



GreenSpace

DN470B LED30S/840 DIA-VLC-E C ELP3 WH P

GreenSpace, downlight, 20.9 W, D200 mm, 2900 lm, 4000 K, DALI, Interact Ready, High-gloss reflector, IP20, ELP3h

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	
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)	4000 K
Luminous Efficacy (rated) (Nom)	141 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source color	840 neutral 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	-
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

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	(0.38, 0.38) 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

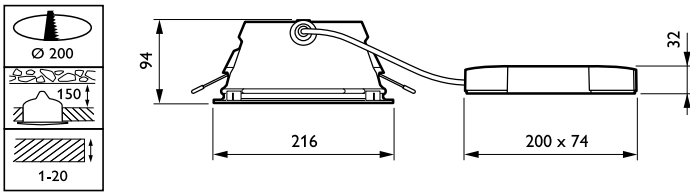
Sustainability Data

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 _{2e}
Product non-virgin material ratio	13.1 %
Recyclable content ratio of the finished product	47 %
GWP total B6 (kg CO _{2eq}) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO _{2eq} / kWh)
GWP total B6 (kg CO _{2eq}) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm)

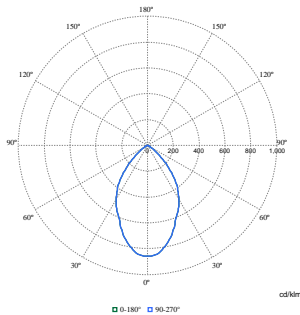
	Declared Unit * 35000 (hrs) * Energy mix (kg CO2 eq / kwh)
Product Data	
Order product name	DN470B LED30S/840 DIA-VLC-E C ELP3 WH P
Full product name	DN470B LED30S/840 DIA-VLC-E C ELP3 WH P
Full product code	871869998320800

Order code	98320800
Material Nr. (12NC)	910505102101
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699983208
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699983208
Product family code	DN470B [200mm]

Dimensional drawing



Photometric data



Polar Normal (separate) - DN460BN - 910505102101

