

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



TECHNICAL DATA

Electrical data

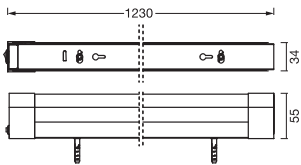
Nominal wattage	16.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	130.000 mA
Inrush current	0.125 A
Inrush current time T_{h50}	1.1 μ s
Max. number of luminaires per miniature circuit breaker B16	60
Max. number of luminaires per miniature circuit breaker C10	48
Max. number of luminaires per miniature circuit breaker C16	76
Power factor λ	> 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	≥ 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 ¹⁾
Number of switching cycles	50000

¹⁾ 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
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Certificates & Standards

Standards	CE / UKCA
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Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

Additional product data

Product remark	Available from October 2025
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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

LOGISTICAL DATA

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

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.