

TUBELED_25 machine light 870 mm, 21.6W, 3348 lm, 5700K, IP67 - LED2WORK 154510-01

Item no. L2W-154510-01

Manufacturer LED2WORK

Power-optimised LED surface-mounted light for CNC machines and plants, delivering 3348 lm at just 23 mm mounting height for tight spaces. Shatterproof tempered glass and aluminium housing reach IP67 for OEM fitting and retrofit.

TECHNICAL DATA

Country of Manufacture **Germany**

HS-Code **94054239**

Weight **0.17 kg**


STANDARDS & COMPLIANCE

DIN EN 62471

DESCRIPTION

For bright illumination of work areas on CNC machines and automated plants, the TUBELED_25 in 870 mm length delivers 3348 lm at a mounting height of just 23 mm. The slim, low-profile light fits even tight installation spaces, whether for original equipment or retrofit.

KEY BENEFITS

- **3348 lm output** at 155 lm/W for brightly lit work areas.
- **Very slim, low profile** of only about 23 mm for tight installation spaces.
- **Light Forming Technology** for an even, low-glare light distribution.
- **IP67 rating**, dust- and liquid-tight for harsh machine environments.
- **Shock- and vibration-resistant**, up to 50 g shock, with over 100,000 h service life.

TECHNICAL DATA

- Model: TUBELED_25
- Type: LED surface-mounted light for machines and plants
- Light source: SMD LED
- Power: ~21.6 W

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- Luminous flux: 3348 lm
- Luminous efficacy: 155 lm/W
- Light colour: 5700K 3-step MacAdam
- Colour rendering (Ra): >85
- Light distribution: Light Forming Technology
- Supply voltage: 24 V DC $\pm$ 10%
- Connection: M8 A-coded
- Protection rating: IP67
- Protection class: III
- Beam angle: 100°
- Operating temperature: -30 °C to +55 °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: safety glass, 4 mm
- Dimensions (H x W): ~23 mm x ~28 mm, length 870 mm
- Weight: 170 g
- Dimmable: optional via accessory
- Risk group (DIN EN 62471): exempt group
- Certifications: CE, UKCA, ETL Listed (5003529)
- Made in: Germany

APPLICATIONS

A universal standard for lighting work areas on CNC machines and automated plants, in original equipment or as a retrofit.