



GreenSpace

DN470B LED30S/840 PSED-VLC-E C WH

GreenSpace Compact UGR22 - LED Module, system flux 3000 lm - 840 neutral white - Power supply unit with DALI interface external, DC compatible for central emergency lighting - High-gloss mirror - - - Push-in connector and pull relief - Finger-protected - 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]	Driver included	Yes
Lamp family code	LED30S [LED Module, system flux 3000 lm]	Optic type	C [High-gloss mirror]
Beam angle of light source	120 °	Luminaire light beam spread	88°
Light source colour	840 neutral white	Emergency lighting	No [-]
Cap base	- [-]	Control interface	DALI
Light source replaceable	No	Connection	Push-in connector and pull relief
Number of gear units	1 unit	Cable	-
Gear	-	Protection class IEC	Safety class II
Driver/power unit/transformer	PSED-E [Power supply unit with DALI interface external, DC compatible for central emergency lighting]	Glow-wire test	Temperature 850 °C, duration 5 s
		Flammability mark	F [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	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	5.3 A
Inrush time	0.7 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
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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	3300 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	117.02 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	80
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	28.2 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

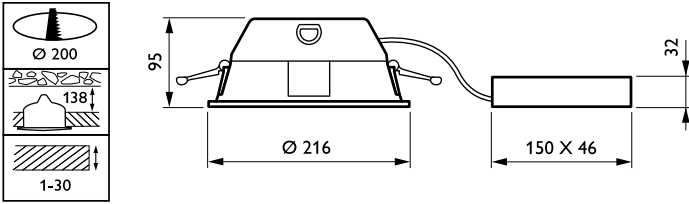
Application Conditions

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

Product Data

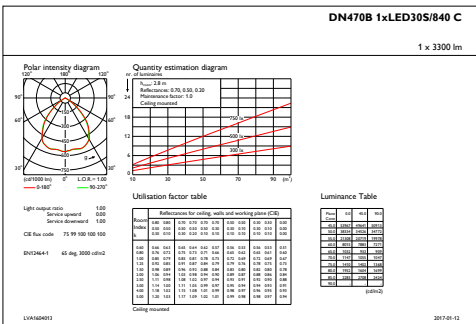
Full product code	871869916780600
Order product name	DN470B LED30S/840 PSED-VLC-E C WH
EAN/UPC – product	8718699167806
Order code	16780600
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910500459485
Net weight (piece)	1.025 kg

Dimensional drawing

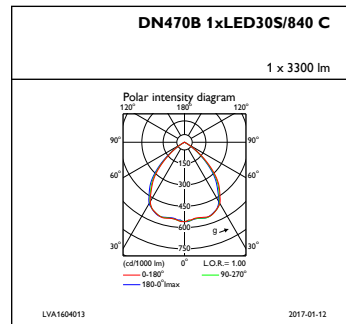


GreenSpace gen2 DN460B-DN473B

Photometric data



IFGU1_DN470B1xLED30S840C



IFPC1_DN470B1xLED30S840C

