



LuxSpace square, recessed

DN572B LED24S/830 DIA-VLC-E C WH

LuxSpace square, recessed, 20 W, 200x200 mm, 2600 lm, 3000 K, DALI, Interact Ready, UGR19, High-gloss reflector, VLC, IP20

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 | |
|------------------------------------|---------------|
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Service tag | Yes |
| Lighting Technology | LED |
| Value ladder | Specification |
| Warranty period | 5 years |
| Sustainability rating | - |
| Light Technical | |
| Luminous Flux | 2,600 lm |
| Correlated Color Temperature (Nom) | 3000 K |

| Luminous Efficacy (rated) (Nom) | 130 lm/W |
|---------------------------------|----------------|
| Color rendering index (CRI) | >80 |
| Light source color | 830 warm white |
| Optic 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 | 16 A |
| Inrush time | 0.195 ms |
| Power Consumption | 20 W |

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| | |
|--|-----------------------------------|
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector and pull relief |
| Cable | - |
| Number of products on MCB of 16 A type B | 24 |
| Suitable for random switching | Yes |
| Protection class IEC | Safety class II |
| Total harmonic distortion | 20 % |

Controls and Dimming

| | |
|-------------------------------|---|
| Dimmable | Yes |
| Driver/power unit/transformer | Dali dimming Interact System ready visual light communicaton enabled external |
| Control interface | DALI |
| Constant light output | No |
| DALI Standard | D4i™ DALI-2™ |
| Maximum dim level | 1% |
| Connectivity | Interact Ready |

Mechanical and Housing

| | |
|------------------------------|-------------------------------|
| Housing Material | Aluminum die cast |
| Reflector material | Polycarbonate aluminum coated |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | Steel |
| Housing Color | White |
| Optical cover finish | - |
| Reflector Finish | High-gloss reflector |
| Overall height | 119 mm |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Net Weight (Piece) | 1.500 kg |

Approval and Application

| | |
|----------------|-----------------------------------|
| Glow-wire test | Temperature 650 °C, duration 30 s |
|----------------|-----------------------------------|

| | |
|------------------------------------|---|
| Flammability mark | For mounting on normally flammable surfaces |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |
| Ambient temperature range | +10 to +25 °C |

Initial Performance (IEC Compliant)

| | |
|--|----------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.43, 0.40) SDCM <2 |
| Power consumption tolerance | +/-10% |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤2 |

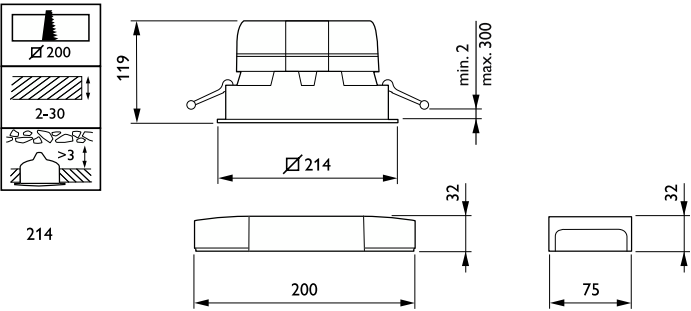
Over Time Performance (IEC Compliant)

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

Product Data

| | |
|---------------------------------|----------------------------------|
| Order product name | DN572B LED24S/830 DIA-VLC-E C WH |
| Full product name | DN572B LED24S/830 DIA-VLC-E C WH |
| Full product code | 871869997082600 |
| Order code | 910505100953 |
| Material Nr. (12NC) | 910505100953 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699970826 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718699970826 |
| Product family code | DN572B [LuxSpace2 Square] |

Dimensional drawing



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