![Philips Lighting]

# StoreFlux gen3 rimless

## GD613B LED20S/830 PSU-E NB WH-WH

StoreFlux3, LED Module, system flux 2000 lm, 830 warm white, Power supply unit external (On/Off), Narrow beam, White and white

The StoreFlux gridlight can be equipped with up to four LED modules with a special reflector system to deliver top-quality light that makes your shop and merchandise look great. The combination of multiple LED sources with high lumen packages in one luminaire creates sparkling light effects. StoreFlux offers low maintenance compared with CDM and high efficiency compared to halogen.

## Product data

### General Information

| | |
|---|---|
| Lamp family code | LED20S [LED Module, system flux 2000 lm] |
| Light source replaceable | No |
| Number of gear units | 3 units |
| Driver included | Yes |
| Remarks | *- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value. |
| Product family code | GD613B [StoreFlux3] |
| Lighting Technology | LED |
| Value ladder | Specification |

| | |
|---|---|
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | For mounting on normally flammable surfaces |
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 650 °C, duration 5 s |
| EU RoHS compliant | Yes |

### Light Technical

| | |
|---|---|
| Luminous Flux | 2,000 lm |
| Correlated Colour Temperature | 3000 K |
| Luminous efficacy (rated) (nom.) | 95 lm/W |
| Colour rendering index (CRI) | ≥80 |
| Beam angle of light source | 120 degree(s) |
| Light source colour | 830 warm white |

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| Optic type | Narrow beam |
|---|---|
| Optical cover type | Clear glass |
| Luminaire light beam spread | 10° |

## Operating and Electrical

| | |
|---|---|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 6.1 A |
| Inrush time | 0.31 ms |
| Power Consumption | 21 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector and pull relief |
| Cable | – |
| Number of products on MCB of 16 A type B | 34 |

## Temperature

| | |
|---|---|
| Ambient temperature range | +10 to +40 °C |

## Controls and Dimming

| | |
|---|---|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit external (On/Off) |
| Control interface | – |
| Constant light output | No |

## Mechanical and Housing

| | |
|---|---|
| Housing material | Steel |
| Reflector material | Polycarbonate |
| Optic material | Polycarbonate |
| Optical cover/lens material | Glass |
| Fixation material | Steel |
| Housing Colour | White and white |
| Optical cover/lens finish | Clear |

| Overall length | 441 mm |
|---|---|
| Overall width | 147 mm |
| Overall height | 165 mm |
| Dimensions (height x width x depth) | 165 x 147 x 441 mm |

## Approval and Application

| | |
|---|---|
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Protection class IEC | Safety class II |

## Initial Performance (IEC Compliant)

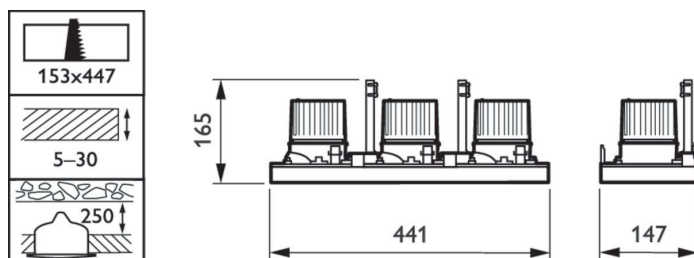| | |
|---|---|
| Luminous flux tolerance | +/–10% |
| Initial chromaticity | (0.43, 0.40) SDCM <3 |
| Power consumption tolerance | +/–10% |

## Application Conditions

| | |
|---|---|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | Not applicable |
| Suitable for random switching | No |

## Product Data

| | |
|---|---|
| Order product name | GD613B LED20S/830 PSU-E NB WH-WH |
| Full product name | GD613B LED20S/830 PSU-E NB WH-WH |
| Full EOC | 871869691074000 |
| Order code | 91074000 |
| Material no. (12 NC) | 910500458458 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC — Product/Case | 8718696910740 |
| Numerator – packs per outer box | 1 |
| EAN/UPC – Case | 8718696910740 |

## Dimensional drawing

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