



StoreFlux gen3 rim

GD603B 39S/830 PSU-E MB CP WH

StoreFlux3, LED Module, system flux 3900 lm, 830 warm white, Power supply unit external (On/Off), Medium beam, White and white

With StoreFlux, retailers can enjoy the superior quality of light and market-leading energy efficiency of PerfectAccent optics in a refined and neutral product design that nicely blends in store architecture. The StoreFlux gridlight can be equipped with up to three LED modules with PerfectAccent reflector system to deliver top-quality accent lighting that makes your shop and merchandise look great. StoreFlux, next to long service lifetime, also offers tool-free reflector replacement and easy access to driver for hassle free maintenance.

Warnings and Safety

- The luminaire should be mounted outside of arm's reach. Manipulating the product when hot is only possible with an insulated glove
- The luminaire should be installed and disassembled by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements
- All photometrical data is calculated without optional front glass. Flux should be reduced by 3.5% when using a front glass
- In case of no front glass lens, cleaning of the optic should only be done with pressurized air. Touching the LED or reflector is forbidden. For areas with high levels of dust, the use of the optional front glass is strongly advised, as it can then be easily cleaned with a (dry) microfiber cloth
- For multi-spot configurations, please use single configuration photometry and duplicate it as per the number of spots in given configuration.

Product data

| General Information | | Number of gear units | |
|--------------------------|--|----------------------|---------|
| Lamp family code | LED39S [LED Module, system flux 3900 lm] | Driver included | 3 units |
| Light source replaceable | No | | Yes |

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| | |
|---------------------|---|
| Remarks | *-Per Lighting Europe guidance paper “Evaluating performance of LED based luminaires - January 2018”: statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. |
| Service tag | Yes |
| Product family code | GD603B [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 | 11,700 lm |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 123.80952380952381 lm/W |
| Color rendering index (CRI) | ≥80 |
| Number of light sources | 3 |
| Beam angle of light source | 120 degree(s) |
| Light source color | 830 warm white |
| Optic type | Medium beam |
| Optical cover type | Acrylic toothed |
| Luminaire light beam spread | 28° |
| Unified glare rating CEN | Not applicable |

Operating and Electrical

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|--|-----------------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 18 A |
| Inrush time | 0.25 ms |
| Power Consumption | 32 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 material | Polycarbonate |
| Fixation material | Steel |
| Housing Color | White and white |
| Optical cover finish | Clear |
| Overall length | 473 mm |
| Overall width | 179 mm |
| Overall height | 165 mm |
| Dimensions (Height x Width x Depth) | 165 x 179 x 473 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)

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

Over Time Performance (IEC Compliant)

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|---|-----|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h | L80 |

Application Conditions

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

Product Data

| | |
|---------------------------------|-------------------------------|
| Order product name | GD603B 39S/830 PSU-E MB CP WH |
| Full product name | GD603B 39S/830 PSU-E MB CP WH |
| Full product code | 871869688428700 |
| Order code | 910500458299 |
| Material Nr. (12NC) | 910500458299 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696884287 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718696884287 |

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Dimensional drawing

