



# GreenSpace

## DN470B LED30S/830 PSD-VLC-E C WH P

GreenSpace, 23 W, 2900 lm, 3000 K, DALI

GreenSpace is a perfect solution where customers want to strike the ideal balance between their initial investment and the cost of the installation during its lifetime while they are covering multiple applications. GreenSpace features the latest LED technology which enables extremely low power consumption. With its perfect fit you'll get the LED downlight that always fits and looks perfect at the same time. This perfect fit is available for cut out sizes from 150 to 280 mm. GreenSpace is designed for Circular Economy with optimized performance, extended lifetime through upgradability and integration options, ease of customization, recycling and disassembly. Housing and rim are made from production waste of polycarbonate sheets that are retrieved from swimming pools, car ports and illuminated advertising. And 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	1 unit
Driver included	Yes
Service tag	Yes
Product family code	DN470B [200mm]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 750 °C, duration 5 s

EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,900 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	126 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source color	830 warm white
Optic type	High-gloss mirror
Luminaire light beam spread	120°
Unified glare rating CEN	22

## Operating and Electrical

<b>Input Voltage</b>	220-240 V
<b>Line Frequency</b>	50 to 60 Hz
<b>Initial CLO power consumption</b>	- W W
<b>Average CLO power consumption</b>	- W W
<b>Inrush current</b>	20.4 A
<b>Inrush time</b>	0.195 ms
<b>Power Consumption</b>	23 W
<b>Power Factor (Fraction)</b>	0.9
<b>Connection</b>	Feed-through connector 5-pole
<b>Cable</b>	-
<b>Number of products on MCB of 16 A type B</b>	24

## Temperature

Ambient temperature range	+10 to +40 °C
---------------------------	---------------

## Controls and Dimming

<b>Dimmable</b>	Yes
<b>Driver/power unit/transformer</b>	Power supply unit DC compatible, external
<b>Control interface</b>	DALI
<b>Constant light output</b>	No

## Mechanical and Housing

<b>Housing Material</b>	Polycarbonate
<b>Reflector material</b>	Polycarbonate aluminum coated
<b>Optic material</b>	Polycarbonate
<b>Optical cover material</b>	-
<b>Fixation material</b>	-
<b>Housing Color</b>	White RAL 9003
<b>Optical cover finish</b>	-
<b>Overall height</b>	94 mm
<b>Overall diameter</b>	216 mm

## Approval and Application

Ingress protection code	IP20 [Finger-protected]
-------------------------	-------------------------

Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM<3
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L90
Lumen maintenance at median useful life* 100000 h	L80

## Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

## Product Data

Order product name	DN470B LED30S/830 PSD-VLC-E C WH P
Full product name	DN470B LED30S/830 PSD-VLC-E C WH P
Full product code	871869994579400
Order code	912500101310
Material Nr. (12NC)	912500101310
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699945794
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699945794

## Dimensional drawing



