



GreenSpace Accent Gridlight

GD301B LED27S/830 PSU-E MB II WH

GreenSpace Accent Gridlight, LED Module, system flux 2700 lm, 23.5 W, 830 warm white, Power supply unit external (On/Off), Beam angle 24°, Safety class II, White

Thanks to the GreenSpace Accent family, retailers and building operators can now make the switch from CDM to LED lighting and enjoy significant energy savings for a reasonable initial investment. The GreenSpace Accent Gridlight has regular cut-out and specific lumen packages to make retrofit installation quick and easy. Furthermore, the gridlight products offer multiple system integration and dimming options, including wired as well as wireless. For fashion and food retailers, every GreenSpace Accent Gridlight is available with special LED flavors and fresh food LED lighting recipes to show the merchandise in the very best light. Check out our Fashion and Food catalog pages to find out more about PremiumWhite, PremiumColor, Fresh Meat, Rosé, Frost and Champagne.

Warnings and Safety

- · During maintenance, the product must be switched off and cooled down
- The product must be installed out of arm's reach. Manipulating the product when hot is only possible with an insulated glove

Product data

| General Information | |
|--------------------------|--|
| Lamp family code | LED27S [LED Module, system flux 2700 lm] |
| Cap-Base | - [-] |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Gear | - |

| Driver included | Yes | |
|-----------------|---|--|
| 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 | |

Datasheet, 2023, December 5 data subject to change

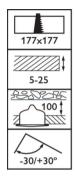
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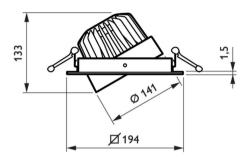
| | B10. Therefore, the median useful life (B50) | Mechanical and Housing | |
|--|--|--|---------|
| | value also represents the B10 value. | Housing Material | Alumir |
| Service tag | Yes | Reflector material | Polyca |
| Product family code | GD301B [GreenSpace Accent Gridlight] | Optic material | Polyca |
| Lighting Technology | LED | Optical cover material | Polyca |
| Value ladder | Performance | Fixation material | Polyar |
| CE mark | Yes | Housing Color | White |
| Warranty period | 5 years | Optical cover finish | Froste |
| Flammability mark | For mounting on normally flammable | Overall length | 194 mr |
| | surfaces | Overall width | 194 mr |
| ENEC mark | ENEC mark | Overall height | 100 mi |
| Glow-wire test | Temperature 650 °C, duration 30 s | Dimensions (Height x Width x Depth) | 100 x 1 |
| EU RoHS compliant | Yes | | |
| | | Approval and Application | |
| Light Technical | | Ingress protection code | IP20 [F |
| Luminous Flux | 2,700 lm | Mech. impact protection code | IK02 [0 |
| Correlated Color Temperature (Nom) | 3000 K | Protection class IEC | Safety |
| Luminous Efficacy (rated) (Nom) | 114.8936170212766 lm/W | | |
| Color rendering index (CRI) | ≥80 | Initial Performance (IEC Compliant) |) |
| Number of light sources | 1 | Luminous flux tolerance | +/-10% |
| Beam angle of light source | 120 degree(s) | Initial chromaticity | (0.43,0 |
| Light source color | 830 warm white | Power consumption tolerance | +/-10% |
| Optic type | Beam angle 24° | | |
| Optical cover type | Polycarbonate bowl/cover | Over Time Performance (IEC Compl | liant) |
| Luminaire light beam spread | 24° | Control gear failure rate at median useful | 1 5 % |
| | | life 50000 h | |
| Operating and Electrical | | Lumen maintenance at median useful | L80 |
| Input Voltage | 220-240 V | life* 50000 h | |
| Line Frequency | 50 to 60 Hz | | |
| Inrush current | 18.6 A | Application Conditions | |
| Inrush time | 0.240 ms | Performance ambient temperature Tq | 25 °C |
| Power Consumption | 23.5 W | Suitable for random switching | Yes |
| Power Factor (Fraction) | 0.9 | | |
| Connection | Push-in connector and pull relief | Product Data | |
| Cable | - | Order product name | GD301 |
| Number of products on MCB of 16 A type | 34 | Full product name | GD301 |
| В | | Full product code | 871869 |
| | | Order code | 91050 |
| Temperature | | Material Nr. (12NC) | 91050 |
| Ambient temperature range | +10 to +40 °C | Numerator - Quantity Per Pack | 1 |
| | | EAN/UPC - Product/Case | 871869 |
| Controls and Dimming | | Numerator - Packs per outer box | 1 |
| Dimmable | No | EAN/UPC - Case | 871869 |
| Driver/power unit/transformer | Power supply unit external (On/Off) | | |
| Constant light output | No | | |

| Mechanical and Housing | |
|--|---|
| Housing Material | Aluminum |
| Reflector material | Polycarbonate aluminum coated |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | Polyamide |
| Housing Color | White |
| Optical cover finish | Frosted |
| Overall length | 194 mm |
| Overall width | 194 mm |
| Overall height | 100 mm |
| Dimensions (Height x Width x Depth) | 100 x 194 x 194 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 Comp | liant) |
| Control gear failure rate at median useful | . 5% |
| life 50000 h | |
| Lumen maintenance at median useful | L80 |
| life* 50000 h | |
| | |
| Application Conditions | |
| Performance ambient temperature Tq | 25 °C |
| | |
| Suitable for random switching | Yes |
| Suitable for random switching | |
| Suitable for random switching Product Data | |
| | |
| Product Data | Yes |
| Product Data Order product name | Yes GD301B LED27S/830 PSU-E MB II WH |
| Product Data Order product name Full product name | GD301B LED27S/830 PSU-E MB II WH GD301B LED27S/830 PSU-E MB II WH |
| Product Data Order product name Full product name Full product code | GD301B LED27S/830 PSU-E MB II WH GD301B LED27S/830 PSU-E MB II WH 871869907621400 |
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Dimensional drawing







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