



# LuxSpace Mini, recessed

## DN560B LED12S/830 PSED-VLC-E C PG WH

LuxSpace2 Mini Low height recessed - LED Module, system flux 1200 lm - 830 warm white - Power supply unit with DALI interface, DC-compatible, external - High-gloss mirror - Protection glass - 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           |  | Driver included             | Yes                               |
|-------------------------------|--|-----------------------------|-----------------------------------|
| Number of light sources       | 1 pc   | Optic type                  | High-gloss mirror                 |
| Lamp family code              | LED12S [ LED Module, system flux 1200 lm]                      | Optical cover/lens type     | Protection glass                  |
| Light source color            | 830 warm white   | Luminaire light beam spread | 80°                               |
| Cap-Base                      | - [ - ]  | Emergency lighting          | -                                 |
| Light source replaceable      | No   | Control interface           | DALI                              |
| Number of gear units          | 1 unit   | Connection                  | Push-in connector and pull relief |
| Gear                          | -  | Cable                       | -                                 |
| Driver/power unit/transformer | Power supply unit with DALI interface, DC-compatible, external | 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                      | DN560B [ LuxSpace2 Mini Low height recessed]  |
| Unified glare rating CEN                 | 22  |

### Light Technical

|                                   |                  |
|-----------------------------------|------------------|
| Optical cover/lens type accessory | Protection glass |
|-----------------------------------|------------------|

### Operating and Electrical

|                    |              |
|--------------------|--------------|
| Input Voltage      | 220 to 240 V |
| Input Frequency    | 50 to 60 Hz  |
| 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       | -                             |
| 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              | 72 mm                         |

|                  |                |
|------------------|----------------|
| Overall diameter | 164 mm         |
| Color            | White RAL 9003 |

### Approval and Application

|                              |  |
|------------------------------|--|
| Ingress protection code      | IP20/54 [ Finger-protected; dust accumulation-protected, splash-proof] |
| Mech. impact protection code | IK02 [ 0.2 J standard]   |

### Initial Performance (IEC Compliant)

|                                     |                      |
|-------------------------------------|----------------------|
| Initial luminous flux (system flux) | 1150 lm              |
| Luminous flux tolerance             | +/-10%               |
| Initial LED luminaire efficacy      | 99 lm/W              |
| Init. Corr. Color Temperature       | 3000 K               |
| Init. Color Rendering Index         | >80                  |
| Initial chromaticity                | (0.43, 0.40) SDCM <3 |
| Initial input power                 | 11.6 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

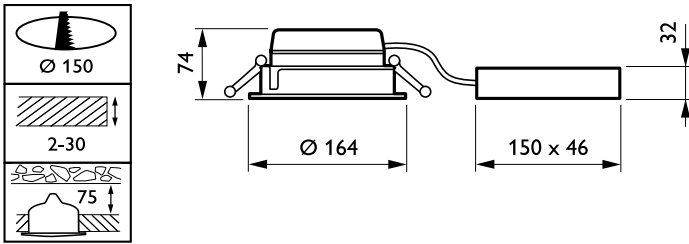
|                                    |               |
|------------------------------------|---------------|
| Ambient temperature range          | +10 to +25 °C |
| Performance ambient temperature Tq | 25 °C         |
| Maximum dim level                  | 1%            |
| Suitable for random switching      | Yes           |

### Product Data

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Full product code               | 871829193650300                      |
| Order product name              | DN560B LED12S/830 PSED-VLC-E C PG WH |
| EAN/UPC - Product               | 8718291936503                        |
| Order code                      | 910503586429                         |
| Numerator - Quantity Per Pack   | 1                                    |
| Numerator - Packs per outer box | 1                                    |
| Material Nr. (12NC)             | 910503586429                         |
| Net Weight (Piece)              | 0.816 kg                             |

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### Dimensional drawing



LuxSpace gen2 Mini DN560B-DN561C

