



GreenSpace

DN470T LED20S/830 DIA-VLC D22H16 5C6 BK

GreenSpace, Track-mounted, 16.2 W, D218 mm, 2200 lm, 3000 K, DALI, Interact Ready, High-gloss reflector, VLC, IP20

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]	Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	No	ENEC mark	ENEC mark
Number of gear units	1 unit	Glow-wire test	Temperature 650 °C, duration 5 s
Driver included	Yes	EU RoHS compliant	Yes
Connectivity	Interact Ready	Light Technical	
Lighting Technology	LED	Luminous Flux	2,200 lm
Value ladder	Specification	Saturated Red (R9)	<50
CE mark	Yes	Correlated Color Temperature (Nom)	3000 K
Warranty period	5 years	Luminous Efficacy (rated) (Nom)	134 lm/W
		Color rendering index (CRI)	>80

Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	-
Luminaire light beam spread	120°
Unified glare rating CEN	22

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	20.4 A
Inrush time	0.195 ms
Power Consumption	16.2 W
Power Factor (Fraction)	0.9
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	+10 to +40 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Dali dimming Interact System ready visual light communicaton enabled
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Polycarbonate aluminum coated
Optic material	-
Optical cover material	-
Fixation material	-
Housing Color	Black
Optical cover finish	-
Reflector Finish	High-gloss reflector
Overall height	157 mm
Overall diameter	218 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM<3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Control gear failure rate at median useful life 50000 h	1 %
Lumen maintenance at median useful life* 35000 h	-
Lumen maintenance at median useful life* 50000 h	L90
Lumen maintenance at median useful life* 75000 h	-
Lumen maintenance at median useful life* 100000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

Product Data

Order product name	DN470T LED20S/830 DIA-VLC D22H16 5C6 BK
Full product name	DN470T LED20S/830 DIA-VLC D22H16 5C6 BK
Full product code	871869938949900
Order code	912500100269
Material Nr. (12NC)	912500100269
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699389499
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699389499

Dimensional drawing

