



# LuxSpace, recessed

## DN571B LED24S/830 PSE-E F WH

LUXSPACE 2 COMPACT DEEP, LED module, system flux 2400 lm, 830 warm white, Power supply unit DC-compatible, external, Faceted reflector, White RAL 9003

Customers are looking to optimise 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 (colour rendering and colour uniformity). It offers a wide choice of options for creating the desired ambience, no matter the application.

### Product data

| General Information      |   |  |
|--------------------------|---|--|
| Lamp family code         | LED24S [LED module, system flux 2400 lm]  | useful life (B50) value also represents the B10 value. |
| Cap base                 | - [-]   | <b>Product family code</b>                             |
| Light source replaceable | No  | DN571B [LUXSPACE 2 COMPACT DEEP]                       |
| Number of gear units     | Unit  | <b>Lighting Technology</b>                             |
| Gear                     | -   | LED  |
| Driver included          | Yes   | <b>Value ladder</b>                                    |
| Remarks                  | *- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median | Specification  |
|                          |   | <b>CE mark</b>   |
|                          |   | Yes  |
|                          |   | <b>Warranty period</b>                                 |
|                          |   | 5 years  |
|                          |   | <b>Flammability mark</b>                               |
|                          |   | For mounting on normally flammable surfaces            |
|                          |   | <b>ENEC mark</b>                                       |
|                          |   | ENEC mark  |
|                          |   | <b>Glow-wire test</b>                                  |
|                          |   | Temperature 850 °C, duration 5 s                       |
|                          |   | <b>EU RoHS compliant</b>                               |
|                          |   | No   |

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### Light Technical

|                                  |                   |
|----------------------------------|-------------------|
| Luminous Flux                    | 2,500 lm          |
| Correlated Colour Temperature    | 3000 K            |
| Luminous efficacy (rated) (nom.) | 109 lm/W          |
| Colour rendering index (CRI)     | >80               |
| Light source colour              | 830 warm white    |
| Optic type                       | Faceted reflector |
| 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                           | 18 A                              |
| Inrush time                              | 0.24 ms                           |
| Power Consumption                        | 23 W                              |
| Power Factor (Fraction)                  | 0.9                               |
| Connection                               | Push-in connector and pull relief |
| Cable                                    | -                                 |
| Number of products on MCB of 16 A type B | 32                                |

### Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | +10 to +25 °C |
|---------------------------|---------------|

### Controls and Dimming

|                               |   |
|-------------------------------|---|
| Dimmable                      | No  |
| Driver/power unit/transformer | Power supply unit DC-compatible, external |
| Constant light output         | No  |

### Mechanical and Housing

|                             |                             |
|-----------------------------|-----------------------------|
| Housing material            | Aluminium die cast          |
| Reflector material          | Aluminium and polycarbonate |
| Optic material              | Polycarbonate               |
| Optical cover/lens material | Polycarbonate               |
| Fixation material           | Steel                       |
| Housing Colour              | White RAL 9003              |

|                           |         |
|---------------------------|---------|
| 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]   |
| 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 50,000 h | 5 % |
| Lumen maintenance at median useful life* 50,000 h        | L90 |
| Lumen maintenance at median useful life* 100,000 h       | L80 |

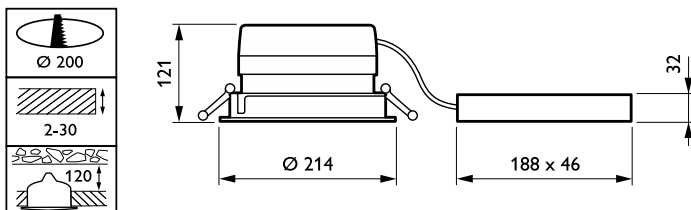
### Application Conditions

|                                    |       |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching      | Yes   |

### Product Data

|                                   |                              |
|-----------------------------------|------------------------------|
| Order product name                | DN571B LED24S/830 PSE-E F WH |
| Full product name                 | DN571B LED24S/830 PSE-E F WH |
| Full EOC                          | 871829193149200              |
| Order code                        | 93149200                     |
| Material no. (12 NC)              | 910503597315                 |
| SAP numerator – quantity per pack | 1                            |
| EAN/UPC – Product/Case            | 8718291931492                |
| Numerator – packs per outer box   | 1                            |
| EAN/UPC - Case                    | 8718291931492                |

## Dimensional drawing



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