



GreenSpace

DN470B LED20S/840 PSD-E C ELP3 WH

200mm, LED Module, system flux 2000 lm, 840 neutral white, Power supply unit with DALI interface, DC-compatible, external, Emergency lighting: three-hour duration, 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 colour performance and high colour rendering. The product's long lifetime makes it a true 'fit and forget' solution.

Product data

| General Information | |
|---|--|
| Lamp family code | LED20S [LED Module, system flux 2000 lm] |
| Cap base | - [-] |
| Light source replaceable | No |
| Number of gear units | Unit |
| Gear | - |
| Driver included | Yes |
| Remarks | *- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value. |
| Product family code | |
| DN470B [200mm] | |
| Lighting Technology | |
| LED | |
| Value ladder | |
| Specification | |
| CE mark | |
| Yes | |
| Warranty period | |
| 5 years | |
| Flammability mark | |
| For mounting on normally flammable surfaces | |
| ENEC mark | |
| ENEC mark | |
| Glow-wire test | |
| Temperature 850 °C, duration 5 s | |
| EU RoHS compliant | |
| Yes | |
| Light Technical | |
| Luminous Flux | 2,200 lm |
| Correlated Colour Temperature | 4000 K |
| Luminous efficacy (rated) (nom.) | 118.28 lm/W |

| | |
|------------------------------|-------------------|
| Colour rendering index (CRI) | 80 |
| Beam angle of light source | 120 degree(s) |
| Light source colour | 840 neutral white |
| Optic type | High-gloss mirror |
| Luminaire light beam spread | 88° |
| Unified Glare Rating (CEN) | 22 |

Operating and Electrical

| | |
|--|-----------------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 16 A |
| Inrush time | 0.22 ms |
| Power Consumption | 18.6 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector and pull relief |
| Cable | - |
| Number of products on MCB of 16 A type B | 24 |

Temperature

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

Controls and Dimming

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

Mechanical and Housing

| | |
|-----------------------------|-----------------------------|
| Housing material | Aluminium |
| Reflector material | Aluminium and polycarbonate |
| Optic material | Polycarbonate |
| Optical cover/lens material | - |
| Fixation material | - |
| Housing Colour | White RAL 9003 |
| Optical cover/lens finish | - |
| Overall height | 95 mm |

| | |
|------------------|--------|
| Overall diameter | 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 | (0.38, 0.38) SDCM<3 |
| Power consumption tolerance | +/-5% |

Over Time Performance (IEC Compliant)

| | |
|--|-----|
| Control gear failure rate at median useful life 50,000 h | 5 % |
| Lumen maintenance at median useful life* 50,000 h | L90 |
| Lumen maintenance at median useful life* 100,000 h | L80 |

Application Conditions

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

Product Data

| | |
|-----------------------------------|-----------------------------------|
| Order product name | DN470B LED20S/840 PSD-E C ELP3 WH |
| Full product name | DN470B LED20S/840 PSD-E C ELP3 WH |
| Full EOC | 871869624344200 |
| Order code | 24344200 |
| Material no. (12 NC) | 910500454973 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8718696243442 |
| Numerator – packs per outer box | 1 |
| EAN/UPC – Case | 8718696243442 |

Dimensional drawing



