



# LuxSpace square, recessed

## DN572B LED20S/840 PSE-E F WH

LuxSpace2 Square - LED Module, system flux 2000 lm - 840 neutral white - Power supply unit 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.

### Product data

| General information           |                                                                          |                             |                                             |
|-------------------------------|--------------------------------------------------------------------------|-----------------------------|---------------------------------------------|
| Number of light sources       | 1 pc                                                                     | Optic type                  | Facetted reflector                          |
| Lamp family code              | LED20S [ LED Module, system flux 2000 lm]                                | Optical cover/lens type     | -                                           |
| Light source color            | 840 neutral white                                                        | Luminaire light beam spread | 80°                                         |
| Cap-Base                      | - [ -]                                                                   | Emergency lighting          | -                                           |
| Light source replaceable      | No                                                                       | Connection                  | Push-in connector and pull relief           |
| Number of gear units          | 1 unit                                                                   | Cable                       | -                                           |
| Gear                          | -                                                                        | Protection class IEC        | Safety class II                             |
| Driver/power unit/transformer | Power supply unit external, DC compatible for central emergency lighting | Glow-wire test              | Temperature 850 °C, duration 5 s            |
| Driver included               | Yes                                                                      | Flammability mark           | For mounting on normally flammable surfaces |
|                               |                                                                          | CE mark                     | CE mark                                     |
|                               |                                                                          | ENEC mark                   | ENEC mark                                   |

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|                                          |                                                                                                                                                                                                                                                                                                         |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UL mark                                  | -                                                                                                                                                                                                                                                                                                       |
| Warranty period                          | 5 years                                                                                                                                                                                                                                                                                                 |
| Decorative accessories                   | -                                                                                                                                                                                                                                                                                                       |
| Remarks                                  | *-Per Lighting Europe guidance paper<br>"Evaluating performance of LED based<br>luminaires - January 2018": statistically there<br>is no relevant difference in lumen<br>maintenance between B50 and for example<br>B10. Therefore the median useful life (B50)<br>value also represents the B10 value. |
| Constant light output                    | No                                                                                                                                                                                                                                                                                                      |
| Number of products on MCB of 16 A type B | 32                                                                                                                                                                                                                                                                                                      |
| RoHS mark                                | -                                                                                                                                                                                                                                                                                                       |
| Product family code                      | DN572B [ LuxSpace2 Square]                                                                                                                                                                                                                                                                              |

### Light Technical

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

### Operating and Electrical

|                    |              |
|--------------------|--------------|
| Input Voltage      | 220 to 240 V |
| Input Frequency    | 50 to 60 Hz  |
| Inrush current     | 18 A         |
| Inrush time        | 0.24 ms      |
| Power Factor (Min) | 0.9          |

### Controls and Dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

### Mechanical and Housing

|                             |                               |
|-----------------------------|-------------------------------|
| Housing configuration       | -                             |
| Housing Material            | Aluminum die-cast             |
| Reflector material          | Polycarbonate aluminum coated |
| Optic material              | Polycarbonate                 |
| Optical cover/lens material | Glass                         |
| Fixation material           | Steel                         |
| Optical cover/lens finish   | Frosted                       |
| Overall length              | 214 mm                        |
| Overall width               | 214 mm                        |
| Overall height              | 119 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) | 2100 lm              |
| Luminous flux tolerance             | +/-10%               |
| Initial LED luminaire efficacy      | 121 lm/W             |
| Init. Corr. Color Temperature       | 4000 K               |
| Init. Color Rendering Index         | >80                  |
| Initial chromaticity                | (0.38, 0.37) SDCM <3 |
| Initial input power                 | 17.4 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                                                                 |
| Suitable for random switching      | Yes (relates to presence/ movement detection and daylight harvesting) |

### Product Data

|                                 |                              |
|---------------------------------|------------------------------|
| Full product code               | 871829194030200              |
| Order product name              | DN572B LED20S/840 PSE-E F WH |
| EAN/UPC - Product               | 8718291940302                |
| Order code                      | 910503706594                 |
| Numerator - Quantity Per Pack   | 1                            |
| Numerator - Packs per outer box | 1                            |
| Material Nr. (12NC)             | 910503706594                 |
| Net Weight (Piece)              | 1.520 kg                     |

