



# LuxSpace, recessed

## DN570B LED20S/840 PSD-VLC-E C ELP3 WH

LuxSpace, recessed, 17.4 W, 2200 lm, 4000 K, DALI, Frosted

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

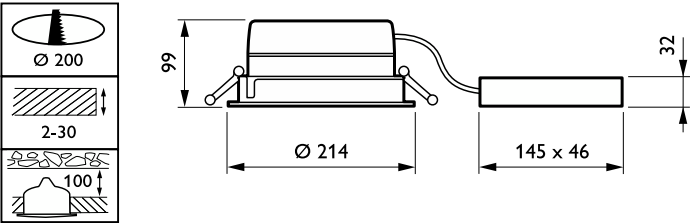
General Information		Lighting Technology	
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Value ladder	Specification
Cap base	- [-]	CE mark	Yes
Light source replaceable	No	Warranty period	5 years
Number of gear units	Unit	Flammability mark	For mounting on normally flammable surfaces
Gear	-	ENEC mark	-
Driver included	Yes	Glow-wire test	Temperature 850 °C, duration 5 s
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.	EU RoHS compliant	No
Product family code		Light Technical	
DN570B [LUXSPACE 2 COMPACT LOW HEIGHT]		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	High-gloss mirror
		Luminaire light beam spread	80°

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Unified Glare Rating (CEN)	22
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	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
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	96.5 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% (no dimming in emergency mode)
Suitable for random switching	Yes
Product Data	
Order product name	DN570B LED20S/840 PSD-VLC-E C ELP3 WH
Full product name	DN570B LED20S/840 PSD-VLC-E C ELP3 WH
Full EOC	871829194380800
Order code	94380800
Material no. (12 NC)	910503706693
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718291943808
Numerator – packs per outer box	1
EAN/UPC - Case	8718291943808

Dimensional drawing



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