Cold light source
LED-F3000

4H JENA ENGINEERING

High performance LED cold light source for industrial applications –

full replacement for 150 W halogen cold light sources

Your advantages

- brighter than 150 W halogen cold light sources (640 lm with fiber Ø 8 x 1000 mm)
- color temperature 5.800 K (changeable by color filters)
- LCD display
- remote controlled via USB or foot switch
- settings can be saved
- safety switch of when removing the light guide
- electronic shutter function
- long LED service life
- low-noise operation by a quiet fan
- solide metalhousing
- stackable and standing upright useable

The cold light source has an universal light guide connection for fiber optic lighting, such as ring gap lights, fixed light guides, transmitted lights or flexible light guides. The modular design of the F3000 allows in conjunction with

- ring gap lights – a homogeneous shadow free illumination.
- fixed/flexible light guides – a directed spotlighting.
- transmitted lights – a homogeneous transmitted illumination.

Equipment

LED-F3000 with gooseneck light guide

- ring gap lights (several diameters)
- flexible or fixed light guides (single- or two-armed, several lengths)
- color filters

LCD diplay

Applications

- lighting for inspection, repair and measuring work stations in the electronics and metal processing production, tool and mould making
- workplaces where a high light output is needed
- quality control at incoming goods and outgoing goods

Technical data:	
Lamps / brightness	LED / 640 lm with fiber Ø 8 x 1000 mm
Color temperature	approx. 5800 K / color filters
Service life L70	approx. 30.000 h
Power supply / power input	12 V DC, 5420 mA, 65 W
Connections	USB (for control with PC), mono jack 2,5 mm (foot switch), ESD socket, DC socket
Display	graphic display for operating display and comprehensive menu functions
Lightguide connection	Ø 15mm, max. fiber Ø 9 mm
Cooling system	axial ventilator
Ambient conditions	temp. 10-40 °C, max. 80 % rel. humidity
Dimensions	170 x 196 x 98 mm without controls
Mass	approx. 3,8 kg
Conformity	CE (EMC Directive 2004/108/EC)