



GreenSpace

DN470B LED20S/830 PSE-E C WH

GreenSpace Compact UGR22 - LED Module, system flux 2000 lm - 830 warm white - Power supply unit 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]	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 colour	830 warm white	Glow-wire test	Temperature 850 °C, duration 5 s
Cap base	- [-]	Flammability mark	F [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	PSE-E [Power supply unit external, DC compatible for central emergency lighting]	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
Driver included	Yes		
Optic type	C [High-gloss mirror]		
Luminaire light beam spread	88°		
Emergency lighting	No [-]		

	the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB	30
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
Inrush current	14 A
Inrush time	0.24 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	No
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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	2150 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	115.59 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	80
Initial chromaticity	(0.44, 0.40) 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

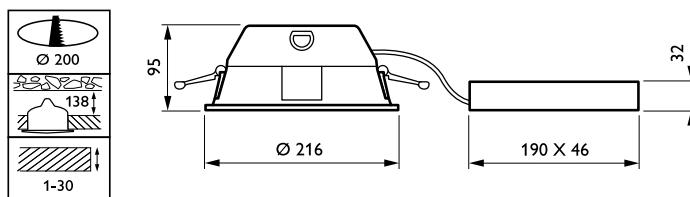
Application Conditions

Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C

Product Data

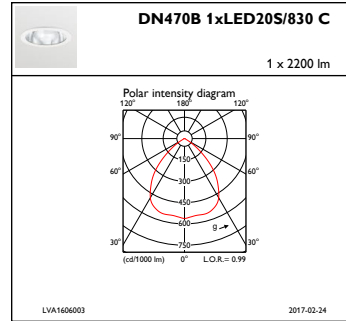
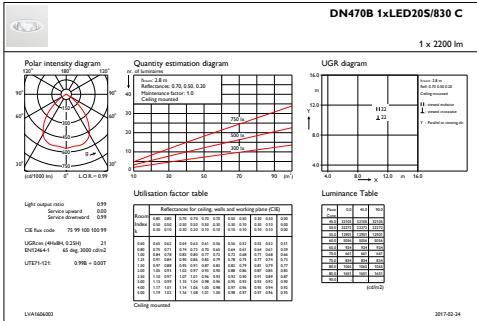
Full product code	871869624335000
Order product name	DN470B LED20S/830 PSE-E C WH
EAN/UPC – product	8718696243350
Order code	24335000
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910500454964
Net weight (piece)	1.025 kg

Dimensional drawing



GreenSpace gen2 DN460B-DN473B

Photometric data



IFGU1_DN470B1xLED20S830C

IFPC1_DN470B1xLED20S830C

