Time Electronics
TL90 and TL91 Magnification and Inspection Lights

Description

The TL90 and TL91 are high performance magnifying lights that utilise premium LEDs to illuminate a 6" wide-angle, distortion-free lens. Innovative balanced-arm technology allows for easy adjustment and precise positioning while six independent swivel joints turn up to 90 degrees in every direction.
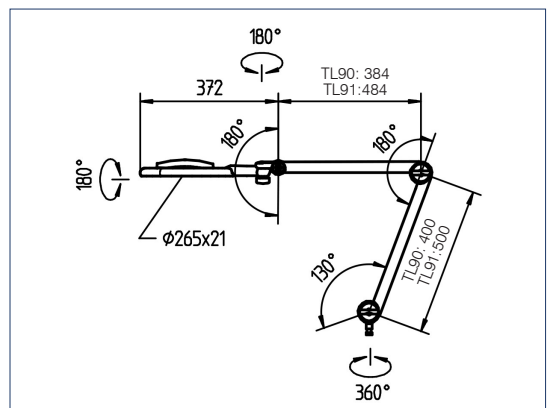
Each magnifier provides the ideal solution for electronic circuitry and soldering work. Each magnifying light is supplied with a bench clamp for quick fixing to worktops. This enables the units to be easily removed from the workspace if needed.

Specifications

Lamp type	LED
Colour temperature	3700-4000 K
Color rendering index	(CRI)=90
Lens dimensions	Ø 160 mm (6.3")
Lens diopters	3.5
Included add-on lens	Dimensions Ø 31.5 mm (1.24") / Diopters: 8
Technology	Multi stage switchable; continuously dimmable multi-function switch
Luminaire body details	Material: Plastic / Colour: black / Lamp cover: Acrylic satine
Tubular sections details	Material anodized aluminum / Colour: Silver
Arm length	TL90: 31" / TL91: 39"
Arm adjustment	Spring-balanced
Electrical specification	Plug-in transformer / connected load 100-240V; 50/60 Hz Power consumption approx. 14 W
System of protection	IP 20. Class of protection II
Weight	2.7 kg (6 lbs) approx.
Mains lead length	3.4 m (11 ft). Socket type UK as standard, others upon request
Mounting	Table clamp supplied as standard. Perfo or wall clamp optional.
Special features	Segment switched LED

Features

- Professional magnifier luminaire with premium LEDs

- 6" diameter wide-angle, scratch-resistant glass lens

- Spring-balanced arm for easy adjustments

- 3.5d+8d magnification (add-on lens inc with both models)

- TL90: 31" arm length / TL91: 39" arm length

- 40 % energy savings compared to fluorescents

- 50,000 hours maintenance-free LED life

- 100 % to 10 % dimming by touch

- ETL/cETL approved

- Bench clamp included

Ordering Information

TL90 ....High Performance LED Magnification Light with 31 " arm length

TL91 ....High Performance LED Magnification Light with 39 " arm length