PHILIPS Lighting



GreenSpace

DN470B LED20S/840 PSE-E C WH GC

200mm, LED Module, system flux 2000 lm, 840 neutral white, Power supply unit DC compatible, external, Wire-protected, splash-proof, 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

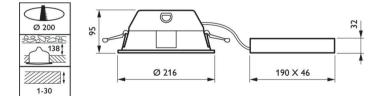
General Information		Lighting Technology	LED
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Value ladder	Specification
Cap-Base	- [-]	CE mark	Yes
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	Flammability mark	For mounting on normally flammable
Gear	_		surfaces
Driver included	Yes	ENEC mark	ENEC mark
Remarks	*-Per Lighting Europe guidance paper	Glow-wire test	Temperature 850 °C, duration 5 s
	"Evaluating performance of LED based	EU RoHS compliant	Yes
	luminaires - January 2018": statistically there		
	is no relevant difference in lumen	Light Technical	
	maintenance between B50 and for example	Luminous Flux	2,200 lm
	B10. Therefore, the median useful life (B50)	Correlated Color Temperature (Nom)	4000 K
	value also represents the B10 value.	Luminous Efficacy (rated) (Nom)	118.28 lm/W
Product family code	DN470B [200mm]	Color rendering index (CRI)	80

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Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	High-gloss mirror
Luminaire light beam spread	88°
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	14 A
Inrush time	0.24 ms
Power Consumption	18.6 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	30
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit DC compatible, external
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	Glass
Fixation material	-
Housing Color	White RAL 9003
Optical cover finish	Clear
Overall height	95 mm
-	

Overall diameter	216 mm			
Approval and Application				
Ingress protection code	IP44 [Wire-protected, splash-proof]			
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	(0.38, 0.38) 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/840 PSE-E C WH GC			
Full product name	DN470B LED20S/840 PSE-E C WH GC			
Full product code	871869624340400			
Order code	24340400			
Material Nr. (12NC)	910500454969			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696243404			
Numerator - Packs per outer box	1			

Dimensional drawing



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www.lighting.philips.com 2023, April 29 - data subject to change