



StoreFlux gen3 rimless

GD612B LED12S/830 PSU-E MB WH-WH

StoreFlux3, LED module, system flux 1200 lm, 830 warm white, Power supply unit external (On/Off), Medium 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 | | Value ladder | Specification |
|--------------------------|---|----------------------------------|---|
| Lamp family code | LED12S [LED module, system flux 1200 lm] | CE mark | Yes |
| Light source replaceable | No | Warranty period | 5 years |
| Number of gear units | 2 units | Flammability mark | For mounting on normally flammable surfaces |
| Driver included | Yes | ENEC mark | ENEC mark |
| 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. | Glow-wire test | Temperature 650 °C, duration 5 s |
| Product family code | GD612B [StoreFlux3] | EU RoHS compliant | Yes |
| Lighting Technology | LED | Light Technical | |
| | | Luminous Flux | 2,400 lm |
| | | Correlated Colour Temperature | 3000 K |
| | | Luminous efficacy (rated) (nom.) | 120 lm/W |
| | | Colour rendering index (CRI) | ≥80 |
| | | Beam angle of light source | 120 degree(s) |

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| | |
|-----------------------------|-----------------|
| Light source colour | 830 warm white |
| Optic type | Medium beam |
| Optical cover type | Acrylic toothed |
| Luminaire light beam spread | 22° |
| Unified Glare Rating (CEN) | Not applicable |

Operating and Electrical

| | |
|--|-----------------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 18 A |
| Inrush time | 0.25 ms |
| Power Consumption | 10.2 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 | Polycarbonate |
| Fixation material | Steel |
| Housing Colour | White and white |
| Optical cover/lens finish | Clear |
| Overall length | 294 mm |
| Overall width | 147 mm |

| | |
|-------------------------------------|--------------------|
| Overall height | 165 mm |
| Dimensions (height x width x depth) | 165 x 147 x 294 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% |

Over Time Performance (IEC Compliant)

| | |
|--|-----|
| Control gear failure rate at median useful life 50,000 h | 5 % |
| Lumen maintenance at median useful life* 50,000 h | L80 |

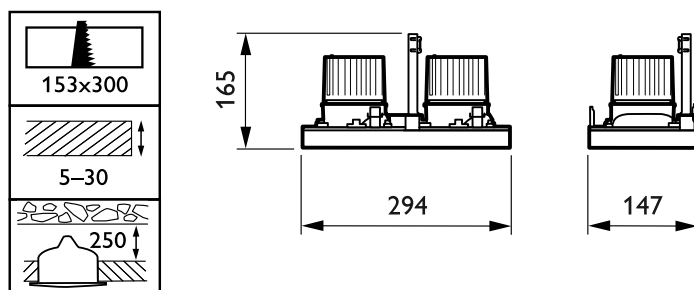
Application Conditions

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

Product Data

| | |
|-----------------------------------|----------------------------------|
| Order product name | GD612B LED12S/830 PSU-E MB WH-WH |
| Full product name | GD612B LED12S/830 PSU-E MB WH-WH |
| Full EOC | 871869691068900 |
| Order code | 91068900 |
| Material no. (12 NC) | 910500458452 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8718696910689 |
| Numerator – packs per outer box | 1 |
| EAN/UPC – Case | 8718696910689 |

Dimensional drawing



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