



# GreenSpace

## DN470B LED20S/840 PSE-E C ELP3 WH

GreenSpace Compact UGR22 - LED Module, system flux 2000 lm - 840 neutral white - Power supply unit external, DC compatible for central emergency lighting - Emergency lighting 3 hours duration - 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 [ 1 pc]	Emergency lighting	EL3 [ Emergency lighting 3 hours duration]
Lamp family code	LED20S [ LED Module, system flux 2000 lm]	Connection	Push-in connector and pull relief
Beam angle of light source	120 °	Cable	-
Light source colour	840 neutral white	Protection class IEC	Safety class II
Cap base	- [ -]	Glow-wire test	Temperature 850 °C, duration 5 s
Light source replaceable	No	Flammability mark	F [ For mounting on normally flammable surfaces]
Number of gear units	1 unit	CE mark	CE mark
Gear	-	ENEC mark	ENEC mark
Driver/power unit/transformer	PSE-E [ Power supply unit external, DC compatible for central emergency lighting]	Warranty period	5 years
Driver included	Yes	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance
Optic type	C [ High-gloss mirror]		
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	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 RAL 9003

## 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

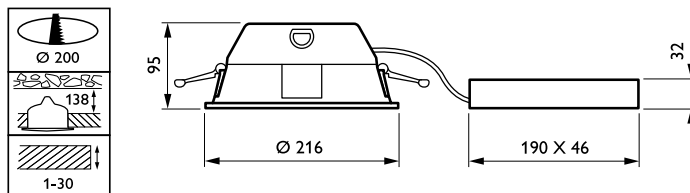
## Application Conditions

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

## Product Data

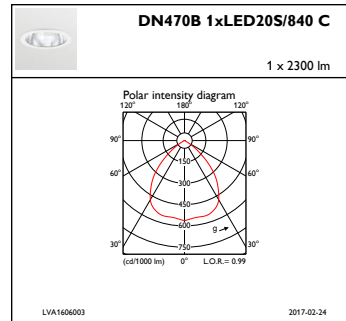
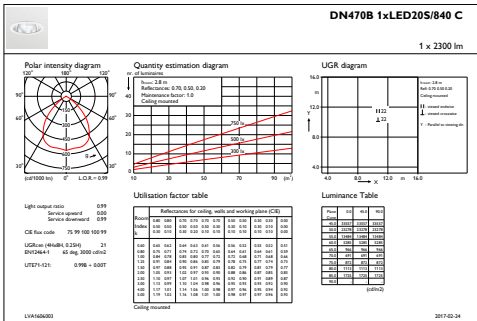
Full product code	871869624338100
Order product name	DN470B LED20S/840 PSE-E C ELP3 WH
EAN/UPC – product	8718696243381
Order code	24338100
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910500454967
Net weight (piece)	2.125 kg

## Dimensional drawing



GreenSpace gen2 DN460B-DN473B

Photometric data



IFGU1\_DN470B1xLED20S840C

IFPC1\_DN470B1xLED20S840C

