



GreenSpace

DN472B LED20S/830 PSU-E C WH PCC P

GreenSpace, 16.8 W, D200 mm, 2025 lumen, 3000 K, High-gloss reflector, Clear, IP54

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 color performance and high color rendering. The product's long lifetime makes it a true 'fit and forget' solution.

Product data

General Information		Lighting Technology	
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Lighting Technology	LED
Cap-Base	- [-]	Value ladder	Specification
Light source replaceable	No	CE mark	Yes
Number of gear units	1 unit	Warranty period	5 years
Gear	-	Flammability mark	-
Driver included	Yes	ENEC mark	ENEC mark
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.	Glow-wire test	Temperature 750 °C, duration 5 s
Service tag	Yes	EU RoHS compliant	Yes
Product family code	DN472B [200mm, IP54(PCO UGR27)]	Light Technical	
		Luminous Flux	2,025 lumen
		Correlated Color Temperature (Nom)	3000 K
		Luminous Efficacy (rated) (Nom)	120 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
Optic type	-
Luminaire light beam spread	120°
Unified glare rating CEN	22

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Voltage	220 to 240 V
Initial CLO power consumption	- W W
Average CLO power consumption	- W W
Inrush current	15.8 A
Inrush time	0.224 ms
Power Consumption	16.8 W
Power Factor (Fraction)	0.9
Connection	Feed-through connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	36

Temperature

Ambient temperature range	-15 to +40 °C
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Controls and Dimming

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

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover/lens finish	Clear
Reflector Finish	High-gloss reflector
Overall height	94 mm
Overall diameter	216 mm

Approval and Application

Ingress protection code	IP54 [Dust accumulation-protected, splash-proof]
Mech. impact protection code	IK06 [1 J]
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Initial chromaticity	(0.44, 0.40) SDCM<3
Luminous flux tolerance	+/-10%
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

Maximum dim level	Not applicable
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data

Full product code	871869938470800
Order product name	DN472B LED20S/830 PSU-E C WH PCC P
Order code	38470800
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912500100070
Full product name	DN472B LED20S/830 PSU-E C WH PCC P
EAN/UPC - Case	8718699384708
EAN/UPC - Product/Case	8718699384708

Dimensional drawing

