



GreenSpace

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

200mm + anti-glare ring - LED Module, system flux 2000 lm - 840 neutral white - Power supply unit with DALI interface external, DC compatible for central emergency lighting - High-gloss mirror - - - Feed-through connector 5-pole - Dust accumulation-protected, splash-proof - White RAL 9003

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 color performance and high color rendering. The product's long lifetime makes it a true 'fit and forget' solution.

Product data

General Information			
Number of light sources	1 [1 pc]	Driver included	Yes
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Optic type	C [High-gloss mirror]
Beam angle of light source	- °	Luminaire light beam spread	120°
Light source colour	840 neutral white	Emergency lighting	No [-]
Cap base	- [-]	Control interface	DALI
Light source replaceable	No	Connection	Feed-through connector 5-pole
Number of gear units	1 unit	Cable	-
Gear	-	Protection class IEC	Safety class II
Driver/power unit/transformer	PSED-E [Power supply unit with DALI interface external, DC compatible for central emergency lighting]	Glow-wire test	Temperature 750 °C, duration 5 s
		Flammability mark	NO [-]
		CE mark	CE mark
		ENEC mark	ENEC mark

Warranty period	5 years
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.
Constant light output	No
Number of products on MCB	24
Product Family Code	DN471B [200mm + anti-glare ring]
Unified glare rating CEN	22

Light Technical

Optical cover/lens type accessory	No [-]
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Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Initial CLO power consumption	- W W
Average CLO power consumption	- W W
Inrush current	20.4 A
Inrush time	0.195 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing material	Polycarbonate
Reflector material	Polycarbonate aluminium coated
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens finish	Clear
Overall height	94 mm
Overall diameter	216 mm
Colour	White RAL 9003
Dimensions (height x width x depth)	94 x NaN x NaN mm (3.7 x NaN x NaN in)

Approval and Application

Ingress protection code	IP54 [Dust accumulation-protected, splash-proof]
Mech. impact protection code	IK06 [1 J]

Initial Performance (IEC Compliant)

Initial luminous flux	2100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	125 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	>80
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	16.8 W
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	L80

Application Conditions

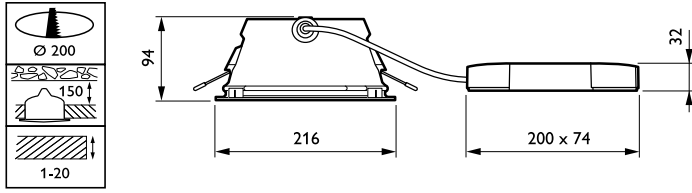
Ambient temperature range	-15 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%
Suitable for random switching	Yes

Product Data

Full product code	871869938473900
Order product name	DN472B LED20S/840 PSD-VLC-E C PCC WH
EAN/UPC – product	8718699384739
Order code	38473900
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912500100073
Net weight (piece)	1.000 kg

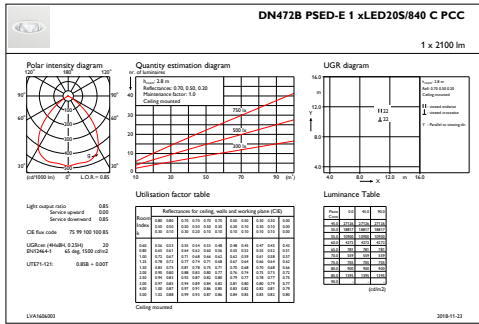


Dimensional drawing

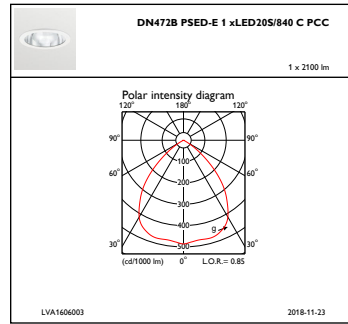


GreenSpace gen2 DN460B-DN473B

Photometric data



IFGU1_DN472BPSED-E1xLED20S840CPC



IFPC1_DN472BPSED-E1xLED20S840CPC

