PHILIPS

Lighting



# LuxSpace G4

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

LuxSpace G4, 18 W, 1930 lm, 3000 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 | |
|---|---|
| **Light source replaceable** | No |
| **Number of gear units** | 1 unit |
| **Driver included** | Yes |
| **Light source engine type** | LED |
| **CE mark** | CE mark |
| **Warranty period** | 3 years |
| **Flammability mark** | For mounting on normally flammable surfaces |
| **Glow-wire test** | Temperature 650 °C, duration 30 s |
| **EU RoHS compliant** | Yes |

| Light Technical | |
|---|---|
| **Luminous Flux** | 1,930 lm |
| **Correlated Color Temperature (Nom)** | 3000 K |
| **Luminous Efficacy (rated) (Nom)** | 107 lm/W |
| **Color rendering index (CRI)** | >80 |
| **Light source color** | 830 warm white |
| **Optic type** | Facetted reflector with beam angle 60° |
| **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** | 18 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) |

# LuxSpace G4

| | |
|---|---|
| **Control interface** | DALI |
| **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** | 130 mm |
| **Overall diameter** | 212 mm |
| **Dimensions (Height x Width x Depth)** | 130 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 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) |

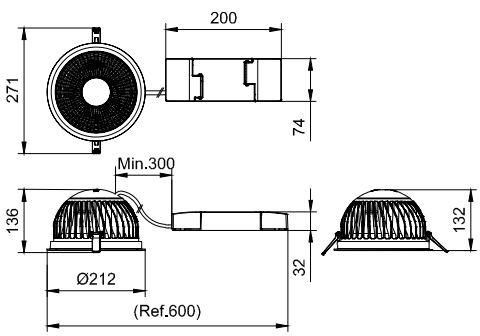
## Application Conditions

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

## Product Data

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

## Dimensional drawing




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