GreenSpace

DN470T LED20S/830 PSU D22H16 3C WH

GreenSpace, 19.2 W, 2100 lm, 3000 K

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
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

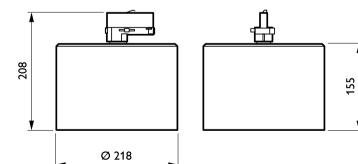| Light Technical	
Luminous Flux	2,100 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	830 warm white
Optic type	–
Luminaire light beam spread	88°
Unified glare rating CEN	22

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Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	18 A
Inrush time	0.250 ms
Power Consumption	19.2 W
Power Factor (Fraction)	0.90
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)
Constant light output	No

Mechanical and Housing

Housing Material	Plastic
Reflector material	Polycarbonate aluminum coated
Optic material	–
Optical cover material	–
Fixation material	–
Housing Color	White RAL 9003
Optical cover finish	–
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 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	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	Not applicable

Product Data

Order product name	DN470T LED20S/830 PSU D22H16 3C WH
Full product name	DN470T LED20S/830 PSU D22H16 3C WH
Full product code	871869938951200
Order code	912500100271
Material Nr. (12NC)	912500100271
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718699389512
Numerator – Packs per outer box	1
EAN/UPC – Case	8718699389512

Dimensional drawing

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www.lighting.philips.com

2023, September 4 – data subject to change