GreenSpace

DN470T LED20S/840 PSU-E D22H16 3C GR

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	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	2,200 lm
Correlated Color Temperature (Nom)	4000 K

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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 life 50000 h	5 %
Power Factor (Fraction)	0.9		Lumen maintenance at median useful life* 50000 h	L90
Connection	Connection unit 3-pole			
Cable	–		Lumen maintenance at median useful life* 100000 h	L80
Number of products on MCB of 16 A type B	34			
			Application Conditions	
Temperature			Performance ambient temperature Tq	25 °C
Ambient temperature range	+10 to +40 °C		Suitable for random switching	No
Controls and Dimming			**Product Data**	
Dimmable	No		Order product name	DN470T LED20S/840 PSU-E D22H16 3C GR
Driver/power unit/transformer	Power supply unit external (On/Off)		Full product name	DN470T LED20S/840 PSU-E D22H16 3C GR
Constant light output	No		Full product code	871869907152300
			Order code	910504111503
Mechanical and Housing			Material Nr. (12NC)	910504111503
Housing Material	Plastic		Numerator – Quantity Per Pack	1
Reflector material	Polycarbonate aluminum coated		EAN/UPC – Product/Case	8718699071523
Optic material	–		Numerator – Packs per outer box	1
Optical cover material	Polycarbonate		EAN/UPC – Case	8718699071523
Fixation material	–			
Housing Color	Grey			
Optical cover finish	Opal			

Dimensional drawing

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2023, September 4 – data subject to change