# LuxSpace G4

## DN591B LED20/830 PSD C D200 WH WB WP GM

Reflector

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

## Product data

### General information

| | |
|---|---|
| Light source color | 830 warm white |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver/power unit/transformer | Power supply unit external |
| Driver included | Yes |
| Optic type | Facetted reflector with beam angle 60° |
| Optical cover/lens type | Reflector |
| Control interface | DALI |
| Connection | Plug-in connector 3-pole Wieland/Adels compatible and 2x 2-pole control signal for light regulation |
| Protection class IEC | Safety class I |
| 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 |
| Constant light output | No |
| Number of products on MCB of 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 | 20.4 A |
| Inrush time | 0.195 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 | 130 mm |
| Overall diameter | 212 mm |

# LuxSpace G4

| Color | White and black |
|---|---|

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

## Approval and application

| Ingress protection code | IP54/20 [ Dust accumulation protected, splash-proof/finger protected] |
|---|---|
| Mech. impact protection code | IK03 [ 0.3 J] |

## Initial performance (IEC compliant)

| Initial luminous flux (system flux) | 1930 lm |
|---|---|
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 107 lm/W |
| Init. Corr. Color Temperature | 3000 K |
| Init. Color Rendering Index | >80 |
| Initial input power | 18 W |
| Power consumption tolerance | +/-10% |

## Over time performance (IEC compliant)

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

## Application conditions

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

## Product data

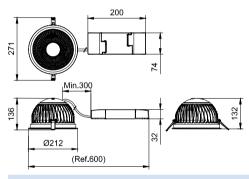| Full product code | 911401550941 |
|---|---|
| Order product name | DN591B LED20/830 PSD C D200 WH WB WP GM |
| Order code | 911401550941 |
| Numerator – Quantity Per Pack | 1 |
| Numerator – Packs per outer box | 1 |
| Material Nr. (12NC) | 911401550941 |
| Copy Net Weight (Piece) | 1.399 kg |

## Dimensional drawing



**DN591B LED20/830 PSD C D200 WH WB WP GM**

www.lighting.philips.com

2022, July 26 – data subject to change