



# GreenSpace

## DN470T LED20S/830 PSU D22H16 3C BK

GreenSpace, Track-mounted, 16.4 W, D218 mm, 2200 lm, 3000 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		Light Technical	
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Luminous Flux	2,200 lm
Light source replaceable	No	Saturated Red (R9)	<50
Number of gear units	Unit	Correlated Colour Temperature	3000 K
Driver included	Yes	Luminous efficacy (rated) (nom.)	132 lm/W
Lighting Technology	LED	Colour rendering index (CRI)	>80
Value ladder	Specification	Flickering value (PstLM)	1
CE mark	Yes	Stroboscopic effect	0.4
Warranty period	5 years	Number of light sources	1
Flammability mark	For mounting on normally flammable surfaces	Beam angle of light source	120 degree(s)
ENEC mark	ENEC mark	Light source colour	830 warm white
Glow-wire test	Temperature 650 °C, duration 5 s	Optic type	-
EU RoHS compliant	Yes	Luminaire light beam spread	120°
		Unified Glare Rating (CEN)	22

<b>Operating and Electrical</b>	
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
<b>Temperature</b>	
Ambient temperature range	+10 to +40 °C
<b>Controls and Dimming</b>	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	–
Constant light output	No
<b>Mechanical and Housing</b>	
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
<b>Approval and Application</b>	
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

<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM<3
Power consumption tolerance	+/-10%
<b>Over Time Performance (IEC Compliant)</b>	
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
<b>Application Conditions</b>	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No
<b>Product Data</b>	
Order product name	DN470T LED20S/830 PSU D22H16 3C BK
Full product name	DN470T LED20S/830 PSU D22H16 3C BK
Full EOC	871869938947500
Order code	38947500
Material no. (12 NC)	912500100267
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699389475
Numerator – packs per outer box	1
EAN/UPC – Case	8718699389475

Dimensional drawing

