



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, DC-compatible, external - 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		Control interface	DALI
Number of light sources	1 pc	Connection	Push-in connector and pull relief
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Cable	-
Beam angle of light source	120 °	Protection class IEC	Safety class II
Light source color	840 neutral white	Glow-wire test	Temperature 850 °C, duration 5 s
Cap-Base	- [-]	Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	No	CE mark	CE mark
Number of gear units	1 unit	ENEC mark	ENEC mark
Gear	-	Warranty period	5 years
Driver/power unit/transformer	Power supply unit with DALI interface, DC-compatible, external	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
Driver included	Yes		
Optic type	High-gloss mirror		
Luminaire light beam spread	88°		
Emergency lighting	-		

	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	22

Light Technical

Optical cover/lens type accessory	-
-----------------------------------	---

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	-
Fixation material	-
Optical cover/lens finish	-
Overall height	95 mm
Overall diameter	216 mm
Color	White RAL 9003

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)	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

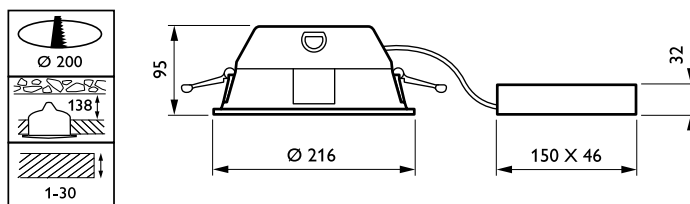
Application Conditions

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

Product Data

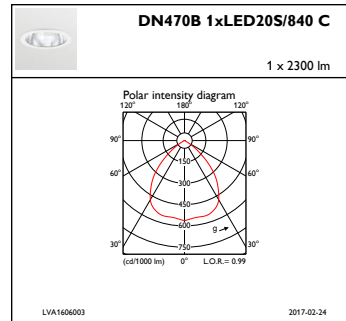
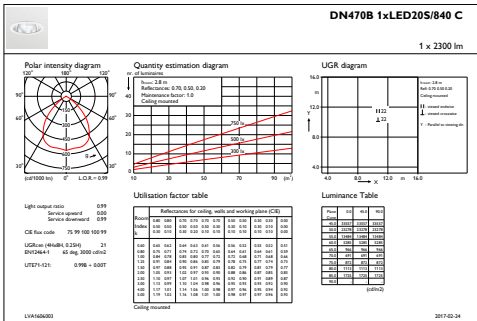
Full product code	871869624342800
Order product name	DN470B LED20S/840 PSED-VLC-E C WH
EAN/UPC - Product	8718696243428
Order code	910500454971
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910500454971
Net Weight (Piece)	1.025 kg

Dimensional drawing



GreenSpace gen2 DN460B-DN473B

Photometric data



IFGU1_DN470B1xLED20S840C

IFPC1_DN470B1xLED20S840C

