PHILIPS Lighting



GreenSpace

DN470B LED20S/830 PSU-E C ELP3 WH

200mm, LED Module, system flux 2000 lm, 830 warm white, Power supply unit DC compatible, external, Emergency lighting 3 hours duration, Connection unit 3-pole, White RAL 9003

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	
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

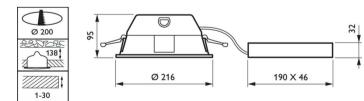
Product family code	DN470B [200mm]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,150 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	115.59 lm/W

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Color rendering index (CRI)	80	Overall diameter
Number of light sources	1	
Beam angle of light source	120 degree(s)	Approval and A
Light source color	830 warm white	Ingress protection
Optic type	High-gloss mirror	Mech. impact prot
Luminaire light beam spread	88°	Protection class IE
Unified glare rating CEN	22	
		Initial Performa
Operating and Electrical		Luminous flux tole
Input Voltage	220 to 240 V	Initial chromaticity
Line Frequency	50 to 60 Hz	Power consumption
Inrush current	14 A	
Inrush time	0.24 ms	Over Time Perfo
Power Consumption	18.6 W	Control gear failur
Power Factor (Fraction)	0.9	life 50000 h
Connection	Connection unit 3-pole	Lumen maintenan
Cable	-	life* 50000 h
Number of products on MCB of 16 A type	30	Lumen maintenan
В		life* 100000 h
Temperature		Application Cor
Ambient temperature range	+10 to +40 °C	Performance ambi
		Suitable for rando
Controls and Dimming		
Dimmable	No	Product Data
Driver/power unit/transformer	Power supply unit DC compatible, external	Order product nan
Constant light output	No	Full product name
		Full product code
Mechanical and Housing		Order code
Housing Material	Aluminum	Material Nr. (12NC
Reflector material	Polycarbonate aluminum coated	Numerator - Quan
Optic material	Polycarbonate	EAN/UPC - Produ
Optical cover material	-	Numerator - Packs
Fixation material		EAN/UPC - Case
Housing Color	White RAL 9003	,
Optical cover finish	-	
Overall height	95 mm	
	551111	

Overall diameter	216 mm	
Approval and Application		
Ingress protection code	IP20 [Finger-protected]	
Mech. impact protection code	IK02 [0.2 J standard]	
Protection class IEC	Safety class II	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.44, 0.40) SDCM<3	
Power consumption tolerance	+/-5%	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median useful	5 %	
life 50000 h		
Lumen maintenance at median useful	L90	
life* 50000 h		
Lumen maintenance at median useful	L80	
life* 100000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Suitable for random switching	Yes	
Product Data		
Order product name	DN470B LED20S/830 PSU-E C ELP3 WH	
Full product name	DN470B LED20S/830 PSU-E C ELP3 WH	
Full product code	871869624685600	
Order code	24685600	
Material Nr. (12NC)	910500456273	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696246856	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718696246856	

Dimensional drawing



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