

Living up to Life

*Leica*

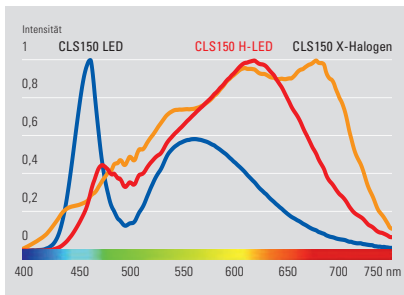
MICROSYSTEMS

# Leica CLS150 H-LED

Fibre-optic microscopy LED light source



# Leica CLS150 H-LED: A new fibre-optic microscopy light source



Spectra (normalised): CLS150 LED, CLS150 H-LED, CLS150 X halogen light source

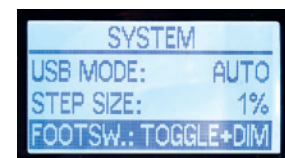
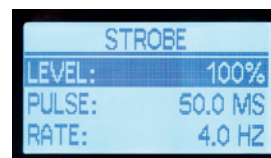
The strong points of the new CLS150 H-LED are its top-rate light quality, with a colour rendering index >90, and a colour temperature of 3 200 K. This makes it the perfect solution for applications that require greater red portions, and for which halogen light sources with slightly lower maximum brightness have thus been preferred so far.

## LED FIBRE-OPTIC ILLUMINATION

The Leica CLS150 H-LED light source has been developed for routine and high-end microscopy applications. It is compatible with all fibre-optic light guides of the LED series, and its light quality and brightness are comparable to a LEICA CLS150 X 150 W halogen light source. The robust metal housing is designed for stable operation with goose-neck light guides and stacking stability.

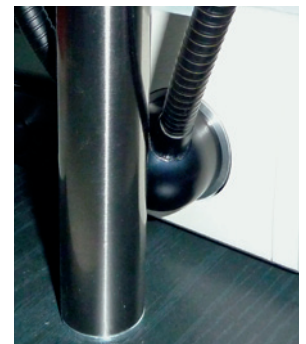
## PRODUCT BENEFITS

- › Spectrum and brightness comparable to a LEICA CLS150 X 150 W light source
- › Extended service life of approx. 25 000 h (70% of the output brightness), no lamp replacement required (no servicing costs, no storage costs for spare lamps)
- › 70% energy savings
- › Colour temperature: 3 200 K (can be adjusted in direction of daylight using filter)
- › Electronic shutter function
- › Infinitely adjustable brightness control
- › Robust, stable metallic housing
- › Vertical positioning possible, stackable
- › Quiet fan
- › Device can be controlled via LAS-software and foot switch
- › Automatic shutdown of LEDs when light guide is removed
- › Full range of light guides available (flexible and goose-neck light guides, focusable ring lights, back lights)

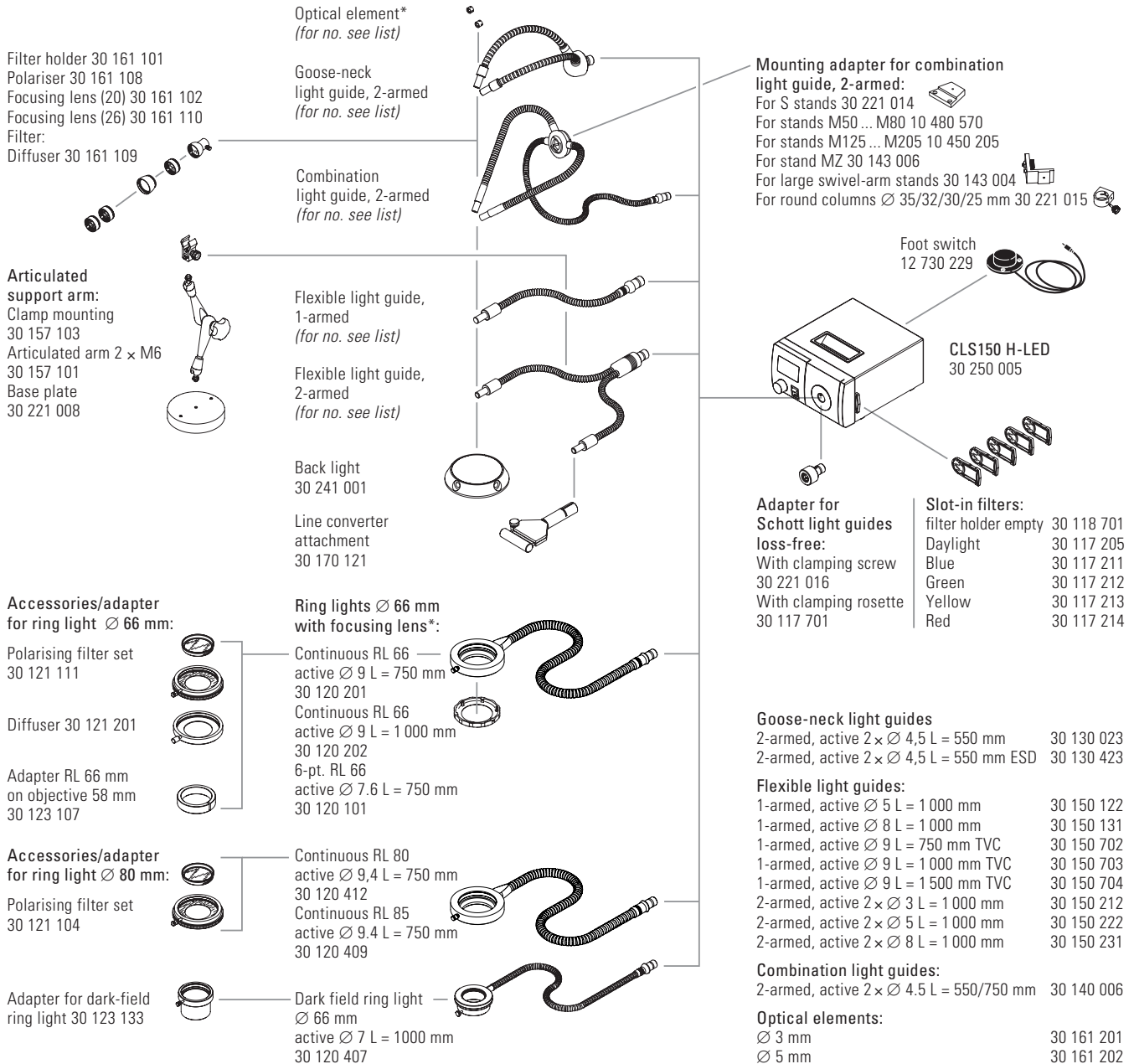




<b>LEICA CLS150 H-LED</b>	(30 250 005, incl. power supply and USB cable)
Lamp	Hi-Power LED
Brightness	Approx. 340 lm for fibre $\varnothing$ 8 x 1 000 mm
Colour temperature	Approx. 3 200 K, colour rendering index > 90
Maximum fibre diameter	9 mm
Service life L70	Approx. 25 000 h (70% output brightness)
Cooling	Axial fan
Power supply	12 V DC, 5 420 mA
Power input	65 W
Ambient conditions	10–40 °C, max. 80% relative humidity
Light guide connection	$\varnothing$ 15 mm
Rear connections	USB for control via PC, 2.5 mm jack for foot switch, ESD socket, DC socket
Display	Graphic interface for operating status and comprehensive menu functions
Approval (CE mark)	EMC Directive 2004/108/EC
Dimensions (W x H x D)	Approx. 170 x 98 x 196 mm, without projecting parts
Weight	Approx. 3.8 kg



**LEICA CLS150 LED: THE COMPREHENSIVE SYSTEM**



\* Included in standard scope of delivery