

GreenSpace

DN470B LED20S/830 PSED-E C WH PGO

GreenSpace Compact UGR22 - LED Module, system flux 2000 lm - 830 warm white - Power supply unit with DALI interface external, DC compatible for central emergency lighting - Wire-protected, splash-proof - 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
Lamp family code	LED20S [LED Module, system flux 2000 lm]
Beam angle of light source	120 °
Light source color	830 warm white
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver/power unit/transformer	Power supply unit with DALI interface external, DC compatible for central emergency lighting
Driver included	Yes
Optic type	High-gloss mirror

Luminaire light beam spread	88°
Emergency lighting	-
Control interface	DALI
Connection	Push-in connector and pull relief
Cable	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 850 °C, duration 5 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
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.
Constant light output	No
Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark
Product family code	DN470B [GreenSpace Compact UGR22]
Unified glare rating CEN	25

Light Technical

Optical cover/lens type accessory	Protection glass opal

Operating and Electrical

Electrical accessories	-
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

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	-
Optical cover/lens finish	Frosted
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]

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	(0.43, 0.40) SDCM<3.5
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

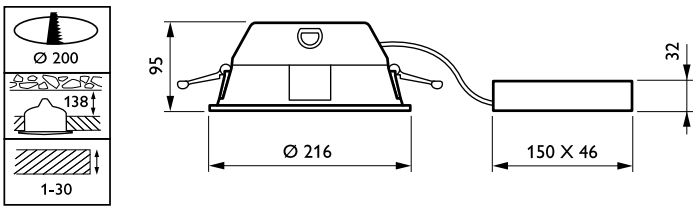
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871869624681800
Order product name	DN470B LED20S/830 PSED-E C WH PGO
EAN/UPC - Product	8718696246818
Order code	910500456269
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910500456269
Net Weight (Piece)	1.140 kg

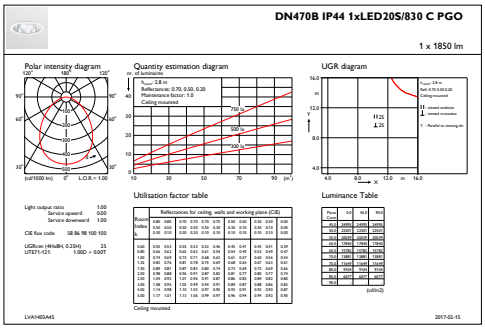
GreenSpace

Dimensional drawing



GreenSpace gen2 DN460B-DN473B

Photometric data



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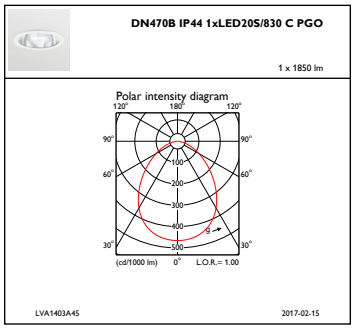

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