

## PRODUCT DATASHEET

### LED Worklight Panel 50W 4000K

Worklights LED Panel | LED worklight panel



#### Areas of application

- Renovation
- Workshops

#### Product benefits

- Worklight for indoor area usage, e.g. wallpainting
- Energy savings of up to 80% compared to halogen lamp worklights
- Homogenous illumination
- Opal cover above LEDs for homogeneous illumination and minimized glare

#### Product features

- Lighting panel can be swivelled up and down
- Direct connection to AC power supply



TECHNICAL DATA

Electrical data

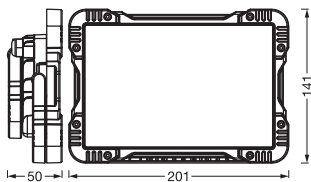
|                           |               |
|---------------------------|---------------|
| Nominal wattage           | 50 W          |
| Nominal voltage           | 220...240 V   |
| Mains frequency           | 50...60 Hz    |
| Nominal current           | 225.000 mA    |
| Power factor $\lambda$    | $\geq 0.90$   |
| Total harmonic distortion | $< 20 \%$     |
| Protection class          | I             |
| Operating mode            | Mains voltage |

Photometrical data

|  |                         |
|--|-------------------------|
| Luminous flux                                  | 4000 lm                 |
| Total luminous flux of contained light sources | 4300 lm                 |
| Luminous efficacy                              | 90 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>cm</sub> |
| Photobiological safety group acc. to EN62778   | RG1                     |
| Photobiological safety group acc. to EN62471   | RG1                     |
| Beam angle                                     | 110 °                   |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 50.00 mm  |
| Width          | 201.00 mm |
| Height         | 141.00 mm |
| Product weight | 2000.00 g |



LED WORKLIGHT PANEL 50W

## Materials & Colors

|                 |                    |
|-----------------|--------------------|
| Product color   | Orange             |
| 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...+70 °C                 |
| Type of connection                     | Protective contact Plug type |
| Type of protection                     | IP20                         |
| Protection class IK (shock resistance) | IK07                         |
| Dimmable                               | No                           |
| Mounting type                          | Standing                     |
| With light source                      | Yes                          |
| Replaceable light source               | No                           |

## Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 25000 h <sup>1)</sup> |
| Number of switching cycles | 15000                 |

<sup>1)</sup> 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 PANEL                |
|  | Legal information                      | Safety insert G11220418            |
|  | Legal information                      | Informationstext 18 Abs 4 ElektroG |
|  | Declarations of conformity             | LED WORKLIGHT PANEL 50W            |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume    |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4099854430350 | Folding box<br>1             | 1,505 mm x 102 mm x 84 mm            | 2907.00 g    | 12.89 dm³ |
| 4099854430367 | Shipping box<br>4            | 343 mm x 238 mm x 193 mm             | 8556.00 g    | 15.76 dm³ |

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.