



# LuxSpace G4

## DN590B LED15/840 PSD C D125 WH MB GC

LuxSpace G4, 13.5 W, 1500 lm, 4000 K, DALI, Facetted reflector with beam angle 30°, Textured, Finger-protected

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 30°      |
| Optical cover type                 | Reflector                                   |

| Operating and Electrical                    |   |
|---|---|
| Input Voltage                               | 220 to 240 V  |
| Line Frequency                              | 50 or 60 Hz   |
| Inrush current                              | 20.4 A  |
| Inrush time                                 | 0.195 ms  |
| Power Consumption                           | 13.5 W  |
| Power Factor (Fraction)                     | 0.9   |
| Connection                                  | Plug-in connector 3-pole Wieland/Adels compatible and 2x 2-pole control signal for light regulation |
| Number of products on MCB of 16 A type B 24 |   |
| 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                           | DALI  |
| 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                 |

### Approval and Application

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

### Initial Performance (IEC Compliant)

|                         |        |
|-------------------------|--------|
| Luminous flux tolerance | +/-10% |
|-------------------------|--------|

|                             |        |
|-----------------------------|--------|
| 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 | 1% |
|-------------------|----|

### Product Data

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Order product name              | DN590B LED15/840 PSD C D125 WH MB GC |
| Full product name               | DN590B LED15/840 PSD C D125 WH MB GC |
| Full product code               | 911401540341                         |
| Order code                      | 911401540341                         |
| Material Nr. (12NC)             | 911401540341                         |
| Numerator - Quantity Per Pack   | 1                                    |
| Numerator - Packs per outer box | 1                                    |

## Dimensional drawing

