PHILIPS Lighting



GreenSpace

DN470B LED20S/830 PSE-E C WH CU3 GC

200mm, LED Module, system flux 2000 lm, 830 warm white, Power supply unit DC compatible, external, Connection unit 3pole, 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 color performance and high color rendering. The product's long lifetime makes it a true 'fit and forget' solution.

Product data

General Information		Lighting Technol
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Value ladder
Cap-Base	- [-]	CE mark
Light source replaceable	No	Warranty period
Number of gear units	1 unit	Flammability ma
Gear	-	
Driver included	Yes	ENEC mark
Remarks	*-Per Lighting Europe guidance paper	Glow-wire test
	"Evaluating performance of LED based	EU RoHS compli
	luminaires - January 2018": statistically there	
	is no relevant difference in lumen	Light Technica
	maintenance between B50 and for example	Luminous Flux
	B10. Therefore, the median useful life (B50)	Correlated Color
	value also represents the B10 value.	Luminous Efficad
Product family code	DN470B [200mm]	Color rendering

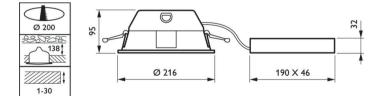
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	3 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,050 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	112 lm/W
Color rendering index (CRI)	80

GreenSpace

Number of light sources	1	Overall d
Beam angle of light source	120 degree(s)	
Light source color	830 warm white	Approva
Optic type	High-gloss mirror	Ingress p
Luminaire light beam spread	88°	Mech. im
Unified glare rating CEN	22	Protectio
Operating and Electrical		Initial P
Input Voltage	220 to 240 V	Luminous
Line Frequency	50 to 60 Hz	Initial chr
Inrush current	14 A	Power co
Inrush time	0.24 ms	
Power Consumption	18.3 W	Over Tir
Power Factor (Fraction)	0.9	Control g
Connection	Connection unit 3-pole	life 5000
Cable	-	Lumen m
Number of products on MCB of 16 A type	30	life* 500
В		Lumen m
		life* 1000
Temperature		
Ambient temperature range	+10 to +40 °C	Applicat
		Performa
Controls and Dimming		Suitable
Dimmable	No	
Driver/power unit/transformer	Power supply unit DC compatible, external	Product
Constant light output	No	Order pro
		Full prod
Mechanical and Housing		Full prod
Housing Material	Aluminum	Order co
Reflector material	Polycarbonate aluminum coated	Material
Optic material	Polycarbonate	Numerato
Optical cover material	Glass	EAN/UPC
Fixation material	-	Numerato
Housing Color	White RAL 9003	EAN/UPC
Optical cover finish	Clear	
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 Compl	iant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful	L90
life* 50000 h	
Lumen maintenance at median useful	L80
life* 100000 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 CU3 GC
Full product name	DN470B LED20S/830 PSE-E C WH CU3 GC
Full product code	871869624687000
Order code	24687000
Material Nr. (12NC)	910500456275
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696246870
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696246870

Dimensional drawing



GreenSpace



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

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