

PRODUCT DATASHEET

LED Worklight Panel 50W 4000K

WORKLIGHT 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 |
| Inrush current | 0.5 A |
| Max. number of luminaires per miniature circuit breaker C10 | - |
| Power factor λ | ≥ 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 | ≥ 80 |
| Standard deviation of color matching | < 6 sdc _m |
| Flickering metric (Pst LM) | ≤ 1 % |
| Stroboscope effect metric (SVM) | ≤ 0.4 |
| 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 840

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 |
| Mounting location | Floor |
| 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)

Emergency lighting

| | |
|--|---|
| Luminous flux in maintained operation mode | - |
|--|---|



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 50W |
|  | Declarations of conformity | LED WORKLIGHT PANEL 50W |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075576599 | Folding box 1 | 80 mm x 217 mm x 164 mm | 2059.00 g | 2.85 dm ³ |
| 4058075576605 | Shipping box 4 | 343 mm x 238 mm x 193 mm | 8556.00 g | 15.76 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.