GreenSpace

DN470T LED20S/840 PSU D22H16 3C BK

GreenSpace, Track-mounted, 16.4 W, D218 mm, 2300 lm, 4000 K, High-gloss reflector, IP20

Customers want to strike the ideal balance between their initial investment and the cost of the installation during its lifetime. GreenSpace is a cost-efficient and sustainable downlight that can be used to replace conventional CFL downlights in general lighting applications. It features the latest LED technology, which enables extremely low power consumption, while delivering consistent light output, stable colour performance and high colour rendering. 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	Unit
Driver included	Yes
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	2,300 lm
Saturated Red (R9)	<50
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	138 lm/W
Colour rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source colour	840 neutral white
Optic type	–
Luminaire light beam spread	120°
Unified Glare Rating (CEN)	22

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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	18 A
Inrush time	0.250 ms
Power Consumption	16.4 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

Controls and Dimming

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

Mechanical and Housing

Housing material	Polycarbonate
Reflector material	Aluminium and polycarbonate
Optic material	–
Optical cover/lens material	–
Fixation material	–
Housing Colour	Black
Optical cover/lens 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	(0.38, 0.38) SDCM<3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	1 %
Control gear failure rate at median useful life 50,000 h	1 %
Lumen maintenance at median useful life* 35000 h	–
Lumen maintenance at median useful life* 50,000 h	L90
Lumen maintenance at median useful life* 75000 h	–
Lumen maintenance at median useful life* 100,000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Order product name	DN470T LED20S/840 PSU D22H16 3C BK
Full product name	DN470T LED20S/840 PSU D22H16 3C BK
Full EOC	871869938948200
Order code	38948200
Material no. (12 NC)	912500100268
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699389482
Numerator – packs per outer box	1
EAN/UPC – Case	8718699389482

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Dimensional drawing

Ø 218

208

155

157

Ø 218

Ø 175

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2023, April 15 – data subject to change