



GreenSpace

DN472B LED20S/840 PSU-E C WH PCO P

GreenSpace, 19.2 W, D200 mm, 2100 lm, 4000 K, High-gloss reflector, Opal, IP20/54

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		Sustainability rating	
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Lighting for circularity	
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		
		Light Technical	
		Luminous Flux	2,100 lm
		Correlated Color Temperature (Nom)	4000 K
		Luminous Efficacy (rated) (Nom)	109 lm/W
		Color rendering index (CRI)	>80
		Number of light sources	1
		Beam angle of light source	- degree(s)
		Light source color	840 neutral white

Optic type	-
Luminaire light beam spread	120°
Unified glare rating CEN	25

Operating and Electrical

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	19.2 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	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Reflector Finish	High-gloss reflector
Overall height	94 mm
Overall diameter	216 mm
Ingress protection code	IP20/54 [Finger-protected; dust accumulation-protected, splash-proof]
Mech. impact protection code	IK06 [1 J]
Net Weight (Piece)	0.700 kg

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
Remarks	*-Per Lighting Europe guidance paper “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	-15 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM<3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Control gear failure rate at median useful life 50000 h	10 %
Lumen maintenance at median useful life* L90 50000 h	

Product Data

Order product name	DN472B LED20S/840 PSU-E C WH PCO P
Full product name	DN472B LED20S/840 PSU-E C WH PCO P
Full product code	871869979348700
Order code	912500100543
Material Nr. (12NC)	912500100543
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699793487
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699793487
Product family code	DN472B [200mm, IP54(PCO UGR27)]

Dimensional drawing

