PHILIPS Lighting



GreenSpace

DN470T LED20S/840 PSU-E D22H16 3C WH

GreenSpace, 18.3 W, 2200 lm, 4000 K, Opal

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 LED2OS [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.			
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Product family code	DN470T [GreenSpace]	
Lighting Technology	LED	
Value ladder	Specification	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	For mounting on normally flammable	
	surfaces	
ENEC mark	ENEC plus mark	
Glow-wire test	Temperature 650 °C, duration 5 s	
EU RoHS compliant	Yes	
Light Technical		
Luminous Flux	2,200 lm	
Correlated Color Temperature (Nom)	4000 K	

GreenSpace

Luminous Efficacy (rated) (Nom)	120 lm/W	Overall height	208 mm
Color rendering index (CRI)	>80	Overall diameter	218 mm
Number of light sources	1		
Light source color	840 neutral white	Approval and Application	
Optic type	-	Ingress protection code	IP20 [Finger-protected]
Optical cover type	Polycarbonate bowl/cover flat	Mech. impact protection code	IK02 [0.2 J standard]
Luminaire light beam spread	88°	Protection class IEC	Safety class I
Unified glare rating CEN	22		
		Initial Performance (IEC Compliant)	
Operating and Electrical		Luminous flux tolerance	+/-10%
Input Voltage	220 to 240 V	Initial chromaticity	(0.38, 0.38) SDCM<3
Line Frequency	50 to 60 Hz	Power consumption tolerance	+/-5%
Inrush current	14 A		
Inrush time	0.240 ms	Over Time Performance (IEC Compliant)	
Power Consumption	18.3 W	Control gear failure rate at median useful	5 %
Power Factor (Fraction)	0.9	life 50000 h	
Connection	Connection unit 3-pole	Lumen maintenance at median useful	L90
Cable	-	life* 50000 h	
Number of products on MCB of 16 A type	34	Lumen maintenance at median useful	L80
В		life* 100000 h	
Temperature		Application Conditions	
Ambient temperature range	+10 to +40 °C	Performance ambient temperature Tg	25 ℃
		Suitable for random switching	No
Controls and Dimming			
Dimmable	No	Product Data	
Driver/power unit/transformer	Power supply unit external (On/Off)	Order product name	DN470T LED20S/840 PSU-E D22H16 3C WH
Constant light output	No	Full product name	DN470T LED20S/840 PSU-E D22H16 3C WH
		Full product code	871869907144800
Mechanical and Housing		Order code	910504110703
Housing Material	Plastic	Material Nr. (12NC)	910504110703
Reflector material	Polycarbonate aluminum coated	Numerator - Quantity Per Pack	1
Optic material	-	EAN/UPC - Product/Case	8718699071448
Optical cover material	Polycarbonate	Numerator - Packs per outer box	1
Fixation material	-	EAN/UPC - Case	8718699071448
Housing Color	White RAL 9003		

Dimensional drawing

Opal

Optical cover finish

GreenSpace



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