



# LuxSpace, recessed

## DN570B LED24S/840 DIA-VLC-E C WH

LuxSpace, recessed, 18.4 W, D200 mm, 2600 lumen, 4000 K, DALI, Interact Ready, High-gloss reflector, IP20

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      |   |                                    |                                  |
|--------------------------|---|------------------------------------|----------------------------------|
| Light source replaceable | No  | Glow-wire test                     | Temperature 850 °C, duration 5 s |
| Number of gear units     | 1 unit                                      | EU RoHS compliant                  | Yes                              |
| Driver included          | Yes   | Light Technical                    |                                  |
| Service tag              | Yes   | Luminous Flux                      | 2,600 lumen                      |
| Product family code      | DN570B [LUXSPACE 2 COMPACT LOW HEIGHT]      | Correlated Color Temperature (Nom) | 4000 K                           |
| Connectivity             | Interact Ready                              | Luminous Efficacy (rated) (Nom)    | 141 lm/W                         |
| Lighting Technology      | LED   | Color rendering index (CRI)        | >80                              |
| Value ladder             | Specification                               | Light source color                 | 840 neutral white                |
| CE mark                  | Yes   | Optic type                         | -                                |
| Warranty period          | 5 years                                     | Luminaire light beam spread        | 80°                              |
| Flammability mark        | For mounting on normally flammable surfaces | Unified glare rating CEN           | 22                               |
| ENEC mark                | ENEC mark                                   | Operating and Electrical           |                                  |
|                          |   | Line Frequency                     | 50 to 60 Hz                      |

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|  |                                   |
|--|-----------------------------------|
| Input Voltage                            | 220 to 240 V                      |
| Inrush current                           | 16 A                              |
| Inrush time                              | 0.195 ms                          |
| Power Consumption                        | 18.4 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 and constant light output, external |
| Control interface             | DALI  |
| Constant light output         | No  |

### Mechanical and Housing

|                             |                               |
|-----------------------------|-------------------------------|
| Housing Material            | Aluminum die cast             |
| Reflector material          | Polycarbonate aluminum coated |
| Optic material              | Polycarbonate                 |
| Optical cover/lens material | Polycarbonate                 |
| Fixation material           | Steel                         |
| Housing Color               | White                         |
| Optical cover/lens finish   | -                             |
| Reflector Finish            | High-gloss reflector          |
| Overall height              | 96 mm                         |
| Overall diameter            | 214 mm                        |

### Approval and Application

|                              |                         |
|------------------------------|-------------------------|
| Ingress protection code      | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard]   |

|                       |                 |
|-----------------------|-----------------|
| Sustainability rating | -               |
| Protection class IEC  | Safety class II |

### Initial Performance (IEC Compliant)

|                             |                     |
|-----------------------------|---------------------|
| Initial chromaticity        | (0.38, 0.38) SDCMs2 |
| Luminous flux tolerance     | +/-10%              |
| 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 |
| Lumen maintenance at median useful life* 100000 h       | L80 |

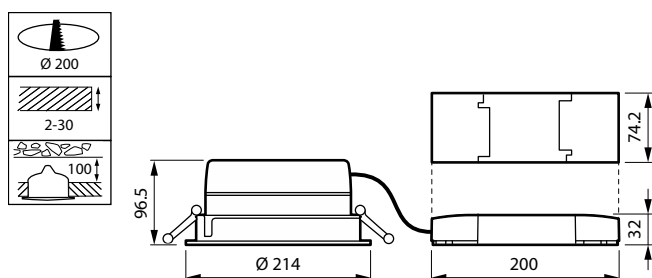
### Application Conditions

|                                    |       |
|------------------------------------|-------|
| Maximum dim level                  | 1%    |
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching      | Yes   |

### Product Data

|                                 |                                  |
|---------------------------------|----------------------------------|
| Full product code               | 871869997003100                  |
| Order product name              | DN570B LED24S/840 DIA-VLC-E C WH |
| Order code                      | 910505100873                     |
| Numerator - Quantity Per Pack   | 1                                |
| Numerator - Packs per outer box | 1                                |
| Material Nr. (12NC)             | 910505100873                     |
| Full product name               | DN570B LED24S/840 DIA-VLC-E C WH |
| EAN/UPC - Case                  | 8718699970031                    |
| EAN/UPC - Product/Case          | 8718699970031                    |

## Dimensional drawing



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