

PRODUCT DATASHEET

LED Worklight Battery R-Stand 20W 4000K

WORKLIGHTS BATTERY | Mobile battery powered worklight



Areas of application

- Renovation
- Garages
- Basement
- Workshops

Product benefits

- Energy savings of up to 80% compared to halogen lamp worklights
- Independent of power supply due to battery technology

Product features

- Worklight with swiveling head
- Battery discharge time: up to 4 h
- Battery rechargeable via USB cable



TECHNICAL DATA

Electrical data

Nominal wattage	20.0 W
Nominal voltage	5 V
Mains frequency	50...60 Hz
Nominal current	130.000 mA
Max. number of luminaires per miniature circuit breaker C10	3
Power factor λ	> 0.4
Protection class	I
Operating mode	Battery

Photometrical data

Luminous flux	1600 lm
Luminous efficacy	80 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Standard deviation of color matching	< 6 sdc _m
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	120 °

Dimensions & Weight

Length	266.00 mm
Width	200.00 mm
Height	276.00 mm
Product weight	1800.00 g

LED WORKLIGHT BATTERY 20W
840 R-ST

Materials & Colors

Product color	Orange
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Housing color	Orange
Body material	Aluminum Plastic
Cover material	Polycarbonate (PC)
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10...+40 °C
Temperature range at storage	-20...+50 °C
Type of protection	IP44
Protection class IK (shock resistance)	IK05
Dimmable	No
Mounting type	Standing
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	25000 h ¹⁾
Number of switching cycles	15000

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

BATTERY

Type of Battery	Lithium ion
Battery size [GMS]	18650
Nominal voltage of battery	3.7 V
Battery charging time	6 h

Emergency lighting

Luminous flux in emergency operation mode	1600 lm
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Certificates & Standards

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

EQUIPMENT / ACCESSORIES

– USB charging cable

Safety advice

- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.
- If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Please avoid: Maximal ambient temperature: +35 °C. Replacement of a battery with an incorrect type that can defeat safeguard (for example, in the case of some lithium battery types). Altitude during operation: 2000 m. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
- 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.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	LED WORKLIGHT BATTERY
	Legal information	Safety insert G11219286
	Declarations of conformity	LED WORKLIGHT BATTERY
	Declarations of conformity UKCA	LED WORKLIGHT B AND PANAN CLIP

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854430312	Folding box 1	1,205 mm x 102 mm x 84 mm	2085.00 g	10.32 dm ³
4099854430329	Shipping box 4	600 mm x 448 mm x 313 mm	8340.00 g	84.13 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.