



GreenSpace

DN470B LED20S/830 PSE-E C WH CU3 PGO

200mm, LED Module, system flux 2000 lm, 830 warm white, Power supply unit DC compatible, external, Connection unit 3-pole, Wire-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	
Lamp family code	LED20S [LED Module, system flux 2000 lm]
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
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.
Product family code	DN470B [200mm]

Lighting Technology LED Value ladder Specification CE mark Yes Warranty period 3 years
CE mark Yes
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Flammability mark For mounting on normally flammable
surfaces
ENEC mark ENEC mark
Glow-wire test Temperature 850 °C, duration 5 s
EU RoHS compliant Yes
Light Technical
Luminous Flux 1,850 lm
Correlated Color Temperature (Nom) 3000 K
Luminous Efficacy (rated) (Nom) 101 lm/W
Color rendering index (CRI) 80

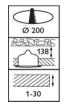
Datasheet, 2023, April 29 data subject to change

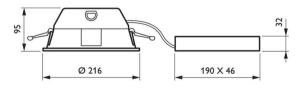
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Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	High-gloss mirror
Luminaire light beam spread	88°
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	14 A
Inrush time	0.24 ms
Power Consumption	18.3 W
Power Factor (Fraction)	0.9
Connection	Connection unit 3-pole
Cable	-
Number of products on MCB of 16 A type	30
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit DC compatible, external
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	5
	Polycarbonate aluminum coated
Optic material	Polycarbonate aluminum coated Polycarbonate
Optic material Optical cover material	
<u> </u>	Polycarbonate
Optical cover material	Polycarbonate
Optical cover material Fixation material	Polycarbonate Glass

Overall diameter	216 mm
Approval and Application	
Ingress protection code	IP44 [Wire-protected, splash-proof]
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	(0.44, 0.40) SDCM<3
Power consumption tolerance	+/-5%
Over Time Performance (IEC Compli	ant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful	L90
life* 50000 h	
Lumen maintenance at median useful	L80
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Suitable for random switching	Yes
Product Data	
Order product name	DN470B LED20S/830 PSE-E C WH CU3 PGO
Full product name	DN470B LED20S/830 PSE-E C WH CU3 PGO
Full product code	871869624699300
Order code	24699300
Material Nr. (12NC)	910500456287
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696246993
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696246993

Dimensional drawing





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