



LuxSpace G4

DN589B LED10/840 PSD C D150 WH WB GM

Reflector

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

Product data

| General Information | |
|---|--|
| Lamp colour code | 840 neutral white |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver/power unit/transformer | PSU-E [Power supply unit external (PSU)] |
| Driver included | Yes |
| Optic type | Faceted reflector with beam angle 60° |
| Optical cover/lens type | Reflector |
| Control interface | DALI |
| Connection | C-2R [Connector with 2 additional wires for light regulation] |
| Protection class IEC | Safety class II (II) |
| Glow-wire test | 650/30 [Temperature 650 °C, duration 30 s] |
| Flammability mark | F [For mounting on normally flammable surfaces] |
| CE mark | CE mark |
| Warranty period | 3 years |
| Constant light output | No |
| Number of products on MCB (16 A type B) | 24 |
| EU RoHS compliant | Yes |
| Light source engine type | LED |

| Operating and Electrical | |
|--------------------------|--------------|
| Input Voltage | 220 to 240 V |
| Input frequency | 50 or 60 Hz |
| Inrush current | 16 A |
| Inrush time | 0.22 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 | Textured |
| Overall length | 0 mm |
| Overall width | 0 mm |
| Overall height | 100 mm |
| Overall diameter | 162 mm |

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|--------|-----------------|
| Colour | White and black |
|--------|-----------------|

Approval and Application

| | |
|------------------------------|--------------------------|
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK03 [0.3 J] |

Initial Performance (IEC Compliant)

| | |
|-------------------------------------|----------|
| Initial luminous flux (system flux) | 1050 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 125 lm/W |
| Lamp colour temperature | 4000 K |
| Colour Rendering Index | >80 |
| Initial input power | 8.4 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

| | |
|---------------------------|---------|
| Median useful life L70B50 | 50000 h |
| Median useful life L80B50 | 50000 h |

| | |
|---------------------------|---------|
| Median useful life L90B50 | 21000 h |
|---------------------------|---------|

Application Conditions

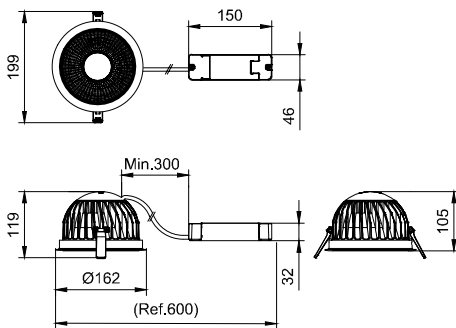
| | |
|---------------------------|---------------|
| Ambient temperature range | -20 to +40 °C |
| Maximum dimming level | 1% |

Product Data

| | |
|-----------------------------------|--------------------------------------|
| Full product code | 911401548941 |
| Order product name | DN589B LED10/840 PSD C D150 WH WB GM |
| Order code | 911401548941 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 1 |
| SAP material | 911401548941 |
| SAP net weight (piece) | 0.799 kg |



Dimensional drawing



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