

## PRODUCT DATASHEET

### LED Power Batten 1200 mm 50 W 3000 K

LED POWER BATTEN | LED batten luminaires with high luminous efficacy



#### Areas of application

- Indoor applications
- Ceiling and wall surface mounting
- Kitchens, workspaces
- Corridors, stairwells, basements
- General indoor illumination
- Workshops

#### Product benefits

- High brightness at low power consumption
- High energy savings compared to luminaires that use conventional light sources
- Functional and minimalistic design
- Easy installation, no tools required for connection

#### Product features

- Replacement for traditional T8 luminaires
- Wall and ceiling batten luminaire
- Housing material: sheet steel
- Diffuser made of opal polycarbonate
- Lifetime up to 25,000 h
- Luminous flux up to 5100 lm



- High luminous efficacy: up to 110 lm/W
- Lengths available: 0.6 m, 1.2 m
- Color temperature: 3,000 K, 4,000 K

TECHNICAL DATA

Electrical data

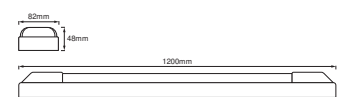
|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 50.00 W       |
| Nominal voltage                                             | 220...240 V   |
| Mains frequency                                             | 50...60 Hz    |
| Nominal current                                             | 255.000 mA    |
| Max. number of luminaires per miniature circuit breaker B16 | 45            |
| Max. number of luminaires per miniature circuit breaker C16 | 16            |
| Power factor $\lambda$                                      | > 0.90        |
| Total harmonic distortion                                   | 10 %          |
| Protection class                                            | I             |
| Operating mode                                              | Mains voltage |

Photometrical data

|                                              |                      |
|----------------------------------------------|----------------------|
| Luminous flux                                | 4845 lm              |
| Luminous efficacy                            | 97 lm/W              |
| Color temperature                            | 3000 K               |
| Light color (designation)                    | Warm White           |
| Color rendering index Ra                     | $\geq 80$            |
| Standard deviation of color matching         | < 6 sdc <sub>m</sub> |
| Photobiological safety group acc. to EN62778 | RG1                  |
| Beam angle                                   | 110 °                |

Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 1200.00 mm |
| Width          | 82.00 mm   |
| Height         | 48.00 mm   |
| Product weight | 985.00 g   |



LED POWER BATTEN 1.2 48W

Materials & Colors

|                 |                    |
|-----------------|--------------------|
| Product color   | White              |
| Housing color   | White              |
| Body material   | Steel              |
| Cover material  | Polycarbonate (PC) |
| Mercury content | 0.0 mg             |

### Application & Mounting

|                                        |                   |
|----------------------------------------|-------------------|
| Ambient temperature range              | -20...+40 °C      |
| Type of connection                     | Push fit terminal |
| Type of protection                     | IP20              |
| Protection class IK (shock resistance) | IK03              |
| Dimmable                               | No                |
| Mounting type                          | Surface           |
| Application environment                | Indoor            |
| With light source                      | Yes               |
| Replaceable light source               | No                |

### Lifespan

|                            |       |
|----------------------------|-------|
| Number of switching cycles | 12500 |
|----------------------------|-------|

### Certificates & Standards

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Standards                                            | CE / UKCA / EAC |
| Luminaire with limited surface temperature, "D sign" | No              |

## EQUIPMENT / ACCESSORIES

- Mounting bracket included

### Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

## DOWNLOAD DATA

| Documents and certificates                                                       |                                        | Document name                   |
|----------------------------------------------------------------------------------|----------------------------------------|---------------------------------|
|  | User instruction / safety instructions | LED POWER BATTEN                |
|  | Legal information                      | Safety insert G11219578         |
|  | Declarations of conformity             | CE Declaration LED Power Batten |
|  | Declarations of conformity UKCA        | Fixed LUM                       |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854536946 | Folding box<br>1             | 55 mm x 92 mm x 1,275 mm             | 1227.00 g    | 6.45 dm <sup>3</sup>  |
| 4099854536953 | Shipping box<br>8            | 1,290 mm x 205 mm x 255 mm           | 10970.00 g   | 67.43 dm <sup>3</sup> |

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.