



GreenSpace

DN470B LED20S/830 PSD-VLC-E C WH

200mm, LED Module, system flux 2000 lm, 830 warm white, Power supply unit with DALI interface, DC compatible, external, 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		

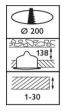
Datasheet, 2023, September 4 data subject to change

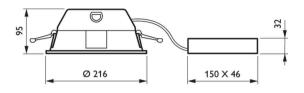
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ENEC mark	ENEC mark	Optical cover material	-
Glow-wire test	Temperature 850 °C, duration 5 s	Fixation material	-
EU RoHS compliant	Yes	Housing Color	White RAL 9003
		Optical cover finish	-
Light Technical		Overall height	95 mm
Luminous Flux	2,150 lm	Overall diameter	216 mm
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	115.59 lm/W	Approval and Application	
Color rendering index (CRI)	80	Ingress protection code	IP20 [Finger-protected]
Number of light sources	1	Mech. impact protection code	IKO2 [0.2 J standard]
Beam angle of light source	120 degree(s)	Protection class IEC	Safety class II
Light source color	830 warm white		
Optic type	High-gloss mirror	Initial Performance (IEC Compliant)	
Luminaire light beam spread	88°	Luminous flux tolerance	+/-10%
Unified glare rating CEN	22	Initial chromaticity	(0.44, 0.40) SDCM<3
		Power consumption tolerance	+/-5%
Operating and Electrical			
Input Voltage	220 to 240 V	Over Time Performance (IEC Compli	ant)
Line Frequency	50 to 60 Hz	Control gear failure rate at median useful	5 %
Inrush current	16 A	life 50000 h	
Inrush time	0.22 ms	Lumen maintenance at median useful life*	L90
Power Consumption	18.6 W	50000 h	
Power Factor (Fraction)	0.9	Lumen maintenance at median useful life*	L80
Connection	Push-in connector and pull relief	100000 h	
Cable	-		
Number of products on MCB of 16 A type	24	Application Conditions	
В		Performance ambient temperature Tq	25 °C
		Maximum dim level	1%
Temperature		Suitable for random switching	Yes
Ambient temperature range	+10 to +40 °C		
		Product Data	
Controls and Dimming		Order product name	DN470B LED20S/830 PSD-VLC-E C WH
Dimmable	Yes	Full product name	DN470B LED20S/830 PSD-VLC-E C WH
Driver/power unit/transformer	Power supply unit with DALI interface, DC	Full product code	871869624341100
	compatible, external	Order code	910500454970
Control interface	DALI	Material Nr. (12NC)	910500454970
Constant light output	No	Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8718696243411
Mechanical and Housing		Numerator - Packs per outer box	1
Housing Material	Aluminum	EAN/UPC - Case	8718696243411
Reflector material	Polycarbonate aluminum coated		
Optic material	Polycarbonate		

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Dimensional drawing







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