PHILIPS Lighting



GreenSpace

DN470T LED20S/830 PSU D22H16 3C BK

GreenSpace, Track-mounted, 16.4 W, D218 mm, 2200 lm, 3000 K, High-gloss reflector, IP20

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

Lamp family code LED20S [LED Module, system flux 20 lm] Light source replaceable No Number of gear units 1 unit Driver included Yes Lighting Technology LED Value ladder Specification
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Driver included Yes Lighting Technology LED
Lighting Technology LED
Value ladder Specification
CE mark Yes
Warranty period 5 years
Flammability mark For mounting on normally flammable
surfaces

ENEC mark ENEC mark Glow-wire test Temperature 650 °C, duration 5 s EU RoHS compliant Yes Light Technical Luminous Flux 2,200 lm
EU RoHS compliant Yes
Light Technical
Luminous Flux 2,200 lm
Saturated Red (R9) <50
Correlated Color Temperature (Nom) 3000 K
Luminous Efficacy (rated) (Nom) 132 lm/W
Color rendering index (CRI) >80
Flickering value (PstLM) - Flickering value as 1
per EN 61000-3-3

GreenSpace

Stroboscopic effect visibility measure (SVM)	0.4
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	-
Luminaire light beam spread	120°
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	18 A
Inrush time	0.250 ms
Power Consumption	16.4 W
Power Factor (Fraction)	0.9
Connection	Connection unit 3-pole
Cable	-
Number of products on MCB of 16 A type B	34
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
	•
Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	Polycarbonate aluminum coated
Optic material	-
Optical cover material	_
Fixation material	-
	Black
Housing Color	
Housing Color Optical cover finish Reflector Finish	High-gloss reflector
Optical cover finish	High-gloss reflector

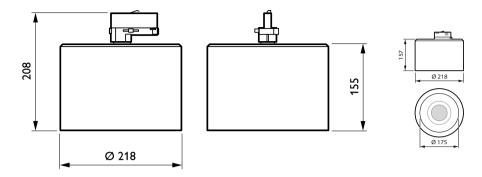
Ingress protection code

IP20 [Finger-protected]

Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM<3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)
Driver failure rate at 5000 h	1 %
Control gear failure rate at median useful life	1 %
50000 h	
Lumen maintenance at median useful life*	-
35000 h	
Lumen maintenance at median useful life*	L90
50000 h	
Lumen maintenance at median useful life*	-
75000 h	
Lumen maintenance at median useful life*	L80
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No
Product Data	
Order product name	DN470T LED20S/830 PSU D22H16 3C
	BK
Full product name	DN470T LED20S/830 PSU D22H16 3C
	DI/
	BK
Full product code	871869938947500
Order code	871869938947500 912500100267
Order code Material Nr. (12NC)	871869938947500 912500100267 912500100267
Order code Material Nr. (12NC) Numerator - Quantity Per Pack	871869938947500 912500100267 912500100267 1
Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	871869938947500 912500100267 912500100267 1 8718699389475
Order code Material Nr. (12NC) Numerator - Quantity Per Pack	871869938947500 912500100267 912500100267 1

GreenSpace

Dimensional drawing





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