	*– According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median

	useful life (B50) value also represents the B10 value.
Product family code	DN571B [LUXSPACE 2 COMPACT DEEP]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	No

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Light Technical

Luminous Flux	1,300 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	118 lm/W
Colour rendering index (CRI)	>80
Light source colour	840 neutral white
Optic type	High-gloss 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	20.4 A
Inrush time	0.195 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	24

Temperature

Ambient temperature range	+10 to +25 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC-compatible, external
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing material	Aluminium die cast
Reflector material	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	White RAL 9003

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]
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.37) SDCM <3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L90
Lumen maintenance at median useful life* 100,000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data

Order product name	DN571B LED12S/840 PSD-VLC-E C WH
Full product name	DN571B LED12S/840 PSD-VLC-E C WH
Full EOC	871829193108900
Order code	93108900
Material no. (12 NC)	910503593215
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718291931089
Numerator – packs per outer box	1
EAN/UPC – Case	8718291931089

LuxSpace, recessed

Dimensional drawing

Ø 200

2-30

120

121

Ø 214

145 x 46

32