



# GreenSpace

## DN470B LED30S/830 DIA-VLC-E C ELP3 WH P

GreenSpace, downlight, 20.9 W, D200 mm, 2900 lm, 3000 K, DALI, Interact Ready, High-gloss reflector, IP20, ELP3h

downlight, D200 mm, Polycarbonate, White, Signal white (RAL9003), Recessed, Dali dimming Interact System ready visual light communication enabled external, 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, Emergency lighting 3 hours duration Pro version

### Product data

General Information	
Lamp family code	30S [LED Module, system flux 3000 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Lighting Technology	LED
Mounting	Recessed
Value ladder	Specification
Warranty period	5 years
Light Technical	
Upward light output ratio	0
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°
Optic type outdoor	-
Unified glare rating CEN	22
Effective projected area	0 m²
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	20.4 A
Inrush time	0.195 ms
Power Consumption	20.9 W
Power Factor (Fraction)	0.9

Connection	-
Cable	-
Number of products on MCB of 16 A type B	24
Suitable for random switching	Yes
Protection class IEC	Safety class II
Surge Protection (Common/Differential)	-
Total harmonic distortion	20 %

### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Dali dimming Interact System ready visual light communication enabled external
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™ with extended data: Parts 251/252/253
Maximum dim level	1%
Connectivity	Interact Ready

### Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	-
Fixation material	-
Housing Color	White
Mounting device	-
Optical cover shape	-
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]
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Mounting	Recessed
Optical cover type	-
Net Weight (Piece)	1.000 kg

### Emergency Operation

Emergency flux	398 lm
Rated duration of the emergency lighting (when fully charged)	3 hour(s)
Additional max. power consumption when emergency battery is charging	4.5 W
Central Emergency	No
Emergency lighting	Emergency lighting 3 hours duration Pro version
Emergency function testing method	Automatic pre-programmed self testing

Emergency lighting operation mode	Maintained
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### Approval and Application

Glow-wire test	Temperature 750 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0 m
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%
Init. Color Rendering Index Tolerance	0
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

### Over Time Performance (IEC Compliant)

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

### Sustainability Data

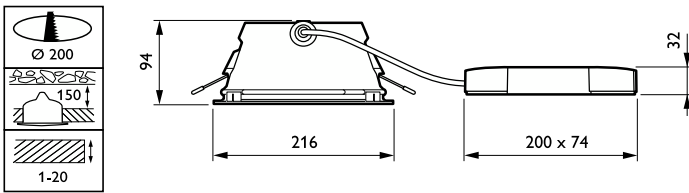
Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Embedded carbon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

## Product Data

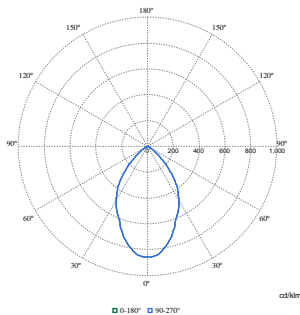
Order product name	DN470B LED30S/830 DIA-VLC-E C ELP3 WH P
Full product name	DN470B LED30S/830 DIA-VLC-E C ELP3 WH P
Full product code	871869998318500
Order code	98318500
Material Nr. (12NC)	910505102098

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699983185
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699983185
Product family code	DN470B [200mm]

## Dimensional drawing



## Photometric data



Polar Normal (separate) - DN460BN - 910505102098

