PHILIPS Lighting



GreenSpace

DN470B LED20S/830 PSU-E C WH P

GreenSpace, 15.2 W, D200 mm, 2000 lm, 3000 K, High-gloss reflector, 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 150mm to 280mm which is the ideal solution for your renovation project. It saves the hassle, avoids time consuming and costly adaptor rings. 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 with at least 55% recycled or mass-balanced bio-circular material, making it a conscious choice for those that want to contribute to a circular economy.GreenSpace can be connected to wireless systems to create a smart office lighting solution with optional integrated sensors as well.

Product data

General Information	
Lamp family code	LED20S [LED Module, system flux 2000 lm]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Service tag	Yes
Lighting Technology	LED
Value ladder	Specification
Warranty period	5 years

Sustainability rating	Lighting for circularity
Light Technical	
Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	131 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Beam angle of light source	- degree(s)
Light source color	830 warm white
-	

GreenSpace

Optic type	-
Luminaire light beam spread	120°
Unified glare rating CEN	22
Operating and Electrical	
Operating and Electrical	220.2401/
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W W
Average CLO power consumption	- W W
Inrush current	14 A
Inrush time	0.130 ms
Power Consumption	15.2 W
Power Factor (Fraction)	0.9
Connection	Feed-through connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	65
Suitable for random switching	Yes
Protection class IEC	Safety class II
Total harmonic distortion	20 %
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable
Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	-
Fixation material	-
Housing Color	White
Optical cover finish	-
Reflector Finish	High-gloss reflector
Overall height	
Overall diameter	94 mm
	216 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	0.700 kg
Emergency Operation	
Control Emergeneration	No

Central Emergency

No

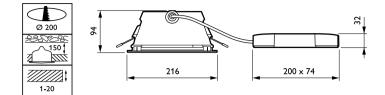
Approval and Application Glow-wire test Temperature 750 °C, duration 30 s Flammability mark CE mark Yes ENEC mark ENEC mark EU RoHS compliant Yes Performance ambient temperature Tq 25 °C *-Per Lighting Europe guidance paper Remarks "Evaluating performance of LED based luminaires - January 2018": statistically 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. Ambient temperature range +10 to +40 °C Initial Performance (IEC Compliant) Luminous flux tolerance +/-10% Initial chromaticity (0.43, 0.40) SDCM<3 +/-10% Power consumption tolerance Standard Deviation of Colour Matching SDCM≤3 (McAdam ellipse) **Over Time Performance (IEC Compliant)** Driver failure rate at 5000 h 1% Control gear failure rate at median useful 10 % life 50000 h Lumen maintenance at median useful life* L90 50000 h **Product Data** DN470B LED20S/830 PSU-E C WH P Order product name Full product name DN470B LED20S/830 PSU-E C WH P 871869979327200 Full product code 912500100522 Order code Material Nr. (12NC) 912500100522 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718699793272 Numerator - Packs per outer box 1 EAN/UPC - Case 8718699793272

DN470B [200mm]

Product family code

GreenSpace

Dimensional drawing





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