



GreenSpace

DN470B LED20S/830 PSD-VLC-E C ELP3 WH

200mm, LED Module, system flux 2000 lm, 830 warm white, Power supply unit with DALI interface, DC compatible, external, Emergency lighting 3 hours duration, 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.	
Service tag	Yes	
Product family code	DN470B [200mm]	
Lighting Technology	LED	
Value ladder	Specification	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	For mounting on normally flammable	
	surfaces	

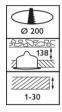
Datasheet, 2023, September 4 data subject to change

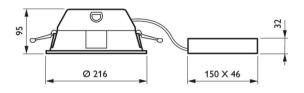
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ENEC mark	ENEC mark	Fixation material	-
Glow-wire test	Temperature 850 °C, duration 5 s	Housing Color	White RAL 9003
EU RoHS compliant	Yes	Optical cover finish	-
		Overall height	95 mm
Light Technical		Overall diameter	216 mm
Luminous Flux	2,150 lm		
Correlated Color Temperature (Nom)	3000 K	Approval and Application	
Luminous Efficacy (rated) (Nom)	115.59 lm/W	Ingress protection code	IP20 [Finger-protected]
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)		
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 useful	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	18.6 W	Lumen maintenance at median useful	L80
Power Factor (Fraction)	0.9	life* 100000 h	
Connection	Push-in connector and pull relief		
Cable	-	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 PSD-VLC-E C ELP3
Controls and Dimming			WH
Dimmable	Yes	Full product name	DN470B LED20S/830 PSD-VLC-E C ELP3
Driver/power unit/transformer	Power supply unit with DALI interface, DC		WH
	compatible, external	Full product code	871869624343500
Control interface	DALI	Order code	910500454972
Constant light output	No	Material Nr. (12NC)	910500454972
		Numerator - Quantity Per Pack	1
Mechanical and Housing		EAN/UPC - Product/Case	8718696243435
Housing Material	Aluminum	Numerator - Packs per outer box	1
Reflector material	Polycarbonate aluminum coated	EAN/UPC - Case	8718696243435
Optic material	Polycarbonate		
Optical cover material	-		

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Dimensional drawing







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