

# GreenSpace

## DN470B LED20S/830 PSU-E C WH P

200mm - LED Module, system flux 2000 lm - 830 warm white - Power supply unit DC compatible, external - High-gloss mirror - Feed-through connector 3-pole - Finger-protected - White RAL 9003

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 | |
|---|---|
| **Number of light sources** | 1 pc |
| **Lamp family code** | LED20S [ LED Module, system flux 2000 lm] |
| **Beam angle of light source** | - ° |
| **Light source color** | 830 warm white |
| **Cap-Base** | - [ -] |
| **Light source replaceable** | No |
| **Number of gear units** | 1 unit |
| **Gear** | - |
| **Driver/power unit/transformer** | Power supply unit DC compatible, external |
| **Driver included** | Yes |
| **Optic type** | High-gloss mirror |
| **Luminaire light beam spread** | 120° |
| **Control interface** | - |

| | |
|---|---|
| **Connection** | Feed-through connector 3-pole |
| **Cable** | - |
| **Protection class IEC** | Safety class II |
| **Glow-wire test** | Temperature 750 °C, duration 5 s |
| **Flammability mark** | - |
| **CE mark** | CE mark |
| **ENEC mark** | ENEC mark |
| **Warranty period** | 5 years |
| **Remarks** | *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example |

| | |
|---|---|
| | B10. Therefore the median useful life (B50) value also represents the B10 value. |
| **Constant light output** | No |
| **Number of products on MCB of 16 A type B** | 36 |
| **EU RoHS compliant** | Yes |
| **Service tag** | Yes |
| **Product family code** | DN470B [ 200mm] |
| **Unified glare rating CEN** | 22 |

## Light Technical

| | |
|---|---|
| **Optical cover/lens type accessory** | - |

## Operating and Electrical

| | |
|---|---|
| **Input Voltage** | 220-240 V |
| **Input Frequency** | 50 to 60 Hz |
| **Initial CLO power consumption** | - W W |
| **Average CLO power consumption** | - W W |
| **Inrush current** | 15.8 A |
| **Inrush time** | 0.224 ms |
| **Power Factor (Min)** | 0.9 |

## Controls and Dimming

| | |
|---|---|
| **Dimmable** | No |

## Mechanical and Housing

| | |
|---|---|
| **Housing Material** | Polycarbonate |
| **Reflector material** | Polycarbonate aluminum coated |
| **Optic material** | Polycarbonate |
| **Optical cover/lens material** | - |
| **Fixation material** | - |
| **Optical cover/lens finish** | - |
| **Overall height** | 94 mm |
| **Overall diameter** | 216 mm |
| **Color** | White RAL 9003 |
| **Dimensions (Height x Width x Depth)** | 94 x NaN x NaN mm (3.7 x NaN x NaN in) |

## Approval and Application

| | |
|---|---|
| **Ingress protection code** | IP20 [ Finger-protected] |
| **Mech. impact protection code** | IK02 [ 0.2 J standard] |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| **Initial luminous flux (system flux)** | 2100 lm |
| **Luminous flux tolerance** | +/-10% |
| **Initial LED luminaire efficacy** | 126 lm/W |
| **Init. Corr. Color Temperature** | 3000 K |
| **Init. Color Rendering Index** | >80 |
| **Initial chromaticity** | (0.43, 0.40) SDCM<3.5 |
| **Initial input power** | 16.8 W |
| **Power consumption tolerance** | +/-10% |

## Over Time Performance (IEC Compliant)

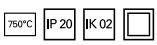
| | |
|---|---|
| **Control gear failure rate at median useful life 50000 h** | 5 % |
| **Lumen maintenance at median useful life* 50000 h** | L80 |

## Application Conditions

| | |
|---|---|
| **Ambient temperature range** | +10 to +40 °C |
| **Performance ambient temperature Tq** | 25 °C |
| **Maximum dim level** | Not applicable |
| **Suitable for random switching** | Yes |

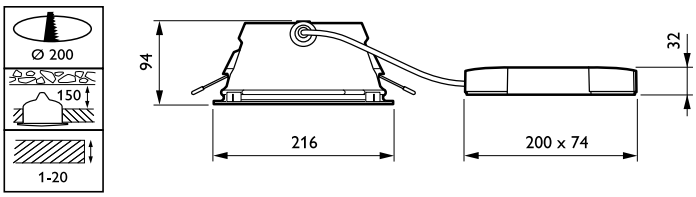
## Product Data

| | |
|---|---|
| **Full product code** | 871869979327200 |
| **Order product name** | DN470B LED20S/830 PSU-E C WH P |
| **EAN/UPC - Product** | 8718699793272 |
| **Order code** | 912500100522 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 1 |
| **Material Nr. (12NC)** | 912500100522 |
| **Net Weight (Piece)** | 0.825 kg |



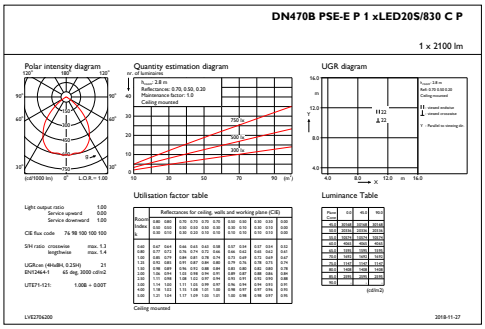
# GreenSpace

## Dimensional drawing

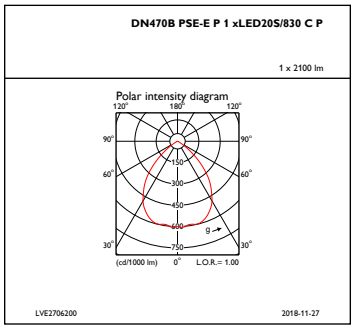



GreenSpace gen2 DN460B-DN473B

## Photometric data




IFGU1_DN470BPSE-EP1xLED20S830CP




IFPC1_DN470BPSE-EP1xLED20S830CP

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