



# LuxSpace PoE

## DN570B LED20S/830 POE-E C WH

LUXSPACE 2 COMPACT LOW HEIGHT – 830 warm white –  
Luminaire controller with power over Ethernet – High-gloss  
mirror – Push-in connector and pull relief – White RAL 9003

With Power-over-Ethernet (PoE) technology, LuxSpace PoE receives power and data over a single standard Ethernet cable, eliminating the need for separate power cabling. With the simple click of a connector, LuxSpace PoE luminaires become part of a complete, integrated connected lighting system, delivering extraordinary illumination experiences and value beyond illumination. A built-in lighting and control system gives office users personal control over their preferred light settings via a specially designed smartphone app. With integrated sensors, LuxSpace PoE luminaires can track activity patterns, daylight levels, and in the near future humidity, CO<sub>2</sub>, temperature, or other data. This data allows facility managers to gain deep insight into building operations, helping them optimize the delivery of resources, enhance the experience and performance of occupants, and support improved asset management.

### Product data

| General Information           |   |                       |   |
|-------------------------------|---|-----------------------|---|
| Light source color            | 830 warm white                                | Connection            | Push-in connector and pull relief           |
| Light source replaceable      | No  | Cable                 | -   |
| Number of gear units          | 1 unit  | Protection class IEC  | Safety class II                             |
| Driver/power unit/transformer | Luminaire controller with power over Ethernet | Glow-wire test        | Temperature 850 °C, duration 5 s            |
| Driver included               | Yes   | Flammability mark     | For mounting on normally flammable surfaces |
| Optic type                    | High-gloss mirror                             | CE mark               | CE mark                                     |
| Luminaire light beam spread   | 80°   | ENEC mark             | -   |
| Control interface             | Power over Ethernet                           | Warranty period       | 5 years                                     |
|                               |   | Constant light output | No  |

# LuxSpace PoE

|  |   |
|--|---|
| Number of products on MCB of 16 A type B | 24                                      |
| EU RoHS compliant                        | Yes                                     |
| Service tag                              | Yes                                     |
| Product family code                      | DN570B [ LUXSPACE 2 COMPACT LOW HEIGHT] |
| Unified glare rating CEN                 | 22                                      |

## Operating and Electrical

|                    |             |
|--------------------|-------------|
| Input Voltage      | 48 to 54 V  |
| Input Frequency    | 50 to 60 Hz |
| Inrush current     | 16 A        |
| Inrush time        | 0.195 ms    |
| Power Factor (Min) | 0.9         |

## Controls and Dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

## Mechanical and Housing

|                                     |  |
|-------------------------------------|--|
| 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                      | 96 mm                                  |
| Overall diameter                    | 214 mm                                 |
| Color                               | White RAL 9003                         |
| Dimensions (Height x Width x Depth) | 96 x NaN x NaN mm (3.8 x NaN x NaN in) |

## 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) | 2200 lm |
|-------------------------------------|---------|

|                                |                      |
|--------------------------------|----------------------|
| Luminous flux tolerance        | +/-10%               |
| Initial LED luminaire efficacy | 134 lm/W             |
| Init. Corr. Color Temperature  | 3000 K               |
| Init. Color Rendering Index    | >80                  |
| Initial chromaticity           | (0.43, 0.40) SDCM <2 |
| Initial input power            | 16.4 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

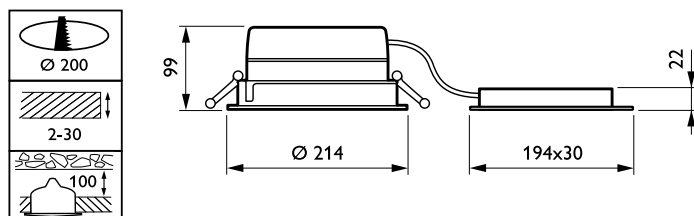
|                                    |               |
|------------------------------------|---------------|
| Ambient temperature range          | +10 to +25 °C |
| Performance ambient temperature Tq | 25 °C         |
| Maximum dim level                  | 1%            |
| Suitable for random switching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

## Product Data

|                                 |                              |
|---------------------------------|------------------------------|
| Full product code               | 871869997060400              |
| Order product name              | DN570B LED20S/830 POE-E C WH |
| EAN/UPC - Product               | 8718699970604                |
| Order code                      | 910505100931                 |
| Numerator - Quantity Per Pack   | 1                            |
| Numerator - Packs per outer box | 1                            |
| Material Nr. (12NC)             | 910505100931                 |
| Net Weight (Piece)              | 1.080 kg                     |

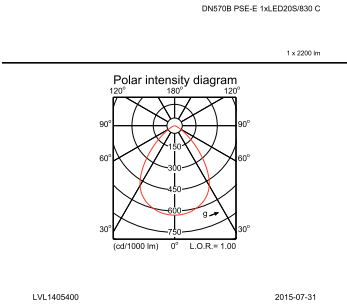
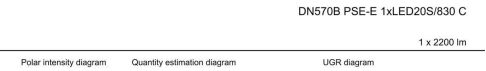


## Dimensional drawing



LuxSpace gen2 DN570B-DN572B

Photometric data



IFGU1\_DN570B PSE-E 1xLED20S830 C.EPS

IFPC1\_DN570B PSE-E 1xLED20S830 C.EPS

