



GreenSpace

DN471B LED20S/830 PSE-E C WH

GreenSpace Compact UGR19 - LED Module, system flux 2000 lm - 830 warm white - Power supply unit DC-compatible, external - 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			
Number of light sources	1 pc	Cable	-
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Protection class IEC	Safety class II
Beam angle of light source	120 °	Glow-wire test	Temperature 850 °C, duration 5 s
Light source color	830 warm white	Flammability mark	For mounting on normally flammable surfaces
Cap-Base	- [-]	CE mark	CE mark
Light source replaceable	No	ENEC mark	ENEC mark
Number of gear units	1 unit	Warranty period	5 years
Gear	-	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.
Driver/power unit/transformer	Power supply unit DC-compatible, external		
Driver included	Yes		
Optic type	High-gloss mirror		
Luminaire light beam spread	64°		
Emergency lighting	-		
Connection	Push-in connector and pull relief		

Constant light output	No
Number of products on MCB of 16 A type B	30
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	-
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	14 A
Inrush time	0.24 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	No
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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

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	2150 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	115.59 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color 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

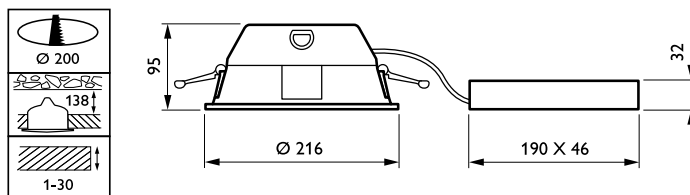
Application Conditions

Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

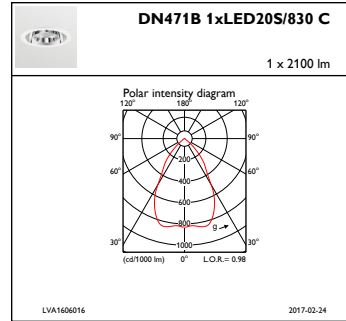
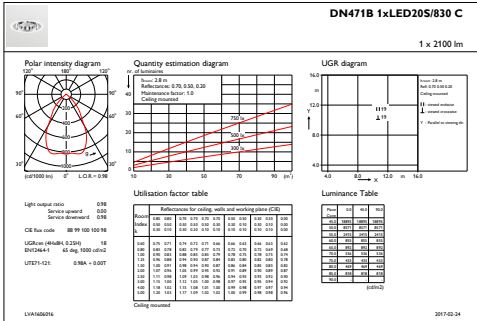
Full product code	871869624347300
Order product name	DN471B LED20S/830 PSE-E C WH
EAN/UPC - Product	8718696243473
Order code	910500454976
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910500454976
Net Weight (Piece)	1.043 kg

Dimensional drawing



GreenSpace gen2 DN460B-DN473B

Photometric data



IFGU1_DN471B1xLED20S830C

IFPC1_DN471B1xLED20S830C

