PHILIPS Lighting



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 3pole, Wire-protected, splash-proof, White RAL 9003

GreenSpace is a perfect solution where customers want to strike the ideal balance between their initial investment and the cost of the installation during its lifetime while they are covering multiple applications. GreenSpace features the latest LED technology which enables extremely low power consumption. With its perfect fit you'll get the LED downlight that always fits and looks perfect at the same time. This perfect fit is available for cut out sizes from 150 to 280 mm. GreenSpace is designed for Circular Economy with optimized performance, extended lifetime through upgradability and integration options, ease of customization, recycling and disassembly. Housing and rim are made from production waste of polycarbonate sheets that are retrieved from swimming pools, car ports and illuminated advertising. And 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
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark

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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
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	

+10 to +40 °C

Power supply unit DC compatible, external

Polycarbonate aluminum coated

No

No

Aluminum

Glass

Polycarbonate

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	iant)
Control gear failure rate at median useful	
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	910500456287
Material Nr. (12NC)	910500456287
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696246993
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696246993

White RAL 9003

Frosted

95 mm

Fixation material Housing Color

Optical cover finish

Overall height

Ambient temperature range

Controls and Dimming

Driver/power unit/transformer Constant light output

Mechanical and Housing

Housing Material

Reflector material Optic material

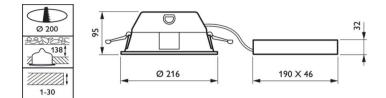
Optical cover material

Dimmable

Datasheet, 2023, September 4

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Dimensional drawing





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