



# LuxSpace G4

## DN590B LED15/840 POE C D125 WH WB GC

LuxSpace G4, 13.5 W, 1500 lm, 4000 K, Power over Ethernet, Facetted reflector with beam angle 60°, Textured, Fingerprotected

LuxSpace Gen4 is the a new LED downlight range combining light comfort and leading performance with luxury looking

## **Product data**

| General Information                |  |
|------------------------------------|--|
| Light source replaceable           | No                                     |
| Number of gear units               | 1 unit                                 |
| Driver included                    | Yes                                    |
| Light source engine type           | LED                                    |
| Glow-wire test                     | Temperature 650 °C, duration 30 s      |
| Flammability mark                  | For mounting on normally flammable     |
|                                    | surfaces                               |
| CE mark                            | CE mark                                |
| Warranty period                    | 3 years                                |
| EU RoHS compliant                  | Yes                                    |
|                                    |  |
| Light Technical                    |  |
| Luminous Flux                      | 1,500 lm                               |
| Correlated Color Temperature (Nom) | 4000 K                                 |
| Luminous Efficacy (rated) (Nom)    | 111 lm/W                               |
| Color rendering index (CRI)        | >90                                    |
| Light source color                 | 840 neutral white                      |
| Optic type                         | Facetted reflector with beam angle 60° |
|                                    |  |

| Optical cover type                  | Reflector                           |
|-------------------------------------|-------------------------------------|
|                                     |                                     |
| Operating and Electrical            |                                     |
| Input Voltage                       | 220 to 240 V                        |
| Line Frequency                      | 50 or 60 Hz                         |
| Power Consumption                   | 13.5 W                              |
| Power Factor (Fraction)             | 0.9                                 |
| Connection                          | RJ45 connector                      |
| Number of products on MCB of 16 A t | ype B -                             |
|                                     |                                     |
| Temperature                         |                                     |
| Ambient temperature range           | -20 to +40 °C                       |
|                                     |                                     |
| Controls and Dimming                |                                     |
| Dimmable                            | Yes                                 |
| Driver/power unit/transformer       | Power supply unit external (On/Off) |
| Control interface                   | Power over Ethernet                 |
| Constant light output               | No                                  |

## LuxSpace G4

| Mechanical and Housing              |                               |
|-------------------------------------|-------------------------------|
| Housing Material                    | Aluminum die cast             |
| Reflector material                  | Polycarbonate aluminum coated |
| Optic material                      | Polycarbonate                 |
| Optical cover material              | Polycarbonate                 |
| Fixation material                   | Steel                         |
| Housing Color                       | White and black               |
| Optical cover finish                | Textured                      |
| Overall length                      | 0 mm                          |
| Overall width                       | 0 mm                          |
| Overall height                      | 90 mm                         |
| Overall diameter                    | 137 mm                        |
| Dimensions (Height x Width x Depth) | 90 x 0 x 0 mm                 |

| Power consumption tolerance           | +/-10%                               |
|---------------------------------------|--------------------------------------|
|                                       |                                      |
| Over Time Performance (IEC Compliant) |                                      |
| Driver failure rate at 5000 h         | 1 %                                  |
| Median useful life L70B50             | 50,000 hour(s)                       |
| Median useful life L80B50             | 50,000 hour(s)                       |
| Median useful life L90B50             | 21,000 hour(s)                       |
|                                       |                                      |
| Application Conditions                |                                      |
| Maximum dim level                     | 30%                                  |
|                                       |                                      |
| Product Data                          |                                      |
| Order product name                    | DN590B LED15/840 POE C D125 WH WB GC |
| Full product name                     | DN590B LED15/840 POE C D125 WH WB GC |
| Full product code                     | 911401540741                         |
| Order code                            | 911401540741                         |
| Material Nr. (12NC)                   | 911401540741                         |
| Numerator - Quantity Per Pack         | 1                                    |
| Numerator - Packs per outer box       | 1                                    |

## Approval and Application

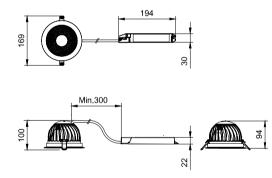
| Ingress protection code      | IP20 [Finger-protected] |
|------------------------------|-------------------------|
| Mech. impact protection code | IK03 [0.3 J]            |
| Protection class IEC         | Safety class III        |

#### Initial Performance (IEC Compliant)

Luminous flux tolerance

+/-10%

## **Dimensional drawing**





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