



LuxSpace, recessed

DN571B LED12S/830 PSD-VLC-E C WH

LUXSPACE 2 COMPACT DEEP, 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 | DN571B [LUXSPACE 2 COMPACT DEEP] |
|------------------------------------|------------------------------------|
| 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 | No |
| | |
| Light Technical | |
| Luminous Flux | 1,300 lm |
| Correlated Color Temperature (Nom) | 3000 K |
| | |

Datasheet, 2023, November 30 data subject to change

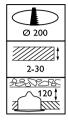
LuxSpace, recessed

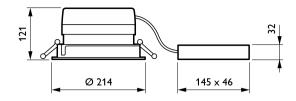
| | 401 04 |
|--|---|
| Luminous Efficacy (rated) (Nom) | 118 lm/W |
| Color rendering index (CRI) | >80 |
| Number of light sources | 1 |
| Light source color | 830 warm white |
| Optic type | High-gloss mirror |
| Optical cover type | - |
| Luminaire light beam spread | 70° |
| Unified glare rating 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 | 11 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 | Polycarbonate |
| Fixation material | Steel |
| Housing Color | White RAL 9003 |
| Optical cover finish | Frosted |
| operationed initial | |

| Overall height | 119 mm |
|--|----------------------------------|
| Overall diameter | 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 Compli | ant) |
| Control gear failure rate at median useful | 5 % |
| life 50000 h | |
| Lumen maintenance at median useful | L90 |
| life* 50000 h | |
| Lumen maintenance at median useful | L80 |
| life* 100000 h | |
| | |
| Application Conditions | |
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | 1% |
| Suitable for random switching | Yes |
| | |
| Product Data | |
| Order product name | DN571B LED12S/830 PSD-VLC-E C WH |
| Full product name | DN571B LED12S/830 PSD-VLC-E C WH |
| Full product code | 871829193107200 |
| Order code | 93107200 |
| Material Nr. (12NC) | 910503593115 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718291931072 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718291931072 |

LuxSpace, recessed

Dimensional drawing







© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.