



GreenSpace

DN470B LED20S/840 PSED-E C WH PGO

GreenSpace Compact UGR22 - LED Module, system flux 2000 lm - 840 neutral white - Power supply unit with DALI interface, DC-compatible, external - Wire-protected, splash-proof - 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	-
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Control interface	DALI
Beam angle of light source	120 °	Connection	Push-in connector and pull relief
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 is no relevant difference in lumen
Luminaire light beam spread	88°		

	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
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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
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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
Color	White RAL 9003

Approval and Application

Ingress protection code	IP44 [Wire-protected, splash-proof]
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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

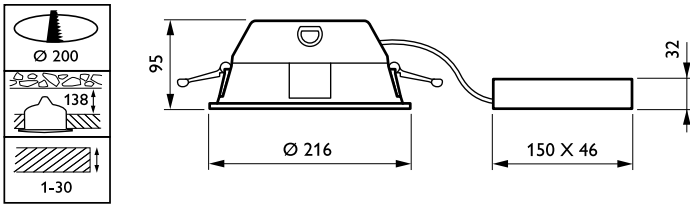
Application Conditions

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

Product Data

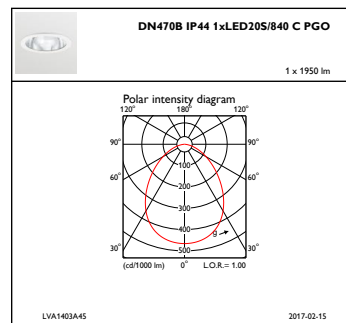
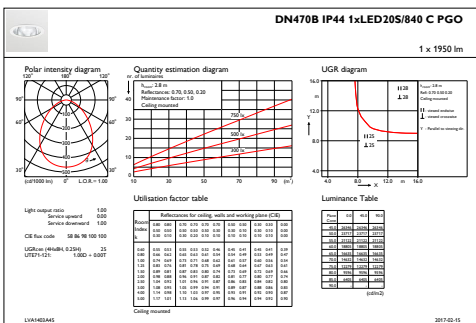
Full product code	871869624682500
Order product name	DN470B LED20S/840 PSED-E C WH PGO
EAN/UPC - Product	8718696246825
Order code	910500456270
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910500456270
Net Weight (Piece)	1.140 kg

Dimensional drawing



GreenSpace gen2 DN460B-DN473B

Photometric data



IFGU1_DN470BIP441xLED20S840CPGO

IFPC1_DN470BIP441xLED20S840CPGO

