



# GreenSpace

## DN471B LED20S/830 PSED-E C WH CU5

200mm + anti-glare ring, LED Module, system flux 2000 lm, 830 warm white, Power supply unit with DALI interface, DC compatible, external, Connection unit 5-pole, 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 Technology	
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Lighting Technology	LED
Cap-Base	- [-]	Value ladder	Specification
Light source replaceable	No	CE mark	Yes
Number of gear units	1 unit	Warranty period	3 years
Gear	-	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	ENEC mark	ENEC mark
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.	Glow-wire test	Temperature 850 °C, duration 5 s
Product family code	DN471B [200mm + anti-glare ring]	EU RoHS compliant	Yes
		Light Technical	
		Luminous Flux	1,950 lm
		Correlated Color Temperature (Nom)	3000 K
		Luminous Efficacy (rated) (Nom)	107 lm/W
		Color rendering index (CRI)	80

Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	High-gloss mirror
Luminaire light beam spread	64°
Unified glare rating CEN	19

## Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	16 A
Inrush time	0.22 ms
Power Consumption	18.3 W
Power Factor (Fraction)	0.9
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type B	24

## Temperature

Ambient temperature range	+10 to +40 °C
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## 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	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
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## 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	(0.44, 0.40) SDCM<3
Power consumption tolerance	+/-5%

## Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* L90	50000 h
Lumen maintenance at median useful life* L80	100000 h

## Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

## Product Data

Order product name	DN471B LED20S/830 PSED-E C WH CU5
Full product name	DN471B LED20S/830 PSED-E C WH CU5
Full product code	871869624711200
Order code	24711200
Material Nr. (12NC)	910500456299
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696247112
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696247112

## Dimensional drawing



