PHILIPS Lighting



GreenSpace

DN473B LED20S/840 PSD-VLC-E C PCC WH

GreenSpace, 16.8 W, 2000 lm, 4000 K, DALI, Clear

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	*- According to the Lighting Europe guidance
	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	DN473B [200mm + anti-glare ring, IP54]
Lighting Technology	LED
Value ladder	Specification

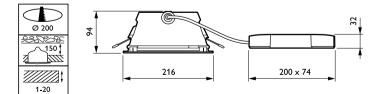
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 750 °C, duration 5 s
EU RoHS compliant	Yes
_ight Technical	
uminous Flux	2,000 lm
Correlated Colour Temperature	4000 K
uminous efficacy (rated) (nom.)	119 lm/W
olour rendering index (CRI)	>80
Beam angle of light source	- degree(s)
ight source colour	840 neutral white
Optic type	High-gloss mirror
uminaire light beam spread	120°
Jnified Glare Rating (CEN)	19

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Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W W
Average CLO power consumption	- W W
Inrush current	20.4 A
Inrush time	0.195 ms
Power Consumption	16.8 W
Power Factor (Fraction)	0.9
Connection	Feed-through connector 5-pole
Cable	-
Number of products on MCB of 16 A type	24
В	
Temperature	
Ambient temperature range	-15 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC-
	compatible, external
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing material	Polycarbonate
Reflector material	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Colour	White RAL 9003
Optical cover/lens finish	Clear
Overall height	94 mm
Overall diameter	216 mm
Approval and Application	
Ingress protection code	IP54 [Dust accumulation-protected, splash-
	proof]

Mech. impact protection code	IK06 [1 J]	
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	+/-10%	
Over Time Performance (IEC Compliant)		
Driver failure rate at 5,000 hours	1%	
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 ℃	
Maximum dim level	1%	
Suitable for random switching	Yes	
Product Data		
Order product name	DN473B LED20S/840 PSD-VLC-E C PCC WH	
Full product name	DN473B LED20S/840 PSD-VLC-E C PCC WH	
Full EOC	871869938477700	
Order code	38477700	
Material no. (12 NC)	912500100077	
SAP numerator – quantity per pack	1	
EAN/UPC — Product/Case	8718699384777	
Numerator – packs per outer box	1	
EAN/UPC - Case	8718699384777	

Dimensional drawing



GreenSpace



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