# **PHILIPS** Lighting



# GreenSpace

# DN470B LED20S/840 PSU-E C WH

200mm, LED Module, system flux 2000 lm, 840 neutral white, Power supply unit DC compatible, external, White RAL 9003

GreenSpace is a perfect solution where customers want to strike the ideal balance between their initial investment and the cost of the installation during its lifetime while they are covering multiple applications. GreenSpace features the latest LED technology which enables extremely low power consumption. With its perfect fit you'll get the LED downlight that always fits and looks perfect at the same time. This perfect fit is available for cut out sizes from 150 to 280 mm. GreenSpace is designed for Circular Economy with optimized performance, extended lifetime through upgradability and integration options, ease of customization, recycling and disassembly. Housing and rim are made from production waste of polycarbonate sheets that are retrieved from swimming pools, car ports and illuminated advertising. And 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	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

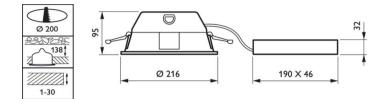
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EU RoHS compliant	Yes
	163
Light Technical	
Luminous Flux	2,200 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	118.28 lm/W
Color rendering index (CRI)	80
Number of light sources	1
Beam angle of light source	120 degree(s)
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	-
Fixation material	-

Housing Color	White RAL 9003
Optical cover finish	-
Overall height	95 mm
Overall diameter	216 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
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 Complia	
Control gear failure rate at median useful	5 %
life 50000 h Lumen maintenance at median useful life*	190
50000 h	200
Lumen maintenance at median useful life*	L80
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes
B	
Product Data	
Order product name	DN470B LED20S/840 PSU-E C WH
Full product name	DN470B LED20S/840 PSU-E C WH
Full product code	871869624336700
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Order code	910500454965
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Order code	
Order code Material Nr. (12NC)	910500454965
Order code Material Nr. (12NC) Numerator - Quantity Per Pack	910500454965 1

### GreenSpace

#### Dimensional drawing





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