



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		Light Technical	
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Luminous Flux	2,200 lm
Cap-Base	- [-]	Correlated Color Temperature (Nom)	4000 K
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		

Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	840 neutral 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	14 A
Inrush time	0.240 ms
Power Consumption	18.3 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
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Plastic
Reflector material	Polycarbonate aluminum coated
Optic material	-
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White RAL 9003
Optical cover finish	Opal

Overall height	208 mm
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 life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L90
Lumen maintenance at median useful life* 100000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	No

Product Data

Order product name	DN470T LED20S/840 PSU-E D22H16 3C WH
Full product name	DN470T LED20S/840 PSU-E D22H16 3C WH
Full product code	871869907144800
Order code	910504110703
Material Nr. (12NC)	910504110703
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699071448
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699071448

Dimensional drawing

