

Living up to Life

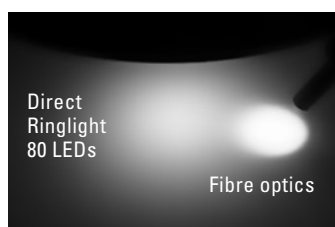


Leica CLS150 LED

Fibre optic LED microscopy light source



Leica CLS150 LED: The new fibre optic LED microscopy light source



The advantages of fibre optic illumination can be found in the generation of maximum illumination density for small areas and the compact construction of the light guide. Only fibre optic spot lighting can deliver the appropriate illumination for examining dark coloured light absorbing objects with x40 magnifications and their tiny object fields measuring just a few millimetres.

LED FIBRE OPTIC ILLUMINATION

The Leica CLS150 LED light source has been developed for routine and high end microscopy applications. It is compatible with all fibre optic light guides in the LED range and outperforms a 150W halogen light source in terms of luminosity.

The robust metal housing is designed for stable operation with gooseneck light guides and stacking stability.

PRODUCT BENEFITS

- › Brighter than a 150 W halogen light source
- › Long service life of approx. 30,000 hrs (70% output luminance), no lamps to replace (no servicing costs, no storage costs for spare lamps)
- › 70% energy savings
- › Colour temperature: 5,800 K (can be adjusted in direction of halogen light using filter)
- › Electronic shutter function
- › Continuously variable luminance control
- › LCD display
- › All settings easily configurable (luminance, shutter/strobe parameters)
- › Robust, stable metallic housing
- › Stable positioning with gooseneck light guides
- › Vertical positioning possible, stackable
- › Quiet fan
- › Can be controlled via USB and foot switch
- › Automatic shutdown of LEDs when light guide removed
- › Complete light guide range available (flexible and gooseneck light guides, focussable ringlights, backlights)
- › Global application through wide-range power supply with international clip system

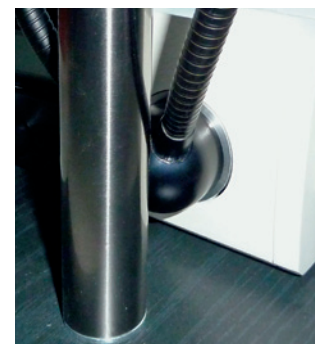
SETTINGS	
PRESET 3:	2%
PRESET 4:	5%
PRESET 5:	20%

STROBE	
LEVEL:	100%
PULSE:	50.0 MS
RATE:	4.0 HZ

SYSTEM	
USB MODE:	AUTO
STEP SIZE:	1%
FOOTSW.: TOGGLE+DIM	



LEICA CLS150 LED	(30 250 003, incl. power supply and USB cable)
Lamps	High power LEDs
Luminance	approx. 640 lm for fibre diameter 8 × 1 000 mm
Colour temperature	approx. 5 800 K
Maximum fibre diameter	9 mm
Service life L70	approx. 30 000 h (70% output luminance)
Cooling	Axial fan
Power supply	12 V DC, 5 420 mA
Power input	65 Watt
Ambient conditions	10–40 °C, max. 80% relative humidity
Light guide connection	∅ 15 mm
Rear connections	USB for PC control, jack 2.5 mm for foot switch, ESD socket, DC socket
Display	Graphic display for operational status and extensive menu functions
Approval (CE)	EMC Directive 2004/108/EEC
Dimensions (B × D × H)	approx. 170 × 196 × 98 mm without projecting parts
Weight	approx. 3.8 kg



LEICA CLS150 LED: THE COMPREHENSIVE SYSTEM

