PHILIPS Lighting



GreenSpace

DN470B LED20S/830 PSU-E C WH GC

GreenSpace, 18.6 W, 2150 lm, 3000 K, Clear

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.			
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Product family code	DN470B [200mm]	
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 850 °C, duration 5 s	
EU RoHS compliant	Yes	
Light Technical		
Luminous Flux	2,150 lm	
Correlated Color Temperature (Nom)	3000 K	
P		

GreenSpace

Luminous Efficacy (rated) (Nom)	118.28 lm/W	Overall height	95 mm
Color rendering index (CRI)	80	Overall diameter	216 mm
Number of light sources	1		
Beam angle of light source	120 degree(s)	Approval and Application	
Light source color	830 warm white	Ingress protection code	IP44 [Wire-protected, splash-proof]
Optic type	High-gloss mirror	Mech. impact protection code	IK02 [0.2 J standard]
Luminaire light beam spread	88°	Protection class IEC	Safety class II
Unified glare rating CEN	22		
		Initial Performance (IEC Compliant)	
Operating and Electrical		Luminous flux tolerance	+/-10%
Input Voltage	220 to 240 V	Initial chromaticity	(0.44, 0.40) SDCM<3
Line Frequency	50 to 60 Hz	Power consumption tolerance	+/-5%
Inrush current	5.2 A		
Inrush time	0.05 ms	Over Time Performance (IEC Compliant)	
Power Consumption	18.6 W	Control gear failure rate at median useful	5 %
Power Factor (Fraction)	0.9	life 50000 h	
Connection	Push-in connector and pull relief	Lumen maintenance at median useful	L90
Cable	-	life* 50000 h	
Number of products on MCB of 16 A type	74	Lumen maintenance at median useful	L80
В		life* 100000 h	
Temperature		Application Conditions	
Ambient temperature range	+10 to +40 °C	Performance ambient temperature Tq	25 °C
		Suitable for random switching	Yes
Controls and Dimming			
Dimmable	No	Product Data	
Driver/power unit/transformer	Power supply unit external (On/Off)	Order product name	DN470B LED20S/830 PSU-E C WH GO
Constant light output	No	Full product name	DN470B LED20S/830 PSU-E C WH GO
		Full product code	871869685110400
Mechanical and Housing		Order code	910500457617
Housing Material	Aluminum	Material Nr. (12NC)	910500457617
Reflector material	Polycarbonate aluminum coated	Numerator - Quantity Per Pack	1
Optic material	Polycarbonate	EAN/UPC - Product/Case	8718696851104
Optical cover material	Glass	Numerator - Packs per outer box	1
Fixation material	-	EAN/UPC - Case	8718696851104
Housing Color	White RAL 9003		
Optical cover finish	Clear	-	



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