



LuxSpace, recessed

DN571B LED40S/840 PSD-VLC-E C WH

LUXSPACE 2 COMPACT DEEP, LED module, system flux 4000 lm, 840 neutral 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 user costs where they see much bigger impact on return. Therefore, LuxSpace is designed to provide the perfect combination of efficiency, visual comfort and design, without compromising on lighting performance (color rendering and light distribution). It offers a wide choice of options for creating the desired ambience to support user comfort, no matter the application is. For office applications LuxSpace supports health and wellbeing having dedicated Tunable White products and lighting controls.

Product data

| General Information | |
|--------------------------|---|
| Lamp family code | LED40S [LED module, system flux 4000 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 | 4,100 lm |
| Correlated Color Temperature (Nom) | 4000 K |

Datasheet, 2023, December 5 data subject to change

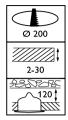
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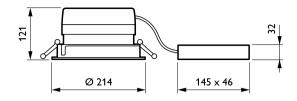
| Luminous Efficacy (rated) (Nom) | 128 lm/W |
|--|---|
| Color rendering index (CRI) | >80 |
| Number of light sources | 1 |
| Light source color | 840 neutral white |
| Optic type | High-gloss mirror |
| Optical cover type | - |
| Luminaire light beam spread | 70° |
| Unified glare rating CEN | 22 |
| | |
| 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 | 32 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 |
| | Polycarbonate atuminum coated |
| Optic material Optical cover material | |
| Fixation material | Polycarbonate |
| | Steel |
| Housing Color | White RAL 9003 |
| Optical cover finish | Frosted |

| Overall height | 119 mm |
|--|---|
| Overall diameter | 214 mm |
| Approval and Application | |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | |
| Protection class IEC | IKO2 [0.2 J standard] |
| Protection class IEC | Safety class II |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.38, 0.37) 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 life* | L90 |
| Lumen maintenance at median useful life* 50000 h | 1 L90 |
| | |
| 50000 h | |
| 50000 h Lumen maintenance at median useful life* | |
| 50000 h Lumen maintenance at median useful life* | |
| 50000 h Lumen maintenance at median useful life* 100000 h | |
| 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions | L80 |
| 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq | 25 °C |
| 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level | 25 °C |
| 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level | 25 °C |
| 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching | 25 °C 1% Yes |
| 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data | 25 °C 1% Yes DN571B LED40S/840 PSD-VLC-E C WH |
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| 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product code | 25 °C 1% Yes DN571B LED40S/840 PSD-VLC-E C WH DN571B LED40S/840 PSD-VLC-E C WH 871829194131600 |
| 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code | 25 °C 1% Yes DN571B LED40S/840 PSD-VLC-E C WH DN571B LED40S/840 PSD-VLC-E C WH 871829194131600 910503706646 |
| 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) | 25 °C 1% Yes DN571B LED40S/840 PSD-VLC-E C WHDN571B LED40S/840 PSD-VLC-E C WHB71829194131600 910503706646 910503706646 |
| 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack | 25 °C 1% Yes DN571B LED40S/840 PSD-VLC-E C WH DN571B LED40S/840 PSD-VLC-E C WH 871829194131600 910503706646 910503706646 1 |

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Dimensional drawing







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