

GreenSpace

DN470B LED20S/830 PSD-VLC-E C WH P

200mm - LED Module, system flux 2000 lm - 830 warm white - Power supply unit with DALI interface, DC compatible, external - High-gloss mirror - Feed-through connector 5-pole - Finger-protected - 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 pc
Lamp family code	LED20S [LED Module, system flux 2000 lm]
Beam angle of light source	- °
Light source color	830 warm white
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver/power unit/transformer	Power supply unit with DALI interface, DC compatible, external
Driver included	Yes
Optic type	High-gloss mirror
Luminaire light beam spread	120°

Control interface	DALI
Connection	Feed-through connector 5-pole
Cable	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 750 °C, duration 5 s
Flammability mark	-
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 of 16 A type B	24
EU RoHS compliant	Yes
Service tag	Yes
Product family code	DN470B [200mm]
Unified glare rating CEN	22

Light Technical

Optical cover/lens type accessory	-

Operating and Electrical

Input Voltage	220-240 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

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover/lens material	-
Fixation material	-
Optical cover/lens finish	-
Overall height	94 mm
Overall diameter	216 mm
Color	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	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	2100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	126 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.43, 0.40) SDCM<3.5
Initial input power	16.8 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

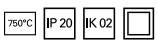
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions

Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

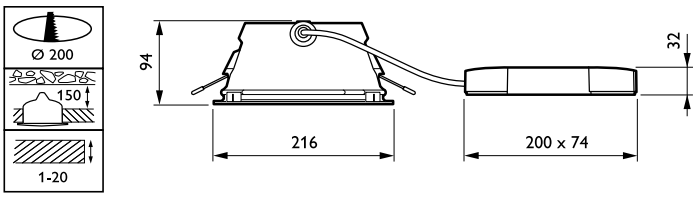
Product Data

Full product code	871869979329600
Order product name	DN470B LED20S/830 PSD-VLC-E C WH P
EAN/UPC - Product	8718699793296
Order code	912500100524
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912500100524
Net Weight (Piece)	0.825 kg



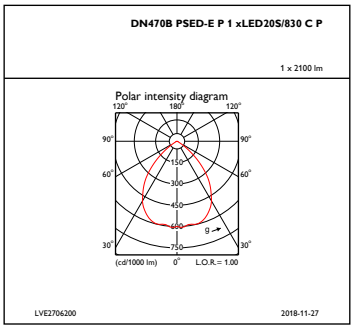
GreenSpace

Dimensional drawing

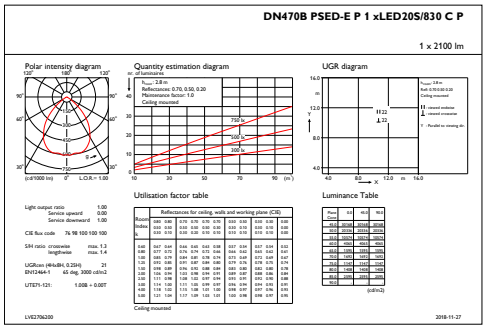


GreenSpace gen2 DN460B-DN473B

Photometric data



IFPC1_DN470BPSED-EP1xLED20S830CP



IFGU1_DN470BPSED-EP1xLED20S830CP

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