

# **GreenSpace**

## DN470B LED20S/830 PSED-E C WH CU5 GC

200mm, LED Module, system flux 2000 lm, 830 warm white, Power supply unit with DALI interface, DC compatible, external, Connection unit 5-pole, Wire-protected, splash-proof, White RAL 9003

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
Gear	-
Driver included	Yes
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.	
Product family code	DN470B [200mm]	
Lighting Technology	LED	
Value ladder	Specification	
CE mark	Yes	
Warranty period	3 years	

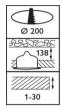
Datasheet, 2023, September 4 data subject to change

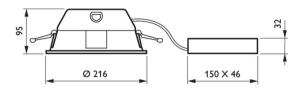
# GreenSpace

Flammability mark	For mounting on normally flammable	Optic material	Polycarbonate
rianimability mark	surfaces	Optical cover material	Glass
ENEC mark	ENEC mark	Fixation material	Glass
Glow-wire test	Temperature 850 °C, duration 5 s	Housing Color	White RAL 9003
EU RoHS compliant	Yes		
EO ROAS COMPITANT	ies	Optical cover finish	Clear
Light Tochnical		Overall Height	95 mm
Light Technical	2.050 les	Overall diameter	216 mm
Luminous Flux	2,050 lm	Approval and Application	
Correlated Color Temperature (Nom)	3000 K	Approval and Application	ID44 (Mina protected epigeb proof)
Luminous Efficacy (rated) (Nom)	112 lm/W	Ingress protection code	IP44 [Wire-protected, splash-proof]
Color rendering index (CRI)	80	Mech. impact protection code	IK02 [0.2 J standard]
Number of light sources	1	Protection class IEC	Safety class II
Beam angle of light source	120 degree(s)	133.15.6	
Light source color	830 warm white	Initial Performance (IEC Compliant	-
Optic type	High-gloss mirror	Luminous flux tolerance	+/-10%
Luminaire light beam spread	88°	Initial chromaticity	(0.44, 0.40) SDCM<3
Unified glare rating CEN	22	Power consumption tolerance	+/-5%
Operating and Electrical		Over Time Performance (IEC Compliant)	
Input Voltage	220 to 240 V	Control gear failure rate at median usefu	ıl 5%
Line Frequency	50 to 60 Hz	life 50000 h	
Inrush current	16 A	Lumen maintenance at median useful	L90
Inrush time	0.22 ms	life* 50000 h	
Power Consumption	18.3 W	Lumen maintenance at median useful	L80
Power Factor (Fraction)	0.9	life* 100000 h	
Connection	Connection unit 5-pole		
Cable	<del>-</del>	Application Conditions	
Number of products on MCB of 16 A type	24	Performance ambient temperature Tq	25 °C
В		Maximum dim level	1%
		Suitable for random switching	Yes
Temperature			
Ambient temperature range	+10 to +40 °C	Product Data	
		Order product name	DN470B LED20S/830 PSED-E C WH CU5 GC
Controls and Dimming		Full product name	DN470B LED20S/830 PSED-E C WH CU5 GC
Dimmable	Yes	Full product code	871869624693100
Driver/power unit/transformer	Power supply unit with DALI interface, DC	Order code	910500456281
	compatible, external	Material Nr. (12NC)	910500456281
Control interface	DALI	Numerator - Quantity Per Pack	1
Constant light output	No	EAN/UPC - Product/Case	8718696246931
		Numerator - Packs per outer box	1
Mechanical and Housing		EAN/UPC - Case	8718696246931
Housing Material	Aluminum		
Reflector material	Polycarbonate aluminum coated		

## GreenSpace

### Dimensional drawing







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