PHILIPS Lighting



GreenSpace

DN472B LED20S/840 PSU-E C WH PCC P

GreenSpace, 15.2 W, D200 mm, 2000 lm, 4000 K, High-gloss reflector, Clear, IP54

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

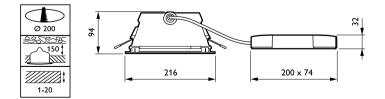
General Information		
Lamp family code	LED20S [LED Module, system flux 2000 lm]	
Light source replaceable	No	
Number of gear units	1 unit	
Gear	-	
Driver included	Yes	
Remarks	*-Per Lighting Europe guidance paper	
	"Evaluating performance of LED based	
	luminaires - January 2018": statistically	
	there 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	DN472B [200mm, IP54(PCO UGR27)]	
Lighting Technology	LED	

Value ladder	Specification	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	-	
ENEC mark	ENEC mark	
Glow-wire test	Temperature 750 °C, duration 5 s	
EU RoHS compliant	Yes	
Light Technical		
Luminous Flux	2,000 lm	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	131 lm/W	
Color rendering index (CRI)	>80	
Number of light sources	1	
Beam angle of light source	- degree(s)	
Light source color	840 neutral white	

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Optic type	-	Approval and Application	
Luminaire light beam spread	120°	Ingress protection code	IP54 [Dust accumulation-protected, splas
Unified glare rating CEN	22	_	proof]
		Mech. impact protection code	IK06 [1 J]
Operating and Electrical		Sustainability rating	Lighting for circularity
Input Voltage	220 to 240 V	Protection class IEC	Safety class II
Line Frequency	50 to 60 Hz		
Initial CLO power consumption	- W W	Initial Performance (IEC Compliant)	
Average CLO power consumption	- W W	Luminous flux tolerance	+/-10%
Inrush current	14 A	Initial chromaticity	(0.38, 0.38) SDCM<3
Inrush time	0.130 ms	Power consumption tolerance	+/-10%
Power Consumption	15.2 W		
Power Factor (Fraction)	0.9	Over Time Performance (IEC Compliant)	
Connection	Feed-through connector 3-pole	Driver failure rate at 5000 h	1 %
Cable	-	Control gear failure rate at median useful	5 %
Number of products on MCB of 16 A ty	/pe B 65	life 50000 h	
		Lumen maintenance at median useful life*	L90
Temperature		50000 h	
Ambient temperature range	-15 to +40 °C	Lumen maintenance at median useful life*	L80
		100000 h	
Controls and Dimming			
Dimmable	No	Application Conditions	
Driver/power unit/transformer	Power supply unit external (On/Off)	Performance ambient temperature Tq	25 ℃
Control interface	-	Maximum dim level	Not applicable
Constant light output	No	Suitable for random switching	Yes
Mechanical and Housing		 Product Data	
Mechanical and Housing	Polycarbonate	Order product name	DN472B LED20S/840 PSU-E C WH PCC F
Housing Material Reflector material	Polycarbonate aluminum coated	Full product name	DN472B LED20S/840 PSU-E C WH PCC F
Optic material	Polycarbonate		871869938471500
Optical cover material	Polycarbonate	Order code	38471500
Fixation material		Material Nr. (12NC)	912500100071
Housing Color	White	Numerator - Quantity Per Pack	1
Optical cover finish	Clear	EAN/UPC - Product/Case	8718699384715
Reflector Finish	High-gloss reflector	Numerator - Packs per outer box	1
Overall height	94 mm	EAN/UPC - Case	8718699384715
Overall diameter	216 mm		

Dimensional drawing



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