



# LuxSpace, recessed

## DN570B LED20S/840 PSD-VLC-E F WH

LUXSPACE 2 COMPACT LOW HEIGHT, LED Module, system flux 2000 lm, 840 neutral white, Power supply unit with DALI interface, DC-compatible, external, Faceted reflector, 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	LED20S [LED Module, system flux 2000 lm]		useful life (B50) value also represents the B10 value.
Cap base	- [-]	Product family code	DN570B [LUXSPACE 2 COMPACT LOW HEIGHT]
Light source replaceable	No	Lighting Technology	LED
Number of gear units	Unit	Value ladder	Specification
Gear	-	CE mark	Yes
Driver included	Yes	Warranty period	5 years
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	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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<b>Light Technical</b>	
Luminous Flux	2,200 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	126 lm/W
Colour rendering index (CRI)	>80
Light source colour	840 neutral white
Optic type	Faceted reflector
Optical cover type	-
Luminaire light beam spread	80°
Unified Glare Rating (CEN)	22
<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	20.4 A
Inrush time	0.195 ms
Power Consumption	17.4 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
<b>Temperature</b>	
Ambient temperature range	+10 to +25 °C
<b>Controls and Dimming</b>	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC-compatible, external
Control interface	DALI
Constant light output	No
<b>Mechanical and Housing</b>	
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	96.5 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]
Protection class IEC	Safety class II
<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.37) SDCM <3
Power consumption tolerance	+/-10%
<b>Over Time Performance (IEC Compliant)</b>	
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
<b>Application Conditions</b>	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes
<b>Product Data</b>	
Order product name	DN570B LED20S/840 PSD-VLC-E F WH
Full product name	DN570B LED20S/840 PSD-VLC-E F WH
Full EOC	871829193059400
Order code	93059400
Material no. (12 NC)	910503588315
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718291930594
Numerator – packs per outer box	1
EAN/UPC - Case	8718291930594

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Dimensional drawing

