



# GreenSpace Accent Gridlight

**GD302B 27S/830 PSU-E MB CP WH**

GD302B | GreenSpace Accent Gridlight - 830 warm white -  
Power supply unit external (ON/OFF) - Medium beam - - -  
Safety class II

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      |         |                     |   |
|--------------------------|---------|---------------------|---|
| Light source replaceable | No      | Flammability mark   | For mounting on normally flammable surfaces |
| CE mark                  | Yes     | Glow-wire test      | Temperature 650 °C, duration 30 s           |
| Number of gear units     | 2 units | Warranty period     | 5 years                                     |
| Driver included          | Yes     | Product family code | GD302B [GreenSpace Accent Gridlight]        |
|                          |         | Lighting Technology | LED   |

# GreenSpace Accent Gridlight

|                   |             |
|-------------------|-------------|
| ENEC mark         | ENEC mark   |
| EU RoHS compliant | Yes         |
| Value ladder      | Performance |

## Application Conditions

|                                    |                |
|------------------------------------|----------------|
| Maximum dim level                  | Not applicable |
| Performance ambient temperature Tq | 25 °C          |
| Suitable for random switching      | Yes            |

## Light Technical

|                                    |                |
|------------------------------------|----------------|
| Luminous Flux                      | 5,400 lumen    |
| Saturated Red (R9)                 | >50            |
| Correlated Color Temperature (Nom) | 3000 K         |
| Luminous Efficacy (rated) (Nom)    | 115 lm/W       |
| Color rendering index (CRI)        | ≥80            |
| Beam angle of light source         | 120 degree(s)  |
| Light source color                 | 830 warm white |
| Optic type                         | Medium beam    |
| Luminaire light beam spread        | 24°            |
| Unified glare rating CEN           | Not applicable |

## Operating and Electrical

|  |                                   |
|--|-----------------------------------|
| Line Frequency                           | 50 to 60 Hz                       |
| Input Voltage                            | 220 to 240 V                      |
| Initial CLO power consumption            | - W W                             |
| Average CLO power consumption            | - W                               |
| Inrush current                           | 12.8 A                            |
| Inrush time                              | 208 ms                            |
| Power Consumption                        | 47 W                              |
| Power Factor (Fraction)                  | 0.9                               |
| Connection                               | Push-in connector and pull relief |
| Cable                                    | -                                 |
| Number of products on MCB of 16 A type B | 50                                |

## Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | +10 to +25 °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                    | Aluminum die cast             |
| Reflector material                  | Polycarbonate aluminum coated |
| Optic material                      | Polycarbonate                 |
| Optical cover/lens material         | Polymethyl methacrylate       |
| Fixation material                   | -                             |
| Housing Color                       | White RAL 9003                |
| Optical cover/lens finish           | Clear                         |
| Overall length                      | 366 mm                        |
| Overall width                       | 194 mm                        |
| Overall height                      | 100 mm                        |
| Dimensions (Height x Width x Depth) | 100 x 194 x 366 mm            |

## Approval and Application

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

## Initial Performance (IEC Compliant)

|                             |                        |
|-----------------------------|------------------------|
| Initial chromaticity        | (0.434, 0.403) SDCM <3 |
| Luminous flux tolerance     | +/-10%                 |
| Power consumption tolerance | +/-10%                 |

## Over Time Performance (IEC Compliant)

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

## Product Data

|                                 |                               |
|---------------------------------|-------------------------------|
| Full product code               | 871869997823500               |
| Order product name              | GD302B 27S/830 PSU-E MB CP WH |
| Order code                      | 910505101509                  |
| Numerator - Quantity Per Pack   | 1                             |
| Numerator - Packs per outer box | 1                             |
| Material Nr. (12NC)             | 910505101509                  |
| Full product name               | GD302B 27S/830 PSU-E MB CP WH |
| EAN/UPC - Case                  | 8718699978235                 |

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### Dimensional drawing

