PHILIPS Lighting



GreenSpace

DN470B LED20S/830 PSE-E C WH PGO

200mm, LED Module, system flux 2000 lm, 830 warm 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 colour performance and high colour 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	Unit	
Gear	-	
Driver included	Yes	
Remarks	s *- According to the Lighting Europe guida	
	paper 'Evaluating performance of LED based	
	luminaires – January 2018': statistically there	
	is no relevant difference in lumen	
	maintenance between the B50 and, for	
	example, the B10. Therefore, the median	
	useful life (B50) value also represents the B10	
	value.	

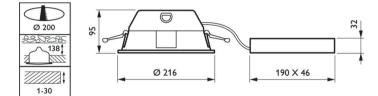
Product family code	DN470B [200mm]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous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

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Colour rendering index (CRI)	80	Overall dian
Beam angle of light source	120 degree(s)	
Light source colour	830 warm white	Approval a
Optic type	High-gloss mirror	Ingress prot
Luminaire light beam spread	88°	Mech. impa
Unified Glare Rating (CEN)	25	Protection c
Operating and Electrical		Initial Perf
Input Voltage	220 to 240 V	Luminous fl
Line Frequency	50 to 60 Hz	Initial chron
Inrush current	14 A	Power cons
Inrush time	0.24 ms	
Power Consumption	18.6 W	Over Time
Power Factor (Fraction)	0.9	Control gea
Connection	Push-in connector and pull relief	life 50,000
Cable	-	Lumen main
Number of products on MCB of 16 A type	30	life* 50,000
В		Lumen main
		life* 100,00
Temperature		
Ambient temperature range	+10 to +40 °C	Applicatio
		Performance
Controls and Dimming		Suitable for
Dimmable	No	
Driver/power unit/transformer	Power supply unit DC-compatible, external	Product D
Constant light output	No	Order produ
		Full product
Mechanical and Housing		Full EOC
Housing material	Aluminium	Order code
Reflector material	Aluminium and polycarbonate	Material no.
Optic material	Polycarbonate	SAP numera
Optical cover/lens material	Glass	EAN/UPC -
Fixation material	-	Numerator -
Housing Colour	White RAL 9003	EAN/UPC -
Optical cover/lens finish	Frosted	
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	(0.44, 0.40) SDCM<3	
Power consumption tolerance	+/-5%	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median useful	5 %	
life 50,000 h		
Lumen maintenance at median useful	L90	
life* 50,000 h		
Lumen maintenance at median useful	L80	
life* 100,000 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 PGO	
Full product name	DN470B LED20S/830 PSE-E C WH PGO	
Full EOC	871869624675700	
Order code	24675700	
Material no. (12 NC)	910500456263	
SAP numerator – quantity per pack	1	
EAN/UPC — Product/Case	8718696246757	
Numerator – packs per outer box	1	
EAN/UPC - Case	8718696246757	

Dimensional drawing



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