

TOPLED LED-Maschinenleuchte Ø50mm, 8,5W, 40°, IP67, CNC-geeignet - LED2WORK 111913-01

Item no. L2W-111913-01 **Manufacturer** LED2WORK**Manufacturer no.** 111913-01

Very compact, high-output surface-mounted LED light only 50 mm in diameter for machine tools. Delivers 982 lm at 8.5 W in daylight white, is chip-impact-proof and coolant-resistant at IP67, made in Germany.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
Country of Manufacture	Germany
ESD-Ausführung	TEC
Weight	0.35 kg
Zolltarifnummer	94054239



STANDARDS & COMPLIANCE

ESD safe DIN EN 62471

DESCRIPTION

The TOPLED puts powerful light into the tightest of spaces right at the machining area: at just 50 mm diameter it lights up machine tools with 982 lm of daylight white and, being CNC-rated, may be mounted in close proximity to the workpiece.

Key benefits

- Very compact at Ø 50 mm and only 23 mm mounting height, ideal for tight installations.
- High light output of 982 lm at 8.5 W from high-power LED chips.
- Daylight white (5200 to 5700K) with Ra above 80 for natural colour recognition.
- Chip-impact-proof and resistant to coolant and lubricant, protection rating IP67.
- 4 mm safety glass, matt and shatterproof, for glare control.
- Long service life of over 50,000 h (L80/B10), made in Germany.

Technical data

- **Model:** TOPLED
- **Design:** surface-mounted LED light
- **Light source:** high-power LED
- **Power:** approx. 8.5 W
- **Luminous flux:** 982 lm
- **Luminous efficacy:** 116 lm/W
- **Light colour:** daylight white (5200 to 5700K)
- **Colour rendering (Ra):** above 80
- **Beam angle:** 40°
- **Supply voltage:** 24V DC \pm 10 %
- **Connection:** M12 A-coded with lead
- **Protection rating:** IP67
- **Protection class:** III
- **Operating temperature:** -10 °C to +60 °C
- **Service life:** over 50,000 h (L80/B10)
- **Housing material:** aluminium
- **Cover material:** 4 mm safety glass
- **Dimensions:** Ø 50 mm, 23 mm surface-mounted
- **Weight:** 350 g
- **Risk group (DIN EN 62471):** group 1
- **Certifications:** CE, UKCA
- **Made in:** Germany

Applications

Pinpoint illumination in machine and CNC tools, even in the immediate vicinity of machined workpieces, and in harsh environments with chips, coolants and lubricants.

Mounting and scope of delivery: M18x1.5 fixing nut included, optionally dimmable via accessories. For heat dissipation the light must be mounted on a metal surface of at least 400 x 400 mm and 3 mm thickness. The use of thermal paste is recommended.