



# StoreFlux – powerful LED accent lighting that blends perfectly in the store architecture

## StoreFlux gen3 rim

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.

### Benefits

- High-quality accent lighting thanks to PerfectAccent reflector's light signature
- Short payback compared with CDM luminaires due to high system efficacy
- Efficient and low-maintenance thanks to LED technology

### Features

- Multiple accent light sources in one luminaire (1, 2, 3 or 4 LED modules)
- High lumen packages: up to 3900 lm per module (up to 3 head version)
- Rim version; rimless variant available; different RAL color combinations possible
- Ease of installation and maintenance (separate installation frame; replaceable LED light engines and reflectors)

### Application

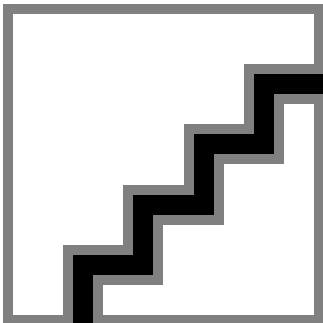
- Retail; fashion
- Hospitality

# StoreFlux gen3 rim

## Specifications

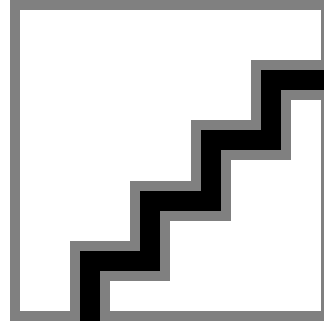
|  |  |  |   |                   |
|--|--|--|---|-------------------|
| <b>Type</b>                                | GD601B (rim, 1 head version)             | <b>Median useful life</b><br><b>L80B50</b> | 50,000 hours  |                   |
|  | GD602B (rim, 2 head version)             |  |   |                   |
|  | GD603B (rim, 3 head version)             |  |   |                   |
|  | GD604B (rim, 4 head in a row version)    |  |   |                   |
|  | GD605B (rim, 4 head in a square version) |  |   |                   |
| <b>Light source</b>                        | Non-replaceable LED module               | <b>Median useful life</b><br><b>L90B50</b> | 25,000 hours  |                   |
| <b>Power (per head)</b>                    | LED11S: 16.5 W                           |  | <b>Driver failure rate</b>  | 1% per 5000 hours |
|  | LED12S: 12.5 W                           |  |   |                   |
|  | LED20S: 20 W                             |  |   |                   |
|  | LED17S: 16 W                             |  |   |                   |
|  | LED27S: 25 W                             |  |   |                   |
|  | LED39S: 39 W                             |  |   |                   |
| <b>Beam angle</b>                          | LED12S/17S/27S/39S: 29 and 35°,          | <b>Average ambient temperature</b>         | +25 °C  |                   |
|  | LED11S/20S: 10°                          |  |   |                   |
| <b>Luminous flux (at 3000 K)</b>           | LED11S: 1100 lm                          | <b>Operating temperature range</b>         | +10 to +35 °C   |                   |
|  | LED12S: 1200 lm                          |  |   |                   |
|  | LED20S: 2000 lm                          |  |   |                   |
|  | LED17S: 1700 lm                          |  |   |                   |
|  | LED27S: 2700 lm                          |  |   |                   |
|  | LED39S: 3900 lm                          |  |   |                   |
| <b>Correlated Color Temperature</b>        | 2700, 3000 or 4000 K and CrispWhite      | <b>Driver</b>                              | Separate  |                   |
| <b>Color Rendering Index</b>               | 80                                       | <b>Mains voltage</b>                       | 230 or 240 V / 50-60 Hz   |                   |
|  | 90 (light color 930)                     | <b>Dimming</b>                             | DALI  |                   |
|  | >95 (CRW)                                | <b>Material</b>                            | Housing: aluminum, steel<br>Front glass: acrylic  |                   |
| <b>Median useful life</b><br><b>L70B50</b> | 70,000 hours                             | <b>Color</b>                               | White (WH-WH)<br>Housing, heads and rim can have different color combinations (WH-WH, BK-BK, GR-BK, WH-BK)  |                   |
|  |  | <b>Optical cover</b>                       | Acrylic   |                   |
|  |  | <b>Connection</b>                          | Push-in connector; 3-pole push-in with loop-through (CU3); 5-pole push-in with loop-through (CU5)   |                   |
|  |  | <b>Cable options</b>                       | 0.5 m cable with 3-pole Wieland / Adels plug (CW); 0.5 m cable with 3-pole Wieland / Adels plug & lock (CW-L); 1 m cable with external BST14 DALI connector (C1KBST2) |                   |
|  |  | <b>Maintenance</b>                         | Replaceable light engines and driver  |                   |
|  |  | <b>Installation</b>                        | Fixation by means of spring fasteners   |                   |
|  |  | <b>Remarks:</b>                            | Optical unit tiltable over 30°<br>360° rotation of the optical unit   |                   |

## Versions

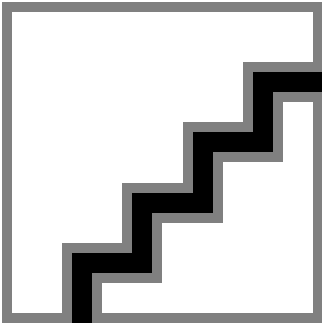


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## Product details



IPDP\_GD601Bi\_0003-Detail photo



IPDP\_GD601Bi\_0005-Detail photo

## Application Conditions

|                               |                |
|-------------------------------|----------------|
| Ambient temperature range     | +10 to +40 °C  |
| Maximum dim level             | Not applicable |
| Suitable for random switching | No             |

## Approval and Application

|                              |      |
|------------------------------|------|
| Mech. impact protection code | IK02 |
| Ingress protection code      | IP20 |

## Controls and Dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

## Operating and Electrical

|               |              |
|---------------|--------------|
| Input Voltage | 220 to 240 V |
|---------------|--------------|

## General Information

|                            |                                  |
|----------------------------|----------------------------------|
| Beam angle of light source | 120 °                            |
| CE mark                    | CE mark                          |
| Protection class IEC       | Safety class II                  |
| Driver included            | Yes                              |
| ENEC mark                  | ENEC mark                        |
| Flammability mark          | F                                |
| Glow-wire test             | Temperature 650 °C, duration 5 s |
| Light source replaceable   | No                               |

## Initial Performance (IEC Compliant)

|                                |                         |
|--------------------------------|-------------------------|
| Initial chromaticity           | (0.43, 0.40) SDCM<br><3 |
| Init. Corr. Colour Temperature | 3000 K                  |
| Init. Colour Rendering Index   | ≥80                     |
| Luminous flux tolerance        | +/-10%                  |

## Mechanical and Housing

|        |                 |
|--------|-----------------|
| Colour | White and white |
|--------|-----------------|

## General Information (1/2)

| Order Code | Full Product Name                | Optical         |                  |                      |                         |
|------------|----------------------------------|-----------------|------------------|----------------------|-------------------------|
|            |                                  | cover/lens type | Lamp family code | Number of gear units | Number of light sources |
| 88114900   | GD601B LED17S/830 PSU-E MB WH-WH | ACT             | LED17S           | 1 unit               | 1                       |
| 88115600   | GD601B LED27S/830 PSU-E MB WH-WH | ACT             | LED27S           | 1 unit               | 1                       |
| 88116300   | GD601B LED39S/830 PSU-E MB WH-WH | ACT             | LED39S           | 1 unit               | 1                       |
| 88420100   | GD601B LED12S/830 PSU-E MB WH-WH | ACT             | LED12S           | 1 unit               | 1                       |
| 88421800   | GD601B LED20S/830 PSU-E NB WH-WH | GC              | LED20S           | 1 unit               | 1                       |
| 88117000   | GD602B LED17S/830 PSU-E MB WH-WH | ACT             | LED17S           | 2 units              | 2                       |
| 88118700   | GD602B LED27S/830 PSU-E MB WH-WH | ACT             | LED27S           | 2 units              | 2                       |
| 88119400   | GD602B LED39S/830 PSU-E MB WH-WH | ACT             | LED39S           | 2 units              | 2                       |
| 88422500   | GD602B LED12S/830 PSU-E MB WH-WH | ACT             | LED12S           | 2 units              | 2                       |
| 88423200   | GD602B LED20S/830 PSU-E NB WH-WH | GC              | LED20S           | 2 units              | 2                       |
| 88425600   | GD603B LED17S/830 PSU-E MB WH-WH | ACT             | LED17S           | 3 unit               | 3                       |
| 88427000   | GD603B LED27S/830 PSU-E MB WH-WH | ACT             | LED27S           | 3 unit               | 3                       |
| 88428700   | GD603B LED39S/830 PSU-E MB WH-WH | ACT             | LED39S           | 3 unit               | 3                       |

## General Information (2/2)

| Order Code | Full Product Name                | Optic type | Product Family |      | Order Code | Full Product Name                | Optic type | Product Family |      |
|------------|----------------------------------|------------|----------------|------|------------|----------------------------------|------------|----------------|------|
|            |                                  |            | Code           | Code |            |                                  |            | Code           | Code |
| 88114900   | GD601B LED17S/830 PSU-E MB WH-WH | MB         | GD601B         |      | 88119400   | GD602B LED39S/830 PSU-E MB WH-WH | MB         | GD602B         |      |
| 88115600   | GD601B LED27S/830 PSU-E MB WH-WH | MB         | GD601B         |      | 88422500   | GD602B LED12S/830 PSU-E MB WH-WH | MB         | GD602B         |      |
| 88116300   | GD601B LED39S/830 PSU-E MB WH-WH | MB         | GD601B         |      | 88423200   | GD602B LED20S/830 PSU-E NB WH-WH | NB         | GD602B         |      |
| 88420100   | GD601B LED12S/830 PSU-E MB WH-WH | MB         | GD601B         |      | 88425600   | GD603B LED17S/830 PSU-E MB WH-WH | MB         | GD603B         |      |
| 88421800   | GD601B LED20S/830 PSU-E NB WH-WH | NB         | GD601B         |      | 88427000   | GD603B LED27S/830 PSU-E MB WH-WH | MB         | GD603B         |      |
| 88117000   | GD602B LED17S/830 PSU-E MB WH-WH | MB         | GD602B         |      | 88428700   | GD603B LED39S/830 PSU-E MB WH-WH | MB         | GD603B         |      |
| 88118700   | GD602B LED27S/830 PSU-E MB WH-WH | MB         | GD602B         |      |            |                                  |            |                |      |

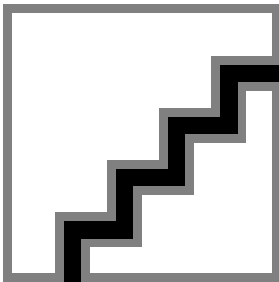
## Initial Performance (IEC Compliant)

## StoreFlux gen3 rim

| Order Code | Full Product Name                | Initial LED luminaire efficacy | Initial luminous flux | Initial input power |
|------------|----------------------------------|--------------------------------|-----------------------|---------------------|
| 88114900   | GD601B LED17S/830 PSU-E MB WH-WH | 118.05555555555556 lm/W        | 1700 lm               | 14.4 W              |
| 88115600   | GD601B LED27S/830 PSU-E MB WH-WH | 120 lm/W                       | 2700 lm               | 22.5 W              |
| 88116300   | GD601B LED39S/830 PSU-E MB WH-WH | 123.80952380952381 lm/W        | 3900 lm               | 31.5 W              |
| 88420100   | GD601B LED12S/830 PSU-E MB WH-WH | 120 lm/W                       | 1200 lm               | 10 W                |
| 88421800   | GD601B LED20S/830 PSU-E NB WH-WH | 102.0408163265306 lm/W         | 2000 lm               | 19.6 W              |
| 88117000   | GD602B LED17S/830 PSU-E MB WH-WH | 118.05555555555556 lm/W        | 3400 lm               | 13.8 W              |
| 88118700   | GD602B LED27S/830 PSU-E MB WH-WH | 120 lm/W                       | 5400 lm               | 23.5 W              |
| 88119400   | GD602B LED39S/830 PSU-E MB WH-WH | 123.80952380952381 lm/W        | 7800 lm               | 32 W                |

| Order Code | Full Product Name                | Initial LED luminaire efficacy | Initial luminous flux | Initial input power |
|------------|----------------------------------|--------------------------------|-----------------------|---------------------|
| 88422500   | GD602B LED12S/830 PSU-E MB WH-WH | 120 lm/W                       | 2400 lm               | 10.2 W              |
| 88423200   | GD602B LED20S/830 PSU-E NB WH-WH | 102.0408163265306 lm/W         | 4000 lm               | 21 W                |
| 88425600   | GD603B LED17S/830 PSU-E MB WH-WH | 118.05555555555556 lm/W        | 5100 lm               | 13.8 W              |
| 88427000   | GD603B LED27S/830 PSU-E MB WH-WH | 120 lm/W                       | 8100 lm               | 23.5 W              |
| 88428700   | GD603B LED39S/830 PSU-E MB WH-WH | 123.80952380952381 lm/W        | 11700 lm              | 32 W                |

### Polar Wide Diagrams



IFPS\_GD601B 1xLED12S/827 MB-Polar Normal (separate)

