

TUBELED_40 II ECO Machine Light 365 mm, 8,6 W, 5700 K, 100° - LED2WORK 118210-12

Item no. L2W-118210-12

Manufacturer LED2WORK

TUBELED_40 II ECO LED machine light delivering 1500 lm at 8,6 W over a 365 mm length. Low-profile, oil-resistant and chip-impact-proof with IP67/IP69K protection, made in Germany.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	94054239
Norm	DIN EN 62471
Weight	0.48 kg



STANDARDS & COMPLIANCE

DIN EN 62471

DESCRIPTION

The output-optimised TUBELED_40 II ECO lights machine work areas efficiently, delivering 1500 lm at only 8,6 W over a 365 mm length. It builds flat, is oil-resistant and chip-impact-proof.

YOUR BENEFITS

- Luminous efficacy of 173 lm/W for efficient operation
- IP67/IP69K protection, oil-resistant and resistant to coolants and lubricants
- Low-profile build at just 29 mm, 100% CNC-suitable
- Shatterproof safety glass with diffuser for low-glare light
- High shock and vibration resistance (up to 50 g)
- Long service life of more than 100,000 h (L80/B10)
- Cascadable via M12 connector, several lights can be daisy-chained (max. 4 A at 40 °C)

TECHNICAL DATA

- **Model:** TUBELED_40 II ECO, kaskadierbar
- **Design:** LED surface-mounted machine light
- **Light source:** SMD LED

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- **Power:** ~8,6 W
- **Luminous flux:** 1500 lm
- **Luminous efficacy:** ~173 lm/W
- **Light colour:** 5700K 3-step MacAdam
- **Colour rendering (Ra):** >85
- **Beam angle:** 100°
- **Supply voltage:** 24V DC $\pm$ 10%
- **Connection:** M12 A-kodiert
- **Protection rating:** IP67/IP69K
- **Protection class:** III
- **Operating temperature:** -30 °C to +70 °C
- **Service life:** > 100.000 h (L80/B10)
- **Vibration resistance:** Bei 10 bis 55 Hz (Amplitude 0,35 mm)
- **Shock resistance:** Bis 50 g
- **Housing:** aluminium
- **Cover:** Sicherheitsglas, 4 mm
- **Dimensions:** 365 mm x 40 mm x 29 mm
- **Weight:** 480 g
- **Risk group (DIN EN 62471):** exempt group
- **Certifications:** CE, UKCA, ETL Listed (5003529), D-Kennzeichnung
- **Made in:** Germany

APPLICATIONS

For bright illumination of work areas in machine tools, CNC machining centres and equipment, as original equipment or for retrofitting. An additional output and M12 connector let several lights in the series be daisy-chained electrically.