PHILIPS Lighting



GreenSpace

DN470T LED20S/840 PSED-E D22H16 5C6 WH

GreenSpace, 18.3 W, 2200 lm, 4000 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]
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	2,200 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 lm/W

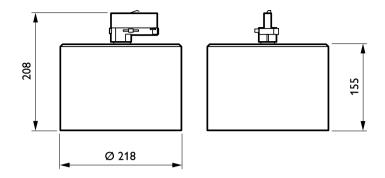
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Color rendering index (CRI)	>80	Overall diam
Number of light sources	1	
Light source color	840 neutral white	Approval a
Optic type	-	Ingress prote
Optical cover type	Polycarbonate bowl/cover flat	Mech. impac
Luminaire light beam spread	88°	Protection cl
Unified glare rating CEN	22	
		Initial Perfe
Operating and Electrical		Luminous flu
Input Voltage	220 to 240 V	Initial chrom
Line Frequency	50 to 60 Hz	Power consu
Inrush current	16 A	
Inrush time	0.220 ms	Over Time
Power Consumption	18.3 W	Control gear
Power Factor (Fraction)	0.9	life 50000 h
Connection	Connection unit 5-pole	Lumen maint
Cable	-	life* 50000 l
Number of products on MCB of 16 A type	24	Lumen maint
В		life* 100000
Temperature		Application
Ambient temperature range	+10 to +40 °C	Performance
		Maximum di
Controls and Dimming		Suitable for r
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit with DALI interface, DC	Product Da
	compatible, external	Order produc
Control interface	DALI	
Constant light output	No	Full product
Mechanical and Housing		Full product
Housing Material	Plastic	Order code
Reflector material	Polycarbonate aluminum coated	Material Nr. (
Optic material	-	Numerator -
Optical cover material	Polycarbonate	EAN/UPC - F
Fixation material	-	Numerator -
Housing Color	White RAL 9003	EAN/UPC - C
Optical cover finish	Opal	

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	(0.38, 0.38) 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/840 PSED-E D22H16 5C6	
	WH	
Full product name	DN470T LED20S/840 PSED-E D22H16 5C6	
	WH	
Full product code	871869907146200	
Order code	910504110903	
Material Nr. (12NC)	910504110903	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699071462	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718699071462	

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Dimensional drawing





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