

# PRODUCT DATASHEET

## LED Power Batten 1200 mm 50 W 4000 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	5100 lm
Total luminous flux of contained light sources	6260 lm
Luminous efficacy	102 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	< 6 sdc <sub>m</sub>
Flickering metric (Pst LM)	1.1 %
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
Mounting location	Ceiling
Application environment	Indoor
With light source	Yes

## Lifespan

Number of switching cycles	12500
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## Certificates & Standards

Standards	CE / EAC / UKCA
Luminaire with limited surface temperature, "D sign"	No
Replaceable light source (EPREL)	Not replaceable





## 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	Legal insert B-not dimmable
 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
4058075266667	Folding box 1	51 mm x 94 mm x 1,229 mm	1095.00 g	5.89 dm <sup>3</sup>
4058075266674	Shipping box 8	1,270 mm x 410 mm x 130 mm	9744.00 g	67.69 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.