

# LuxSpace square, recessed

## DN572B LED12S/830 PSED-VLC-E C WH

LuxSpace2 Square, LED module, system flux 1200 lm, 830 warm white, Power supply unit with DALI interface, DC compatible, external, High-gloss mirror, White RAL 9003

Customers are looking to optimize all their resources, and that means not just their running costs (energy, etc.) but also their human resources. Energy savings are therefore a priority, but they must not have an adverse effect on the well-being of employees, who need a pleasant environment in order to be more productive, or on customers, who want to enjoy their shopping experience. LuxSpace provides the perfect combination of efficiency, light comfort and design, without compromising on lighting performance (color rendering and color uniformity). It offers a wide choice of options for creating the desired ambience, no matter the application.

### Product data

| General Information | |
|---|---|
| **Lamp family code** | LED12S [LED module, system flux 1200 lm] |
| **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 maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. |
| **Product family code** | DN572B [LuxSpace2 Square] |
| **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 |

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| | |
|---|---|
| **EU RoHS compliant** | No |

## Light Technical

| | |
|---|---|
| **Luminous Flux** | 1,200 lm |
| **Correlated Color Temperature (Nom)** | 3000 K |
| **Luminous Efficacy (rated) (Nom)** | 113 lm/W |
| **Color rendering index (CRI)** | >80 |
| **Number of light sources** | 1 |
| **Light source color** | 830 warm white |
| **Optic type** | High-gloss mirror |
| **Optical cover type** | - |
| **Luminaire light beam spread** | 80° |
| **Unified glare rating CEN** | 19 |

## Operating and Electrical

| | |
|---|---|
| **Input Voltage** | 220 to 240 V |
| **Line Frequency** | 50 to 60 Hz |
| **Inrush current** | 20.4 A |
| **Inrush time** | 0.195 ms |
| **Power Consumption** | 10.6 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 +25 °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** | Aluminum die cast |
| **Reflector material** | Polycarbonate aluminum coated |
| **Optic material** | Polycarbonate |
| **Optical cover material** | Glass |
| **Fixation material** | Steel |
| **Housing Color** | White RAL 9003 |
| **Optical cover finish** | Frosted |
| **Overall length** | 214 mm |
| **Overall width** | 214 mm |
| **Overall height** | 119 mm |
| **Dimensions (Height x Width x Depth)** | 119 x 214 x 214 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)

| | |
|---|---|
| **Control gear failure rate at median useful life 50000 h** | 5 % |
| **Lumen maintenance at median useful life* 50000 h** | L90 |

## Application Conditions

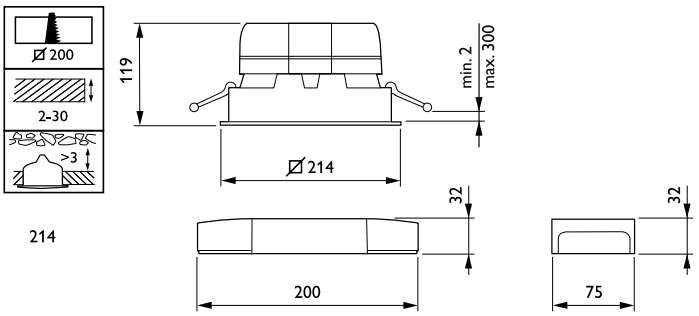
| | |
|---|---|
| **Performance ambient temperature Tq** | 25 °C |
| **Maximum dim level** | 1% |
| **Suitable for random switching** | Yes |

## Product Data

| | |
|---|---|
| **Order product name** | DN572B LED12S/830 PSED-VLC-E C WH |
| **Full product name** | DN572B LED12S/830 PSED-VLC-E C WH |
| **Full product code** | 871829194019700 |
| **Order code** | 94019700 |
| **Material Nr. (12NC)** | 910503706583 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8718291940197 |
| **Numerator - Packs per outer box** | 1 |
| **EAN/UPC - Case** | 8718291940197 |

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## Dimensional drawing




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