PHILIPS Lighting



GreenSpace

DN470B LED20S/830 PSE-E C WH CU3

200mm, LED Module, system flux 2000 lm, 830 warm white, Power supply unit DC compatible, external, Connection unit 3pole, 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.
Product family code	DN470B [200mm]

Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	3 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	2,100 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	115 lm/W
Color rendering index (CRI)	80

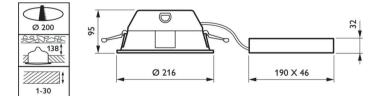
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Number of light sources	1	Overall diameter
Beam angle of light source	120 degree(s)	
Light source color	830 warm white	Approval and A
Optic type	High-gloss mirror	Ingress protection
Luminaire light beam spread	88°	Mech. impact prot
Unified glare rating CEN	22	Protection class IE
Operating and Electrical		Initial Performa
Input Voltage	220 to 240 V	Luminous flux tole
Line Frequency	50 to 60 Hz	Initial chromaticity
Inrush current	14 A	Power consumption
Inrush time	0.24 ms	
Power Consumption	18.3 W	Over Time Perfo
Power Factor (Fraction)	0.9	Control gear failur
Connection	Connection unit 3-pole	life 50000 h
Cable	-	Lumen maintenan
Number of products on MCB of 16 A type	30	life* 50000 h
В		Lumen maintenan life* 100000 h
Temperature		
Ambient temperature range	+10 to +40 °C	Application Con
		Performance ambi
Controls and Dimming		Suitable for rando
Dimmable	No	
Driver/power unit/transformer	Power supply unit DC compatible, external	Product Data
Constant light output	No	Order product nam
		Full product name
Mechanical and Housing		Full product code
Housing Material	Aluminum	Order code
Reflector material	Polycarbonate aluminum coated	Material Nr. (12NC
Optic material	Polycarbonate	Numerator - Quan
Optical cover material	-	EAN/UPC - Produc
Fixation material	-	Numerator - Packs
Housing Color	White RAL 9003	EAN/UPC - Case
Optical cover finish	-	
Overall height	95 mm	

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 °C		
Suitable for random switching	Yes		
Product Data			
Order product name	DN470B LED20S/830 PSE-E C WH CU3		
Full product name	DN470B LED20S/830 PSE-E C WH CU3		
Full product code	871869624683200		
Order code	24683200		
Material Nr. (12NC)	910500456271		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718696246832		
Numerator - Packs per outer box	1		

8718696246832

Dimensional drawing



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