

## 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

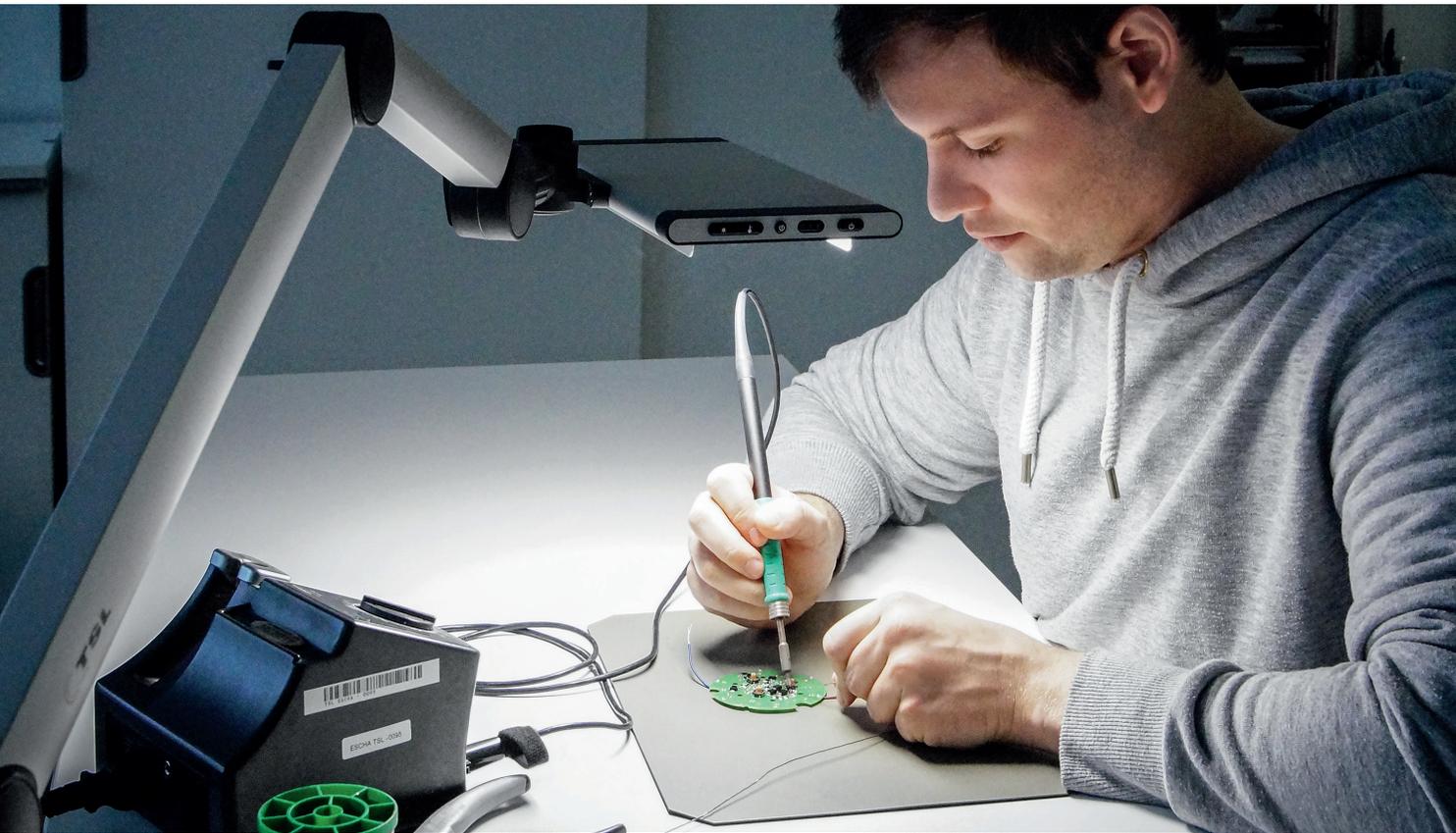
## Power Supply



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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