

FIELDLED EVO surface-mount machine light 540x96 mm 39W IP69K front-side - LED2WORK 153110-01

Item no. L2W-153110-01

Manufacturer LED2WORK

The FIELDLED EVO surface-mounted light gives large machine work areas uniform, glare-free and flicker-free illumination. It delivers 6000 lm at around 39 W with a 5700 K light colour and Ra >85 for high-contrast working light. Safety glass and an aluminium housing rated IP67/IP69K reliably keep out chips and coolant, while the front-side M12 connection makes retrofitting straightforward.

TECHNICAL DATA

Country of Manufacture **Germany**

HS-Code **94054239**

Weight **2.2 kg**


STANDARDS & COMPLIANCE

DIN EN 62471

DESCRIPTION

The **FIELDLED EVO** surface-mount machine light lights up the large interior work areas of machine tools and production equipment uniformly, without glare or flicker. With 6000 lumens at roughly 39 W it puts high-contrast light exactly where metal cutting demands maximum visual performance.

KEY BENEFITS

- **6000 lm luminous flux** at only about 39 W, with 155 lm/W efficacy for low energy use.
- **IP67/IP69K rating**, safety glass and an aluminium housing withstand chips, coolant and high-pressure washdown.
- **Micro-prism glare control** plus 5700 K at Ra >85 deliver fatigue-free, high-contrast working light.
- **Reverse-polarity-safe front-side M12 connection** (A-coded) for a fast, secure 24V DC machine-power connection.
- **Over 100,000 h service life** (L80/B10), shock-resistant to 50 g and vibration-resistant for harsh continuous duty.

TECHNICAL DATA

- Model: FIELDLED EVO front-side, M12 Surface-mounted light
- Design: LED surface-mounted light for machines
- Light source: SMD LED
- Power: approx. 39 W
- Luminous flux: 6000 lm
- Luminous efficacy: 155 lm/W
- Light colour: 5700 K (3-step MacAdam)
- Colour rendering: Ra >85
- Beam angle: 100°
- Glare control: micro-prisms
- Supply voltage: 24V DC $\pm 10\%$
- Connection: M12 A-coded, front-side
- Protection rating: IP67/IP69K
- Protection class: III
- Operating temperature: -30 °C to +60 °C
- Service life: > 100,000 h (L80/B10)
- Vibration resistance: 10 to 55 Hz (amplitude 0.35 mm)
- Shock resistance: up to 50 g
- Housing material: aluminium
- Cover material: toughened safety glass, splinter-free
- Dimensions: 540 x 96 x 30 mm
- Weight: 2.2 kg
- Risk group (DIN EN 62471): exempt group
- Certifications: CE, UKCA, ETL Listed (5003529)
- Dimmable: optional via accessory
- Made in: Germany

APPLICATIONS

Designed for interior lighting of machine tools, machining centres and large-volume production equipment, especially in metal cutting and harsh production environments. The light retrofits into almost any machine tool via rear M5 screw channels; optional brackets and dimming accessories are available.