



GreenSpace

DN470B LED20S/840 PSU-E C WH P

DN470B | 200mm - LED20S | LED Module, system flux 2000 lm
 - 840 neutral white - Power supply unit DC compatible, external
 - High-gloss mirror - Feed-through connector 3-pole - IP20 |
 Finger-protected

GreenSpace is the perfect LED downlight solution for customers who want to strike the ideal balance between their initial investment and the cost of the installation over lifetime, while also covering multiple applications. GreenSpace features the latest LED technology, which results in extremely low power consumption. And with its perfect fit promise for cut out sizes from 150 to 280 mm, you always get that LED downlight that fits and looks exactly right. GreenSpace Downlight is designed for the circular economy with optimized performance and an extended lifetime through upgradability and integration options. Plus easy customization, recycling and disassembly. A LED downlight with a long lifetime that makes it a true 'fit and forget' solution.

Product data

| General Information | | |
|------------------------------------|--|---|
| Lamp family code | LED20S [LED Module, system flux 2000 lm] | maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. |
| Cap-Base | - [-] | |
| Light source replaceable | No | |
| Number of gear units | 1 unit | |
| Gear | - | |
| Driver included | Yes | |
| Remarks | *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen | |
| Service tag | Yes | |
| Product family code | DN470B [200mm] | |
| Lighting Technology | LED | |
| Value ladder | Specification | |
| Light Technical | | |
| Luminous Flux | 2,200 lumen | |
| Correlated Color Temperature (Nom) | 4000 K | |

| | |
|---------------------------------|-------------------|
| Luminous Efficacy (rated) (Nom) | 131 lm/W |
| Color rendering index (CRI) | >80 |
| Number of light sources | 1 |
| Beam angle of light source | - degree(s) |
| Light source color | 840 neutral white |
| Optic type | High-gloss mirror |
| Luminaire light beam spread | 120° |
| Unified glare rating CEN | 22 |

Operating and Electrical

| | |
|--|-------------------------------|
| Input Voltage | 220-240 V |
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Initial CLO power consumption | - W W |
| Average CLO power consumption | - W W |
| Power Consumption | 16.8 W |
| Inrush current | 15.8 A |
| Inrush time | 0.224 ms |
| Power Factor (Fraction) | 0.9 |
| Connection | Feed-through connector 3-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 36 |

Temperature

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

Controls and Dimming

| | |
|-------------------------------|---|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit DC compatible, external |
| Control interface | - |
| Constant light output | No |

Mechanical and Housing

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

Approval and Application

| | |
|------------------------------|----------------------------------|
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Sustainability rating | - |
| Protection class IEC | Safety class II |
| Glow-wire test | Temperature 750 °C, duration 5 s |
| Flammability mark | - |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| Warranty period | 5 years |
| EU RoHS compliant | Yes |

Initial Performance (IEC Compliant)

| | |
|-----------------------------|---------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.38, 0.38) 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 | Not applicable |
| Suitable for random switching | Yes |

Product Data

| | |
|---------------------------------|--------------------------------|
| Full product code | 871869979328900 |
| Order product name | DN470B LED20S/840 PSU-E C WH P |
| Order code | 912500100523 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material number (12NC) | 912500100523 |
| Full product name | DN470B LED20S/840 PSU-E C WH P |
| EAN/UPC - Case | 8718699793289 |



