

# PRODUCT DATASHEET

## LED Batten 120cm 16W 840 G13 T8

LED Batten Tube | Batten with cover and included replaceable LED tube



### Areas of application

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

### Product benefits

- Very sustainable thanks to replaceable LED tube
- Cover ensures uniform light distribution
- Handy switch directly installed on the luminaire
- Flexible application due to a wide range of available lengths of 600 mm to 1500 mm

### Product features

- Replacement for traditional T8 luminaires
- Wall and ceiling batten luminaire
- Lengths available: 0.6 m, 1.2 m, 1.5 m



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**TECHNICAL DATA****Electrical data**

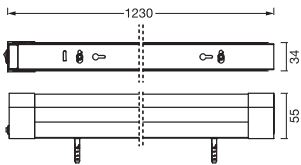
|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 16.00 W       |
| Nominal voltage                                             | 220...240 V   |
| Mains frequency                                             | 50...60 Hz    |
| Nominal current                                             | 130.000 mA    |
| Inrush current                                              | 0.125 A       |
| Inrush current time $T_{h50}$                               | 1.1 $\mu$ s   |
| Max. number of luminaires per miniature circuit breaker B16 | 60            |
| Max. number of luminaires per miniature circuit breaker C10 | 48            |
| Max. number of luminaires per miniature circuit breaker C16 | 76            |
| Power factor $\lambda$                                      | > 0.5         |
| Total harmonic distortion                                   | 150 %         |
| Protection class                                            | II            |
| Operating mode                                              | Mains voltage |

**Photometrical data**

|                                                |            |
|------------------------------------------------|------------|
| Luminous flux                                  | 1500 lm    |
| Total luminous flux of contained light sources | 1800 lm    |
| Luminous efficacy                              | 93.8 lm/W  |
| Color temperature                              | 4000 K     |
| Light color (designation)                      | Cool White |
| Color rendering index Ra                       | $\geq 80$  |
| Standard deviation of color matching           | < 6 sdcm   |
| Flickering metric (Pst LM)                     | < 5 %      |
| Stroboscope effect metric (SVM)                | 0,4        |
| Photobiological safety group acc. to EN62778   | RG0        |

**Dimensions & Weight**

|                |            |
|----------------|------------|
| Length         | 1230.00 mm |
| Width          | 34.00 mm   |
| Height         | 55.00 mm   |
| Product weight | 600.00 g   |



LED BATTEN 120CM 16W 840  
G13 T8

Materials & Colors

|                                            |                    |
|--------------------------------------------|--------------------|
| Product color                              | White              |
| Housing color                              | White              |
| Body material                              | Metal              |
| Cover material                             | Polycarbonate (PC) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C             |

Application & Mounting

|                           |                         |
|---------------------------|-------------------------|
| Ambient temperature range | -20...+40 °C            |
| Type of connection        | Terminal, 2-Pole (L, N) |
| Type of protection        | IP20                    |
| Dimmable                  | No                      |
| Mounting type             | Surface                 |
| Mounting location         | Ceiling                 |
| With light source         | Yes                     |
| Replaceable light source  | No                      |
| Holder designation        | G13                     |

Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 30000 h <sup>1)</sup> |
| Number of switching cycles | 50000                 |

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Emergency lighting

|                                  |      |
|----------------------------------|------|
| Type of emergency operation test | None |
|----------------------------------|------|

Certificates & Standards

|           |           |
|-----------|-----------|
| Standards | CE / UKCA |
|-----------|-----------|

|                                                      |    |
|------------------------------------------------------|----|
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe                                       | No |

### Additional product data

|                |                             |
|----------------|-----------------------------|
| Product remark | Available from October 2025 |
|----------------|-----------------------------|

### Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

### DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name                   |
|------------------------------------------------------------------------------------|----------------------------------------|---------------------------------|
|    | User instruction / safety instructions | G11238876 LED BATTEN 840 G13 T8 |
|    | Legal information                      | Safety insert G11219301         |
|  | Declarations of conformity             | LED BATTEN T8                   |
|  | Declarations of conformity UKCA        | LED BATTEN T8                   |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854609107 | Folding box<br>1             | 46 mm x 66 mm x 1,391 mm             | 2271.00 g    | 4.22 dm <sup>3</sup>  |
| 4099854609114 | Shipping box<br>8            | 1,407 mm x 165 mm x 230 mm           | 18889.00 g   | 53.40 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.