



# LuxSpace G4

## DN589B LED10/840 PSD C D150 WH WB WP CAU

LuxSpace G4, 10.5 W, 1000 lm, 4000 K, DALI, Facetted reflector with beam angle 60°, Textured, Finger-protected; dust accumulation-protected, splash-proof

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

### Product data

| General Information                |                                             | Optical cover type                       |                                                        |
|------------------------------------|---------------------------------------------|------------------------------------------|--------------------------------------------------------|
| Light source replaceable           | No                                          | Reflector                                |                                                        |
| Number of gear units               | 1 unit                                      | Operating and Electrical                 |                                                        |
| Driver included                    | Yes                                         | Input Voltage                            | 220 to 240 V                                           |
| Light source engine type           | LED                                         | Line Frequency                           | 50 or 60 Hz                                            |
| CE mark                            | CE mark                                     | Inrush current                           | 16 A                                                   |
| Warranty period                    | 3 years                                     | Inrush time                              | 0.22 ms                                                |
| Flammability mark                  | For mounting on normally flammable surfaces | Power Consumption                        | 10.5 W                                                 |
| Glow-wire test                     | Temperature 650 °C, duration 30 s           | Power Factor (Fraction)                  | 0.9                                                    |
| EU RoHS compliant                  | Yes                                         | Connection                               | Connector with 2 additional wires for light regulation |
|                                    |                                             | Number of products on MCB of 16 A type B | 24                                                     |
| Light Technical                    |                                             | Temperature                              |                                                        |
| Luminous Flux                      | 1,000 lm                                    | Ambient temperature range                | -20 to +40 °C                                          |
| Correlated Color Temperature (Nom) | 4000 K                                      | Controls and Dimming                     |                                                        |
| Luminous Efficacy (rated) (Nom)    | 119 lm/W                                    | Dimmable                                 | Yes                                                    |
| Color rendering index (CRI)        | >80                                         | Driver/power unit/transformer            | Power supply unit external (On/Off)                    |
| Light source color                 | 840 neutral white                           | Control interface                        | DALI                                                   |
| Optic type                         | Facetted reflector with beam angle 60°      |                                          |                                                        |

# LuxSpace G4

|                       |    |
|-----------------------|----|
| Constant light output | No |
|-----------------------|----|

## 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                      | 100 mm                        |
| Overall diameter                    | 162 mm                        |
| Dimensions (Height x Width x Depth) | 100 x 0 x 0 mm                |

## Approval and Application

|                              |                                                                       |
|------------------------------|-----------------------------------------------------------------------|
| Ingress protection code      | IP20/54 [Finger-protected; dust accumulation-protected, splash-proof] |
| Mech. impact protection code | IK03 [0.3 J]                                                          |
| Protection class IEC         | Safety class II                                                       |

## 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              | DN589B LED10/840 PSD C D150 WH WB WP CAU |
| Full product name               | DN589B LED10/840 PSD C D150 WH WB WP CAU |
| Full product code               | 911401553541                             |
| Order code                      | 911401553541                             |
| Material Nr. (12NC)             | 911401553541                             |
| Numerator - Quantity Per Pack   | 1                                        |
| Numerator - Packs per outer box | 1                                        |

## Dimensional drawing

