PHILIPS Lighting



GreenSpace

DN471B LED20S/840 PSED-VLC-E C WH

200mm + anti-glare ring, LED Module, system flux 2000 lm, 840 neutral white, Power supply unit with DALI interface, DC compatible, external, 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

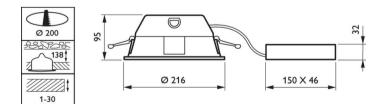
General Information		
Lamp family code	LED20S [LED Module, system flux 2000 lm]	
Cap-Base	- [-]	
Light source replaceable	No	
Number of gear units	1 unit	
Gear	-	
Driver included	Yes	
Remarks	*-Per Lighting Europe guidance paper	
	"Evaluating performance of LED based	
	luminaires - January 2018": statistically 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	DN471B [200mm + anti-glare ring]	
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	2,200 lm	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	118.28 lm/W	

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Color rendering index (CRI)	80	Overall height	95 mm
Number of light sources	1	Overall diameter	216 mm
Beam angle of light source	120 degree(s)		
Light source color	840 neutral white	Approval and Application	
Optic type	High-gloss mirror	Ingress protection code	IP20 [Finger-protected]
Luminaire light beam spread	64°	Mech. impact protection code	IK02 [0.2 J standard]
Unified glare rating CEN	19	Protection class IEC	Safety class II
Operating and Electrical		Initial Performance (IEC Complian	t)
Input Voltage	220 to 240 V	Luminous flux tolerance	+/-10%
Line Frequency	50 to 60 Hz	Initial chromaticity	(0.38, 0.38) SDCM<3
Inrush current	16 A	Power consumption tolerance	+/-5%
Inrush time	0.22 ms		
Power Consumption	18.6 W	Over Time Performance (IEC Compliant)	
Power Factor (Fraction)	0.9	Control gear failure rate at median useful 5 %	
Connection	Push-in connector and pull relief	life 50000 h	
Cable	-	Lumen maintenance at median useful	L90
Number of products on MCB of 16 A ty	ype 24	life* 50000 h	
В		Lumen maintenance at median useful	L80
		life* 100000 h	
Temperature			
Ambient temperature range	+10 to +40 °C	Application Conditions	
		Performance ambient temperature Tq	25 °C
Controls and Dimming		Maximum dim level	1%
Dimmable	Yes	Suitable for random switching	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC		
	compatible, external	Product Data	
Control interface	DALI	Order product name	DN471B LED20S/840 PSED-VLC-E C WH
Constant light output	No	Full product name	DN471B LED20S/840 PSED-VLC-E C WH
		Full product code	871869624352700
Mechanical and Housing		Order code	24352700
Housing Material	Aluminum	Material Nr. (12NC)	910500454981
Reflector material	Polycarbonate aluminum coated	Numerator - Quantity Per Pack	1
Optic material	Polycarbonate	EAN/UPC - Product/Case	8718696243527
Optical cover material	-	Numerator - Packs per outer box	1
Fixation material	-	EAN/UPC - Case	8718696243527
Housing Color	White RAL 9003		
Optical cover finish			

Dimensional drawing



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