



GreenSpace

DN472B LED20S/840 PSU-E C WH PCC P

GreenSpace, 15.2 W, D200 mm, 2000 lm, 4000 K, High-gloss reflector, Clear, IP54

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 | LED20S [LED Module, system flux 2000 lm] |
| 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 maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. |
| Service tag | Yes |
| Product family code | DN472B [200mm, IP54(PCO UGR27)] |
| Lighting Technology | LED |

| Value ladder | Specification |
|-------------------|----------------------------------|
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | - |
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 750 °C, duration 5 s |
| EU RoHS compliant | Yes |

| Light Technical | |
|------------------------------------|-------------------|
| Luminous Flux | 2,000 lm |
| 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 | - |
| Luminaire light beam spread | 120° |
| Unified glare rating CEN | 22 |

Operating and Electrical

| | |
|--|-------------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Initial CLO power consumption | - W W |
| Average CLO power consumption | - W W |
| Inrush current | 14 A |
| Inrush time | 0.130 ms |
| Power Consumption | 15.2 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Feed-through connector 3-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 65 |

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | -15 to +40 °C |
|---------------------------|---------------|

Controls and Dimming

| | |
|-------------------------------|-------------------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit external (On/Off) |
| Control interface | - |
| Constant light output | No |

Mechanical and Housing

| | |
|------------------------|-------------------------------|
| Housing Material | Polycarbonate |
| Reflector material | Polycarbonate aluminum coated |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | - |
| Housing Color | White |
| Optical cover finish | Clear |
| Reflector Finish | High-gloss reflector |
| Overall height | 94 mm |
| Overall diameter | 216 mm |

Approval and Application

| | |
|------------------------------|--|
| Ingress protection code | IP54 [Dust accumulation-protected, splash-proof] |
| Mech. impact protection code | IK06 [1 J] |
| Sustainability rating | Lighting for circularity |
| 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 | +/-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

| | |
|---------------------------------|------------------------------------|
| Order product name | DN472B LED20S/840 PSU-E C WH PCC P |
| Full product name | DN472B LED20S/840 PSU-E C WH PCC P |
| Full product code | 871869938471500 |
| Order code | 38471500 |
| Material Nr. (12NC) | 912500100071 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699384715 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718699384715 |

Dimensional drawing



