



# LuxSpace, recessed

## DN570B LED40S/TWH PSD-E C WH

LuxSpace, recessed, 30 W, D200 mm, 3100 lm, Tunable white 2700–6500 K, DALI, 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   |
| Number of gear units     | 1 unit   |
| Driver included          | Yes  |
| Service tag              | Yes  |
| Lighting Technology      | LED  |
| Value ladder             | Specification  |
| Serviceability class     | Class B, luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge protection device, front cover and mechanical parts |
| Warranty period          | 5 years  |
| Sustainability rating    | Lighting for wellbeing   |

| Light Technical                    |                           |
|------------------------------------|---------------------------|
| Luminous Flux                      | 3,100 lm                  |
| Correlated Color Temperature (Nom) | Tunable white 2700–6500 K |
| Luminous Efficacy (rated) (Nom)    | 100 lm/W                  |
| Color rendering index (CRI)        | >80                       |
| Beam angle of light source         | – degree(s)               |
| Light source color                 | Tunable white             |
| Optic type                         | –                         |
| Luminaire light beam spread        | 80°                       |
| Unified glare rating CEN           | 22                        |

| Operating and Electrical      |              |
|-------------------------------|--------------|
| Input Voltage                 | 220 to 240 V |
| Line Frequency                | 50 to 60 Hz  |
| Average CLO power consumption | 30 W         |

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|  |                                   |
|--|-----------------------------------|
| Inrush current                           | 12 A                              |
| Inrush time                              | 0.05 ms                           |
| Power Consumption                        | 30 W                              |
| Power Factor (Fraction)                  | 0.9                               |
| Connection                               | Push-in connector and pull relief |
| Cable                                    | -                                 |
| Number of products on MCB of 16 A type B | 80                                |
| Suitable for random switching            | Yes                               |
| Protection class IEC                     | Safety class II                   |
| Total harmonic distortion                | 15 %                              |

Controls and Dimming

|                               |  |
|-------------------------------|--|
| Dimmable                      | Yes  |
| Driver/power unit/transformer | Power supply unit with DALI interface external |
| Control interface             | DALI   |
| Constant light output         | No   |
| Maximum dim level             | 1%   |

Mechanical and Housing

|                              |                               |
|------------------------------|-------------------------------|
| Housing Material             | Metal–Plastic                 |
| Reflector material           | Polycarbonate aluminum coated |
| Optic material               | Polycarbonate                 |
| Optical cover material       | Polycarbonate                 |
| Fixation material            | Steel                         |
| Housing Color                | White                         |
| Optical cover finish         | -                             |
| Reflector Finish             | High-gloss reflector          |
| Overall height               | 96 mm                         |
| Overall diameter             | 214 mm                        |
| Ingress protection code      | IP20 [Finger-protected]       |
| Mech. impact protection code | IK02 [0.2 J standard]         |
| Net Weight (Piece)           | 1.900 kg                      |

Approval and Application

|                |                                   |
|----------------|-----------------------------------|
| Glow-wire test | Temperature 650 °C, duration 30 s |
|----------------|-----------------------------------|

|                                    |   |
|------------------------------------|---|
| Flammability mark                  | For mounting on normally flammable surfaces |
| CE mark                            | Yes   |
| ENEC mark                          | -   |
| EU RoHS compliant                  | Yes   |
| Performance ambient temperature Tq | 25 °C                                       |
| Ambient temperature range          | +10 to +25 °C                               |

Initial Performance (IEC Compliant)

|                             |                      |
|-----------------------------|----------------------|
| Luminous flux tolerance     | +/-10%               |
| Initial chromaticity        | (0.307,0.326) SDCM≤4 |
| Power consumption tolerance | +/-10%               |

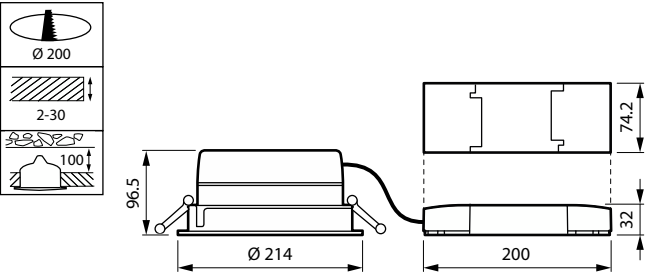
Over Time Performance (IEC Compliant)

|  |     |
|--|-----|
| Control gear failure rate at median useful life 50000 h              | 5 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h  | L90 |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h | L80 |

Product Data

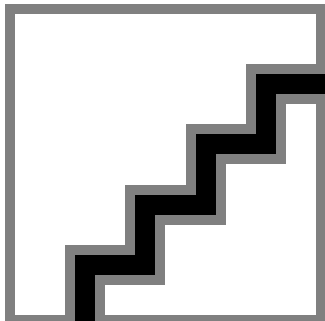
|                                 |  |
|---------------------------------|--|
| Order product name              | DN570B LED40S/TWH PSD-E C WH           |
| Full product name               | DN570B LED40S/TWH PSD-E C WH           |
| Full product code               | 871869997030700                        |
| Order code                      | 910505100901                           |
| Material Nr. (12NC)             | 910505100901                           |
| Numerator - Quantity Per Pack   | 1                                      |
| EAN/UPC - Product/Case          | 8718699970307                          |
| Numerator - Packs per outer box | 1                                      |
| EAN/UPC - Case                  | 8718699970307                          |
| Product family code             | DN570B [LUXSPACE 2 COMPACT LOW HEIGHT] |

Dimensional drawing



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### Photometric data



Polar Normal (separate) - DN570BI - 910505100901

