



GreenSpace

DN470B LED30S/830 PSU-E C WH P

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

downlight, D200 mm, Polycarbonate, White, Signal white (RAL9003), Recessed, Power supply unit external (On/Off), 2900 lm, 20.9 W, 137 lm/W, 3000 K, (0.43, 0.40) SDCM<3, High-gloss reflector, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class II

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Lighting Technology	LED
Mounting	Recessed
Value ladder	Specification
Warranty period	5 years
Light Technical	
Luminous Flux	2,900 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	137 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source color	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 of 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	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	-
Fixation material	-
Housing Color	White
Optical cover 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]
Mounting	Recessed
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

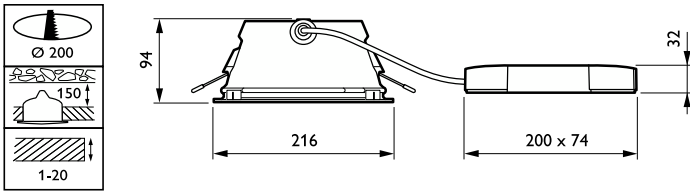
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	1 %

Control gear failure rate at median useful life 50000 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	-

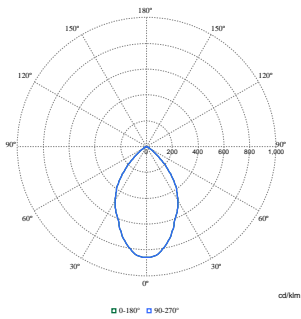
Sustainability Data	
Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Embedded carbon (A1-A3)	10.9 kg CO ₂ e
Product non-virgin material ratio	13.1 %
Recyclable content ratio of the finished product	47 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kwh)
GWP total B6 (kg CO ₂ eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled Plastic >35% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80% Plastic recycling rate > 40%
Packaging Material	Cardboard Plastic

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 product code	871869994575600
Order code	94575600
Material Nr. (12NC)	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

