

GreenSpace

DN472B LED20S/840 PSED-E C PCC WH

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

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]
Lamp family code	LED20S [LED Module, system flux 2000 lm]
Beam angle of light source	120 °
Light source colour	840 neutral white
Cap base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver/power unit/transformer	PSED-E [Power supply unit with DALI interface external, DC compatible for central emergency lighting]

Driver included	Yes
Optic type	C [High-gloss mirror]
Luminaire light beam spread	120°
Emergency lighting	No [-]
Connection	Feed-through connector 5-pole
Cable	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 750 °C, duration 5 s
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	ENEC mark

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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
RoHS mark	RoHS mark
Unified glare rating CEN	22

Light Technical

Optical cover/lens type accessory	No [-]

Operating and Electrical

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

Controls and Dimming

Dimmable	Yes

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

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 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions

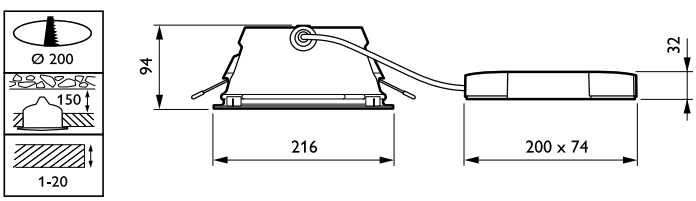
Ambient temperature range	-15 to +40 °C
Performance ambient temperature Tq	25 °C

Product Data

Full product code	871869938473900
Order product name	DN472B LED20S/840 PSED-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



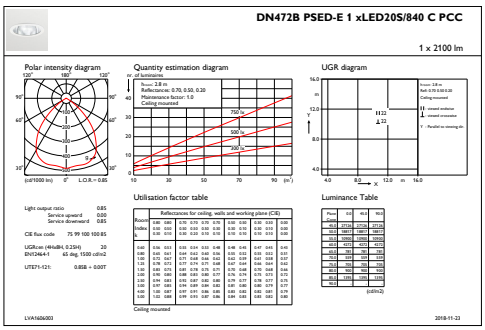
Dimensional drawing

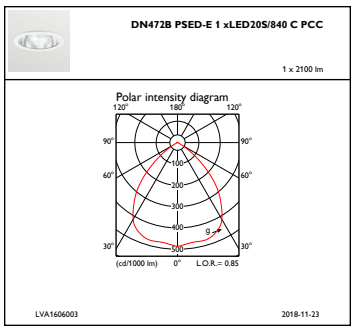


GreenSpace gen2 DN460B-DN473B

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Photometric data





IFGU1_DN472BPSED-E1xLED20S840CPCC

IFPC1_DN472BPSED-E1xLED20S840CPCC

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