PHILIPS Lighting



GreenSpace

DN470T LED20S/830 PSED-E D22H16 5C6 WH

GreenSpace, 18.3 W, 2100 lm, 3000 K, DALI, 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	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	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	2,100 lm
Correlated Color Temperature (Nom)	3000 K

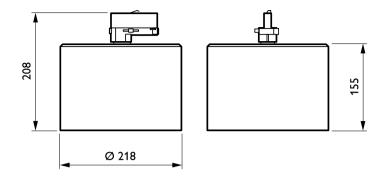
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Luminous Efficacy (rated) (Nom)	115 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	830 warm white
Optic type	-
Optical cover type	Polycarbonate bowl/cover flat
Luminaire light beam spread	88°
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	16 A
Inrush time	0.220 ms
Power Consumption	18.3 W
Power Factor (Fraction)	0.9
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type	24
B	24
Temperature	
Ambient temperature range	+10 to +40 °C
	+10 10 +40 C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC
	compatible, external
Control interface	DALI
Constant light output	No
constant agnit output	
Mechanical and Housing	
Mechanical and Housing	Plastic
Housing Material	Plastic Polycarbonate aluminum coated
Housing Material Reflector material	Plastic Polycarbonate aluminum coated
Housing Material Reflector material Optic material	Polycarbonate aluminum coated
Housing Material Reflector material Optic material Optical cover material	
Housing Material Reflector material Optic material Optical cover material Fixation material	Polycarbonate aluminum coated - Polycarbonate -
Housing Material Reflector material Optic material Optical cover material	Polycarbonate aluminum coated

Overall diameter	218 mm	
Approval and Application		
Ingress protection code	IP20 [Finger-protected]	
Mech. impact protection code	IK02 [0.2 J standard]	
Protection class IEC	Safety class I	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.43, 0.40) SDCM<3	
Power consumption tolerance	+/-5%	
Over Time Performance (IEC Compliant)		
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 ℃	
Maximum dim level	1%	
Suitable for random switching	No	
Product Data		
Order product name	DN470T LED20S/830 PSED-E D22H16 5C6	
	WH	
Full product name	DN470T LED20S/830 PSED-E D22H16 5C6	
	WH	
Full product code	871869907145500	
Order code	910504110803	
Material Nr. (12NC)	910504110803	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699071455	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718699071455	

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Dimensional drawing





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