

PRODUCT DATASHEET

LED Worklight Value High Power 100W 865 2x Socket

WORKLIGHTS VALUE HIGH POWER | Flexible, portable worklight in value class with high power



Areas of application

- Renovation
- Garages
- Workshops
- Basement

Product benefits

- 2 in 1, worklight and multisoocket
- High light output thanks to high-power LED

Product features

- Worklight with very high lumen package
- Equipped with two power outlets, for loads up to 3000 W



TECHNICAL DATA

Electrical data

Nominal wattage	100.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	450.000 mA
Inrush current	24.4 A
Inrush current time T_{h50}	96 μ s
Max. number of luminaires per miniature circuit breaker B16	28
Max. number of luminaires per miniature circuit breaker C10	17
Max. number of luminaires per miniature circuit breaker C16	28
Power factor λ	> 0.90
Total harmonic distortion	\leq 20 %
Protection class	I
Operating mode	Integrated LED driver

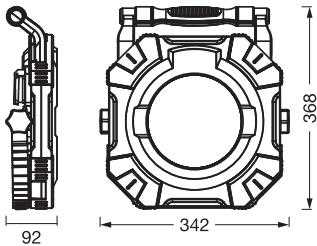
Photometrical data

Luminous flux	12000 lm
Total luminous flux of contained light sources	14000
Luminous efficacy	120 lm/W
Color temperature	6500 K
Light color (designation)	Cool Daylight
Color rendering index Ra	\geq 80
Standard deviation of color matching	< 6 sdcm
Luminous intensity	5000 cd
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.9
Photobiological safety group acc. to EN62778	RG1
Beam angle	100 °

Dimensions & Weight

Length	342.00 mm
Width	92.00 mm
Height	368.00 mm
Product weight	3880.00 g

Cable length	1500 mm
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LED WORKLIGHT VAL HP 100W
865 2XSOK

Materials & Colors

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

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+80 °C
Type of connection	Plug type F
Type of protection	IP54
Protection class IK (shock resistance)	IK06
Dimmable	Yes
Type of dimming	2DIM
Mounting type	Standing
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	30000 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)





Certificates & Standards

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

Safety advice

- 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 VAL HP
	Legal information	LED WORKLIGHT VAL HP 60/100W 865 2XSOK
	Declarations of conformity	LED WORKLIGHT 865
	Declarations of conformity UKCA	LED WORKLIGHT 865

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854282904	Folding box 1	108 mm x 353 mm x 383 mm	4588.00 g	14.60 dm ³
4099854282911	Shipping box 2	367 mm x 230 mm x 411 mm	9769.00 g	34.69 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.