



# GreenSpace

## DN471B LED20S/840 PSED-VLC-E C ELP3 WH

GreenSpace Compact UGR19 - LED Module, system flux 2000 lm - 840 neutral white - Power supply unit with DALI interface, DC-compatible, external - Emergency lighting 3 hours duration - 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		Emergency lighting	
Number of light sources	1 pc	Emergency lighting	Emergency lighting 3 hours duration
Lamp family code	LED20S [ LED Module, system flux 2000 lm]	Control interface	DALI
Beam angle of light source	120 °	Connection	Connection unit 5-pole
Light source color	840 neutral white	Cable	-
Cap-Base	- [ -]	Protection class IEC	Safety class II
Light source replaceable	No	Glow-wire test	Temperature 850 °C, duration 5 s
Number of gear units	1 unit	Flammability mark	For mounting on normally flammable surfaces
Gear	-	CE mark	CE mark
Driver/power unit/transformer	Power supply unit with DALI interface, DC-compatible, external	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	5 years
Optic type	High-gloss mirror	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there
Luminaire light beam spread	64°		

	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.
Constant light output	No
Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark
Product family code	DN471B [ GreenSpace Compact UGR19]
Unified glare rating CEN	19

## Light Technical

Optical cover/lens type accessory	-
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## Operating and Electrical

Electrical accessories	Connection unit
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	Aluminum
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover/lens material	-
Fixation material	-
Optical cover/lens finish	-
Overall height	95 mm
Overall diameter	216 mm
Color	White RAL 9003

## 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 (system flux)	2200 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	118.28 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	80
Initial chromaticity	(0.38, 0.38) 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

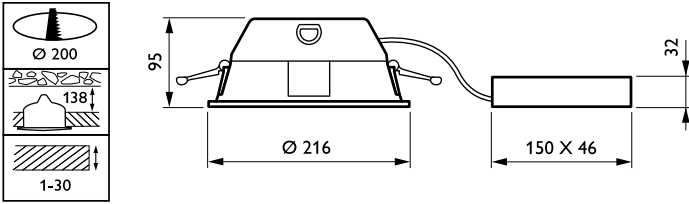
## Application Conditions

Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

## Product Data

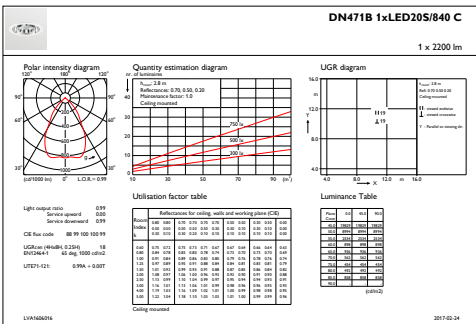
Full product code	871869624714300
Order product name	DN471B LED20S/840 PSED-VLC-E C ELP3 WH
EAN/UPC - Product	8718696247143
Order code	910500456303
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910500456303
Net Weight (Piece)	2.198 kg

Dimensional drawing

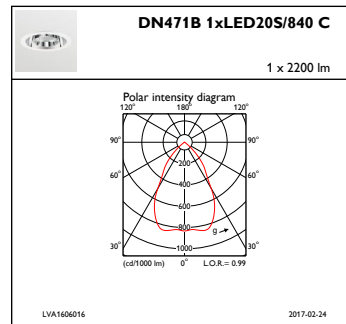


GreenSpace gen2 DN460B-DN473B

Photometric data



IFGU1\_DN471B1xLED20S840C



IFPC1\_DN471B1xLED20S840C

