

PL90



Adjustable Workstation Light for
Assembly and Office

NEW

PL90 Workstation Light



The intuitive operation of the PL90 workstation light allows quick and easy adjustment of personal lighting in the office or at assembly workstations, such as in the precision engineering and watch industries. The high quality LED lighting provides optimal lighting conditions that improve and facilitate work processes. The color rendering properties of a CRI 90 are ideally prepared for such tasks.

The light can be freely adjusted in the color spectrum between warm white (3,000 K) and cool white (6,500 K) and stored with the desired brightness value. The saved light settings can be easily recalled at any time, thus supporting a smooth workflow.

Product Features

The PL90 has a short upper articulated arm. This makes the adjustment of the light even more flexible when space is limited.

Additional strips on the lighting body also prevent eyes from being dazzled when working in the near field area. This is a great advantage when the head is positioned particularly close to the object during complex assembly work, such as in the watch industry.

The PL90 workstation light has a high luminosity without dazzling. This means more protection for the user and more efficiency in the workflow.

Mounting Versions



Universal clamp



Drilling screw fitting



Metal screw-on plate

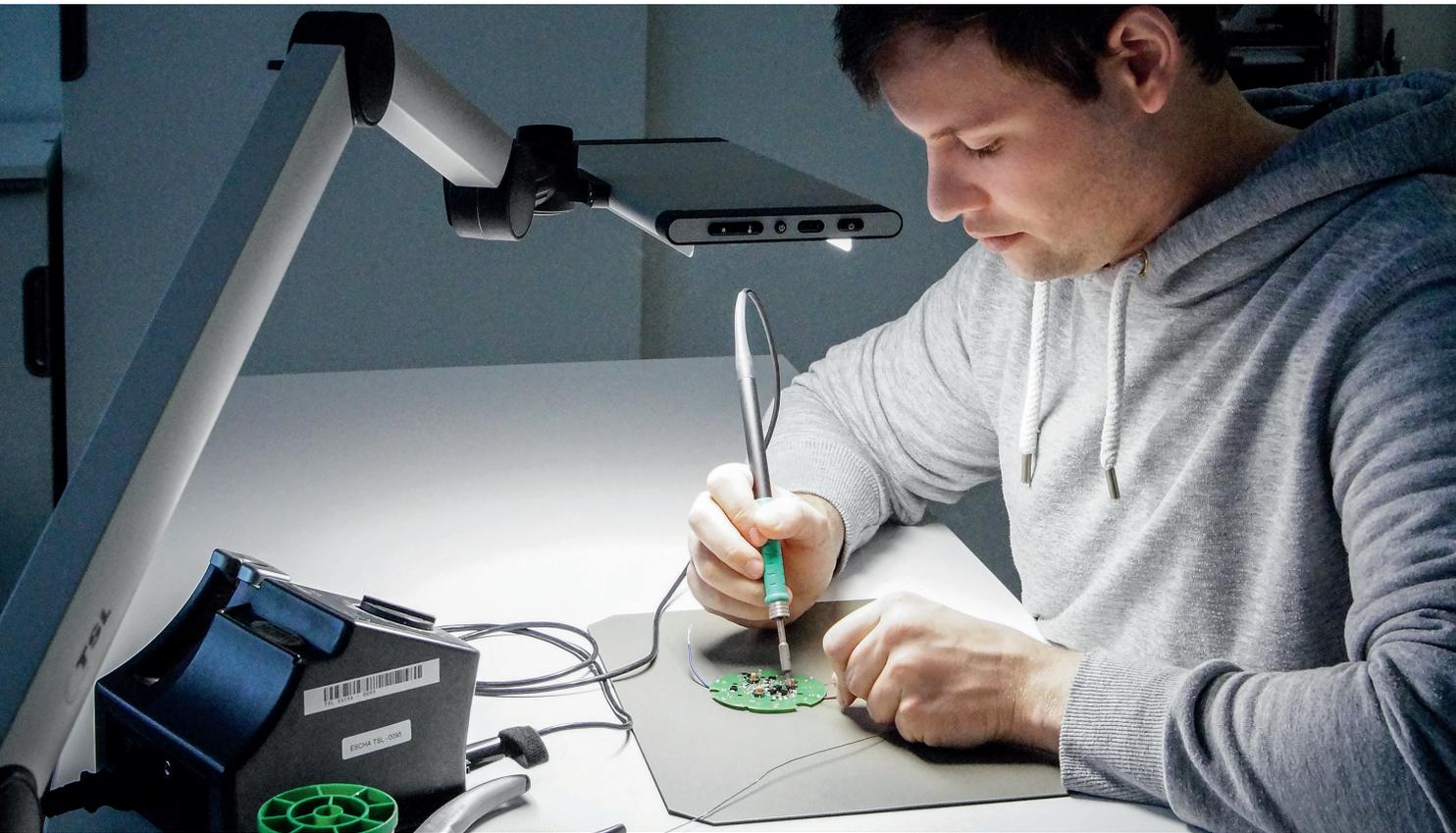
Power Supply



Euro plug type C

Highlights and Customer Benefits

- Service life of more than 50,000 operating hours
- Light color and brightness adjustment
- Saving of multiple light settings and recalling at will (memory function)
- Reduced shadowing and glare due to special micro structure optics
- Weakened light reflection on high-gloss parts
- Short upper articulated arm for even more flexible adjustments
- Anti-glare bar prevents direct glare when working in the near field area



Technical Details

Nominal Voltage	230 VDC
Nominal Power	24 W @ 230 VDC
Operating Temperature	-20 ... +40 °C
Degree of Protection	IP20
Visible External Dimensions	307 x 132 x 15 mm (L x W x H)
Luminous Color	warm white to cold white (3,000 ... 6,500 K)
Color Rendering Index	CRI 90
Power Supply	Euro plug (type C)

Photometric Data

	Without Diffuser	With Diffuser
Distance	Illuminance	Illuminance
0,5 m	1482 lux	1601 lux
1,0 m	370 lux	400 lux
2,0 m	93 lux	100 lux
Beam Angle	116°	106°
Lumen per Watt	50 lm/W	48 lm/W

PL90-Sets

Sets	Article-No
PL90 with diffuser, power supply, universal clamp	8711559
PL90 with diffuser, power supply, drilling screw fitting	8713026
PL90 with diffuser, power supply, metal screw-on plate	8713027
PL90 without diffuser, power supply, universal clamp	8711558
PL90 without diffuser, power supply, drilling screw fitting	8713024
PL90 without diffuser, power supply, metal screw-on plate	8713025



Touch . Signal . Light

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