

1-CHANNEL VIS LED LIGHT SOURCE FOR MICROSCOPY



LH-LED 100

As a cold light source or for upgrading halogen



Front view of LH-LED 100

The LH-LED 100 light source offers maximum optical performance for a wide range of microscopy and illumination applications.

Various adapters, which can be customised to customer requirements, enable connection to all common microscopes and optical setups.

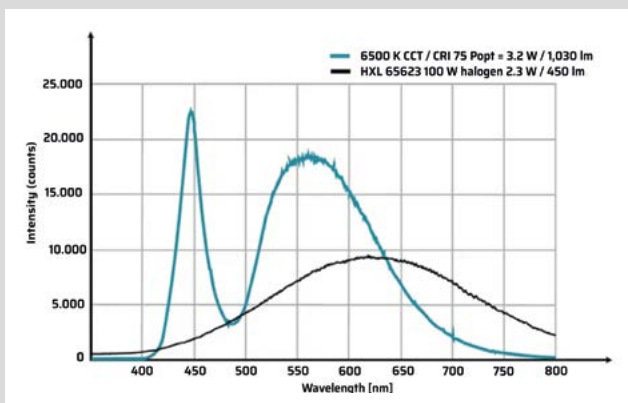
Operation is conveniently carried out via a control panel. Pulse and level-controlled operation is also possible.

PRODUCT HIGHLIGHTS

- Homogeneous illumination
- High luminous flux up to 1,000 lm (CW)
- White LED with 6500 K*
- Triggerable up to 25 kHz
- Silent & vibration-free operation

AREAS OF APPLICATION

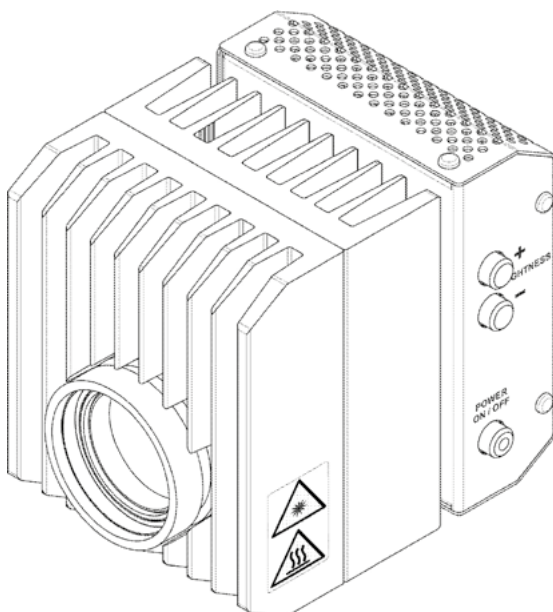
- Fluorescence microscopy
- Bright field & dark field microscopy
- Image processing & optical inspection
- Semiconductor manufacturing & quality control
- Forensics



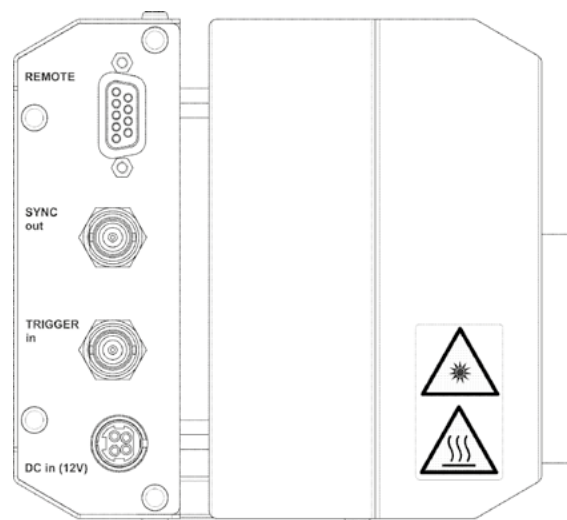
Spectrum LH-LED 100

*Other VIS and UV LEDs available on request

Functions	
Trigger	Frequency max. 25 kHz
Dimming	Electronic, 200 steps 0.2 ... 100%, 0.2 to 30% PWM, 30 to 100% analogue
Safety	Overheating protection
Interfaces	Remote controller, USB interface, analogue control voltage
Collimator + adapter	Zeiss, Leica, Nikon, Olympus, Motic
Specifications	
Mains voltage	12 VDC ± 5%, external power supply 100 to 240 VAC, 50 to 60 Hz
Power consumption	Max. 50 VA
Width x Height x Depth	120 mm x 125 mm x 140 mm
Weight	2.0 kg
Other	
Scope of delivery	LH-LED 100, power supply unit, operating instructions
Accessories	Control panel



View of LH-LED 100 from above, right side



View of LH-LED 100 from the left