

# LuxSpace, recessed

## DN571B LED40S/830 PSED-E F WH

LUXSPACE 2 COMPACT DEEP - LED Module, system flux 4000 lm - 830 warm white - Power supply unit with DALI interface external, DC compatible for central emergency lighting - Facetted reflector - White

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. For office applications LuxSpace supports the general feeling of health and wellbeing having dedicated Tunable White products

### Product data

| General Information | |
|---|---|
| **Number of light sources** | 1 pc |
| **Lamp family code** | LED40S [ LED Module, system flux 4000 lm] |
| **Light source color** | 830 warm white |
| **Cap-Base** | - [ -] |
| **Light source replaceable** | No |
| **Number of gear units** | 1 unit |
| **Gear** | - |
| **Driver/power unit/transformer** | Power supply unit with DALI interface external, DC compatible for central emergency lighting |

| | |
|---|---|
| **Driver included** | Yes |
| **Optic type** | Facetted reflector |
| **Optical cover/lens type** | - |
| **Luminaire light beam spread** | 70° |
| **Emergency lighting** | - |
| **Control interface** | DALI |
| **Connection** | Push-in connector and pull relief |
| **Cable** | - |
| **Protection class IEC** | Safety class II |
| **Glow-wire test** | Temperature 850 °C, duration 5 s |

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| | |
|---|---|
| **Flammability mark** | For mounting on normally flammable surfaces |
| **CE mark** | CE mark |
| **ENEC mark** | ENEC mark |
| **UL mark** | - |
| **Warranty period** | 5 years |
| **Decorative accessories** | - |
| **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. |
| **Constant light output** | No |
| **Number of products on MCB of 16 A type B** | 24 |
| **RoHS mark** | - |
| **Product family code** | DN571B [ LUXSPACE 2 COMPACT DEEP] |

## Light Technical

| | |
|---|---|
| **Optical cover/lens type accessory** | - |

## Operating and Electrical

| | |
|---|---|
| **Input Voltage** | 220 to 240 V |
| **Input Frequency** | 50 to 60 Hz |
| **Control signal voltage** | 0-16 V DC DALI |
| **Inrush current** | 20.4 A |
| **Inrush time** | 0.195 ms |
| **Power Factor (Min)** | 0.9 |

## Controls and Dimming

| | |
|---|---|
| **Dimmable** | Yes |

## Mechanical and Housing

| | |
|---|---|
| **Housing configuration** | Basic version |
| **Housing Material** | Aluminum die-cast |
| **Reflector material** | Polycarbonate aluminum coated |
| **Optic material** | Polycarbonate |
| **Optical cover/lens material** | Polycarbonate |
| **Fixation material** | Steel |
| **Optical cover/lens finish** | Frosted |

| | |
|---|---|
| **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] |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| **Initial luminous flux (system flux)** | 4100 lm |
| **Luminous flux tolerance** | +/-10% |
| **Initial LED luminaire efficacy** | 121 lm/W |
| **Init. Corr. Color Temperature** | 3000 K |
| **Init. Color Rendering Index** | >80 |
| **Initial chromaticity** | (0.43, 0.40) SDCM <3 |
| **Initial input power** | 34 W |
| **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

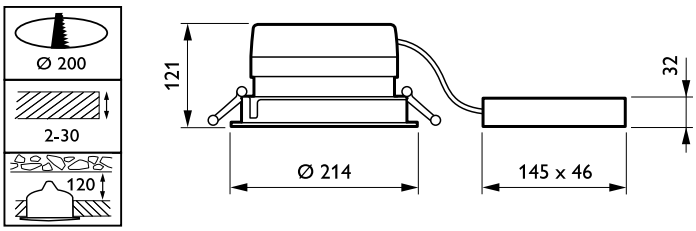
| | |
|---|---|
| **Ambient temperature range** | +10 to +25 °C |
| **Performance ambient temperature Tq** | 25 °C |
| **Maximum dim level** | 1% |
| **Suitable for random switching** | Yes (relates to presence/ movement detection and daylight harvesting) |

## Product Data

| | |
|---|---|
| **Full product code** | 871829194134700 |
| **Order product name** | DN571B LED40S/830 PSED-E F WH |
| **EAN/UPC - Product** | 8718291941347 |
| **Order code** | 910503706649 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 1 |
| **Material Nr. (12NC)** | 910503706649 |
| **Net Weight (Piece)** | 1.080 kg |

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## Dimensional drawing




**LuxSpace gen2 DN570B-DN572B**

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