



GreenSpace

DN472B LED20S/840 PSD-VLC-E C PCC WH

GreenSpace, 16.8 W, 2100 lm, 4000 K, DALI, Clear

Customers want to strike the ideal balance between their initial investment and the cost of the installation during its lifetime. GreenSpace is a cost-efficient and sustainable downlight that can be used to replace conventional CFL downlights in general lighting applications. It features the latest LED technology, which enables extremely low power consumption, while delivering consistent light output, stable colour performance and high colour rendering. The product's long lifetime makes it a true 'fit and forget' solution.

Product data

General Information			
Lamp family code	LED20S [LED Module, system flux 2000 lm]	CE mark	Yes
Cap base	- [-]	Warranty period	5 years
Light source replaceable	No	Flammability mark	-
Number of gear units	Unit	ENEC mark	ENEC mark
Gear	-	Glow-wire test	Temperature 750 °C, duration 5 s
Driver included	Yes	EU RoHS compliant	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.	Light Technical	
Product family code	DN472B [200mm, IP54(PCO UGR27)]	Luminous Flux	2,100 lm
Lighting Technology	LED	Correlated Colour Temperature	4000 K
Value ladder	Specification	Luminous efficacy (rated) (nom.)	125 lm/W
		Colour rendering index (CRI)	>80
		Beam angle of light source	- degree(s)
		Light source colour	840 neutral white
		Optic type	High-gloss mirror
		Luminaire light beam spread	120°
		Unified Glare Rating (CEN)	22

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W W
Average CLO power consumption	- W W
Inrush current	20.4 A
Inrush time	0.195 ms
Power Consumption	16.8 W
Power Factor (Fraction)	0.9
Connection	Feed-through connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	-15 to +40 °C
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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	Polycarbonate
Reflector material	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Colour	White RAL 9003
Optical cover/lens finish	Clear
Overall height	94 mm
Overall diameter	216 mm

Approval and Application

Ingress protection code	IP54 [Dust accumulation-protected, splash-proof]
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Mech. impact protection code	IK06 [1 J]
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

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

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	1 %
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	DN472B LED20S/840 PSD-VLC-E C PCC WH
Full product name	DN472B LED20S/840 PSD-VLC-E C PCC WH
Full EOC	871869938473900
Order code	38473900
Material no. (12 NC)	912500100073
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699384739
Numerator – packs per outer box	1
EAN/UPC - Case	8718699384739

Dimensional drawing

