

## PL-BAR-G3 3000-850 280X55

PrevaLED Bar G3 | Area and Bar Light Engines



### Product family features

- Module efficacy: up to 171 lm/W
- Average lifetime (L80 B10): 50,000 h (temperature at  $T_c = 55^\circ\text{C}$ )
- Available module length: 1 ft/280 mm or 2 ft/560mm
- Available with luminous flux: 1,156 lm, 2,312 lm and 3,572 lm
- Available with color temperature: 3,000 K, 4,000 K
- High initial color consistency:  $\leq 3$  SDCM
- CE marked

### Product family benefits

- 3-row LED module suitable for 3 x 11 optics
- Cut out area for shadow-free wiring
- Push-in connector for automated wiring

### Areas of application

- Retail
- Supermarkets
- Industry



Technical data

Electrical data

|                 |        |
|-----------------|--------|
| Nominal voltage | 33.3 V |
| Nominal current | 0.7 A  |
| Type of current | DC     |

Photometrical data

|                          |          |
|--------------------------|----------|
| Luminous efficacy        | 153 lm/W |
| Color rendering index Ra | 80       |

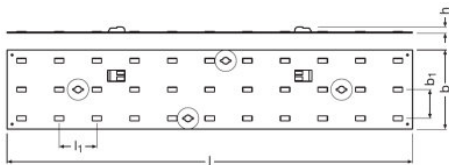
Light technical data

|                     |          |
|---------------------|----------|
| Starting time       | < 0.1 s  |
| Warm-up time (60 %) | < 2.00 s |

LED module information

|                           |    |
|---------------------------|----|
| Number of LEDs per module | 33 |
|---------------------------|----|

Dimensions & weight



|                |          |
|----------------|----------|
| Product weight | 50.30 g  |
| Length         | 280.0 mm |
| Width          | 55.0 mm  |
| Height         | 5.00 mm  |

Temperatures & operating conditions

|  |             |
|--|-------------|
| Performance temp. acc. to IEC 62717        | 55 °C       |
| Temperature range in operation at Tc point | -20...75 °C |
| Maximum temperature at tc test point       | 75 °C       |
| Temperature range at storage               | -30...85 °C |

Product datasheet

Lifespan

|                            |        |
|----------------------------|--------|
| Number of switching cycles | 100000 |
|----------------------------|--------|

Certificates & standards

|           |         |
|-----------|---------|
| Standards | CE/ENEC |
|-----------|---------|

Logistical data

|                |             |
|----------------|-------------|
| Commodity code | 85414100000 |
|----------------|-------------|



Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                                    |
|---|------------------------------------|
| Date of Declaration   | 18-04-2022                         |
| Primary Article Identifier  | 4052899999466                      |
| Candidate List Substance 1  | No declarable substances contained |
| Declaration No. in SCIP database                                      | No declarable substances contained |



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Download Data

| File  |   |
|---|---|
|  | Certificates<br>PL ENEC 40031612 250723                   |
|  | Declarations of conformity<br>PL BAR G3 CE 3713512 160623 |

# Product datasheet

## Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

## Logistical Data

| Product code  | Product description       | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume                | Gross weight |
|---------------|---------------------------|------------------------------|--------------------------------------|-----------------------|--------------|
| 4052899999466 | PL-BAR-G3 3000-850 280X55 | Shipping carton box 60       | 300 mm x 306 mm x 225 mm             | 20.66 dm <sup>3</sup> | 3288.00 g    |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

## Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.