



LuxSpace G4

DN591B LED20/830 PSD C D125 WH MB GC

LuxSpace G4, 19.3 W, 2000 lm, 3000 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 | 2,000 lm |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 104 lm/W |
| Color rendering index (CRI) | >80 |
| Light source color | 830 warm 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 | 19.3 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)

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|-------------------------------|----------------|
| 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

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|-------------------|----|
| Maximum dim level | 1% |
|-------------------|----|

Product Data

| | |
|---------------------------------|--------------------------------------|
| Order product name | DN591B LED20/830 PSD C D125 WH MB GC |
| Full product name | DN591B LED20/830 PSD C D125 WH MB GC |
| Full product code | 911401542141 |
| Order code | 911401542141 |
| Material Nr. (12NC) | 911401542141 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |

Dimensional drawing

