



GreenSpace

DN470B LED20S/840 PSED-VLC-E C WH

GreenSpace Compact UGR22 - LED Module, system flux 2000 lm - 840 neutral 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			
Number of light sources	1 [1 pc]	Emergency lighting	No [-]
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 colour	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	F [For mounting on normally flammable surfaces]
Gear	-	CE mark	CE mark
Driver/power unit/transformer	PSED-E [Power supply unit with DALI interface external, DC compatible for central emergency lighting]	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	5 years
Optic type	C [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 maintenance
Luminaire light beam spread	88°		

	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	DN470B [GreenSpace Compact UGR22]
Unified glare rating CEN	22

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	2200 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	118.28 lm/W
Init. Corr. colour temperature	4000 K
Init. colour 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

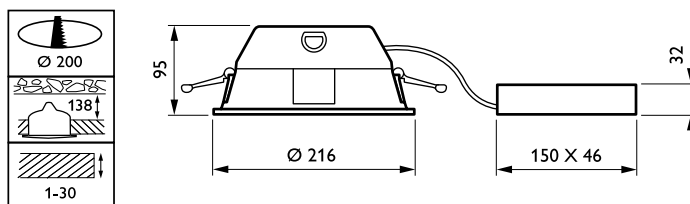
Application Conditions

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

Product Data

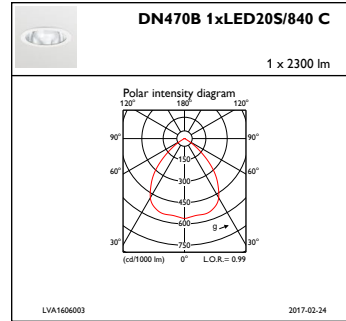
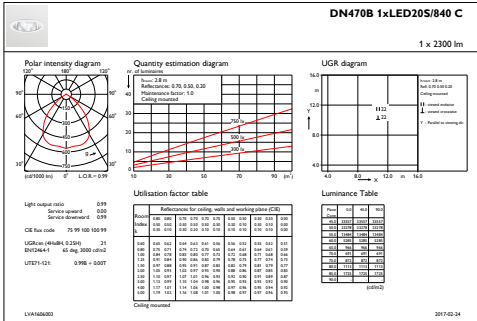
Full product code	871869624342800
Order product name	DN470B LED20S/840 PSED-VLC-E C WH
EAN/UPC – product	8718696243428
Order code	24342800
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910500454971
Net weight (piece)	1.025 kg

Dimensional drawing



GreenSpace gen2 DN460B-DN473B

Photometric data



IFGU1_DN470B1xLED20S840C

IFPC1_DN470B1xLED20S840C

