



GreenSpace

DN470B LED30S/830 PSU-E C WH P

GreenSpace, 20.9 W, D200 mm, 2900 lm, 3000 K, High-gloss reflector, IP20

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 colour performance and high colour rendering. The product's long lifetime makes it a true 'fit and forget' solution.

Product data

General Information	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Service Tag	Yes
Lighting Technology	LED
Mounting	Recessed
Value ladder	Specification
Serviceability class	Class B, the luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge-protection device, front cover and mechanical parts
Warranty period	5 years
Sustainability rating	Unclassified

Light Technical	
Luminous Flux	2,900 lm
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	137 lm/W
Colour rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source colour	830 warm white
Optic type	-
Luminaire light beam spread	120°
Unified Glare Rating (CEN)	22

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W W
Average CLO power consumption	- W W

Inrush current	14.5 A
Inrush time	0.150 ms
Power Consumption	20.9 W
Power Factor (Fraction)	0.9
Connection	-
Cable	-
Number of products on MCB (16 A type B)	54
Suitable for random switching	Yes
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

Mechanical and Housing

Housing material	Polycarbonate
Reflector material	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	-
Fixation material	-
Housing Colour	White
Optical cover/lens finish	-
Reflector finish	High-gloss reflector
Overall height	94 mm
Overall diameter	216 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	0.700 kg

Emergency Operation

Additional max. power consumption when emergency battery is charging	0 W
Central Emergency	No

Approval and Application

Glow-wire test	Temperature 750 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	-
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	+10 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM<3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

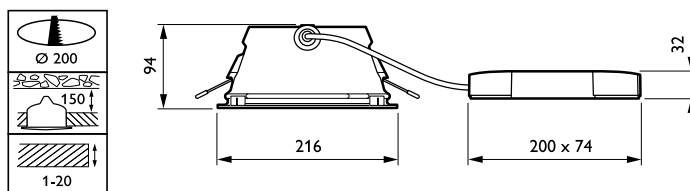
Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	1 %
Control gear failure rate at median useful life 50,000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	-

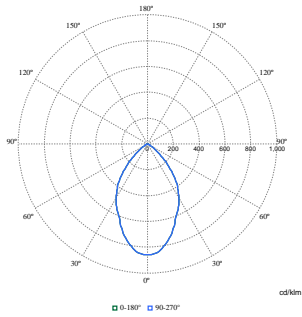
Product Data

Order product name	DN470B LED30S/830 PSU-E C WH P
Full product name	DN470B LED30S/830 PSU-E C WH P
Full EOC	871869994575600
Order code	912500101305
Material no. (12 NC)	912500101305
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699945756
Numerator – packs per outer box	1
EAN/UPC - Case	8718699945756
Product family code	DN470B [200mm]

Dimensional drawing



Photometric data



Polar Normal (separate) - DN460BN - 912500101305

