



# GreenSpace

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

GreenSpace Compact UGR19 - LED Module, system flux 2000 lm - 830 warm white - Power supply unit with DALI interface external, DC compatible for central emergency lighting - White

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		Emergency lighting	No [-]
Number of light sources	1 [ 1 pc]	Control interface	DALI
Lamp family code	LED20S [ LED Module, system flux 2000 lm]	Connection	Push-in connector and pull relief
Beam angle of light source	120 °	Cable	-
Light source colour	830 warm white	Protection class IEC	Safety class II
Cap base	- [-]	Glow-wire test	Temperature 850 °C, duration 5 s
Light source replaceable	No	Flammability mark	F [ For mounting on normally flammable surfaces]
Number of gear units	1 unit	CE mark	CE mark
Gear	-	ENEC mark	ENEC mark
Driver/power unit/transformer	PSED-E [ Power supply unit with DALI interface external, DC compatible for central emergency lighting]	Warranty period	5 years
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
Optic type	C [ High-gloss mirror]		
Luminaire light beam spread	64°		

	between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB	24
RoHS mark	RoHS mark
Product Family Code	DN471B [ GreenSpace Compact UGR19]
Unified glare rating CEN	19

## Light Technical

Optical cover/lens type accessory	No [ -]
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## Operating and Electrical

Electrical accessories	No [ -]
Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Inrush current	16 A
Inrush time	0.22 ms
Power factor (min.)	0.9

## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Housing material	Aluminium
Reflector material	Polycarbonate aluminium coated
Optic material	Polycarbonate
Optical cover/lens material	-
Fixation material	-
Optical cover/lens finish	-
Overall height	95 mm
Overall diameter	216 mm
Colour	White

## Approval and Application

Ingress protection code	IP20 [ Finger-protected]
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Mech. impact protection code	IK02 [ 0.2 J standard]
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## Initial Performance (IEC Compliant)

Initial luminous flux	2150 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	115.59 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	80
Initial chromaticity	(0.44, 0.40) SDCM <5
Initial input power	18.6 W
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* 50000 h	L80

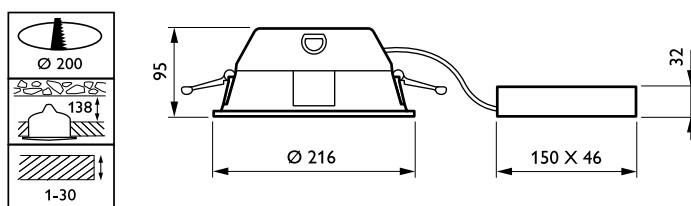
## Application Conditions

Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%

## Product Data

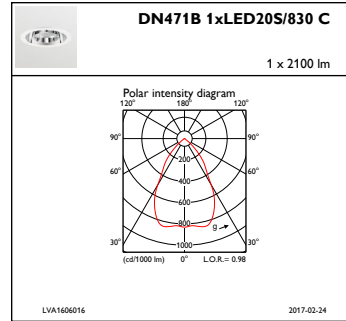
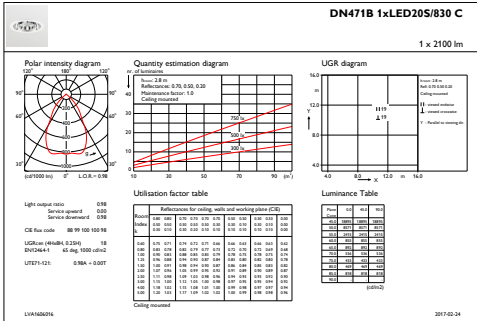
Full product code	871869624351000
Order product name	DN471B LED20S/830 PSED-VLC-E C WH
EAN/UPC – product	8718696243510
Order code	24351000
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910500454980
Net weight (piece)	1.043 kg

## Dimensional drawing



GreenSpace gen2 DN460B-DN473B

Photometric data



IFGU1\_DN471B1xLED20S830C

IFPC1\_DN471B1xLED20S830C

