

MC-LS Microscopy LED Light Source

Variable intensity, high efficient, white LED light source intended for use with fiber optic light guides.



MC-LS Light Source, A20990



A20990 Rear view



A20990 with gooseneck attachment

As the standard LED fiber optic light source in the SCHOTT ColdVision range, the MC-LS delivers exceptional light output from its high-brightness LED engine. Developed for stereo microscopy, the design of the light source makes it highly suitable for desktop usage, where its USB port can easily connect to application software systems

Characteristics

- Can be controlled by digital remote control via USB port (virtual RS232) or built-in 9-pin connector (analog). The MC-LS offers all-around controllability.
- Universal input power supply compliant with international standards
- Robust industrial design with a small footprint and ultra-quiet operation.

Your Advantages

- Maximum light intensity of 850 lm*
- High resistance to vibration and shock
- Continuous dimming from 0-100%
- Long-life, high-efficiency, maintenance-free LED light engine with 50,000 operating hours
- Compatible with COLDVision light guides
- Over 10% higher output than EKE halogen light sources*
- Stable light output with minimal variation in color temperature
- Low power consumption
- Temperature monitoring for protection of the LED light engine
- ETL approved, RoHS compliant

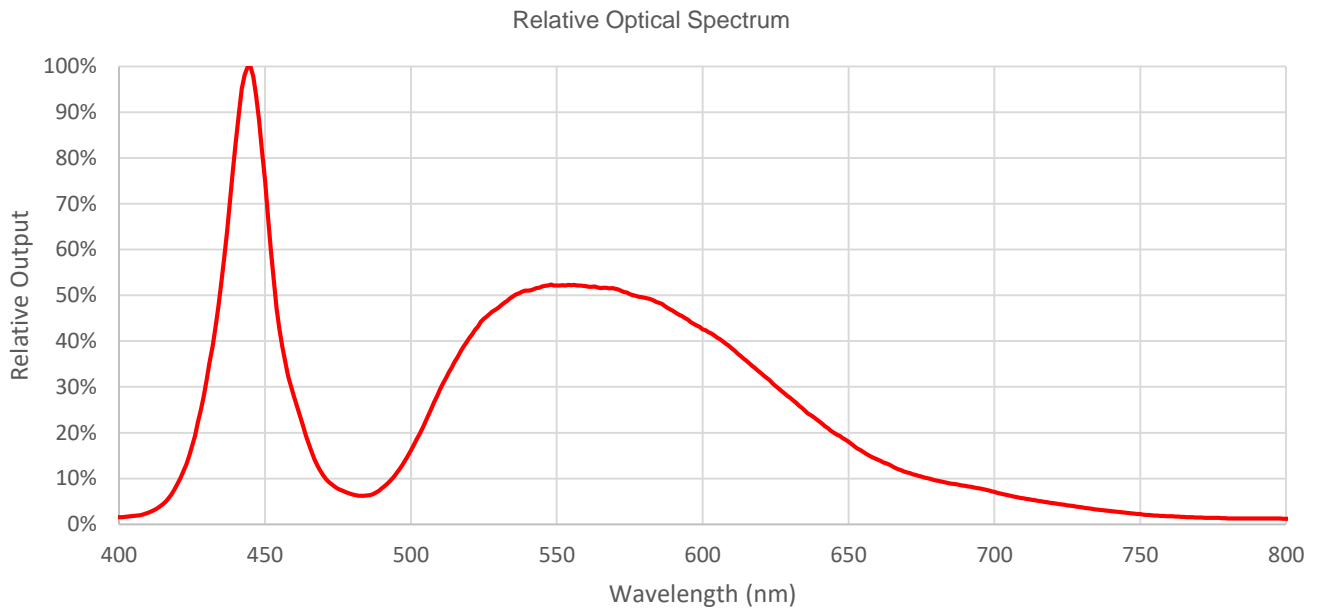
*Light sources compared at the output of a SCHOTT ColdVision fiber optic light guide, Ø13mm active, length 1m (A08051.40 bundle), 23°C ambient, typical output

Dimensions	Length: 158 mm (6.2 inches)	
	Width: 145 mm (5.7 inches)	
	Height: 98 mm (3.9 inches)	
Weight	2.0 kg (4.62 lbs)	
Operating Temperature	0° C (32° F) to 40° C (104° F)	
Color Temperature	5400 K	
Power Input Rating	100-240VAC, 50/60Hz, 1.5A	
Power Consumption	60 Watts	

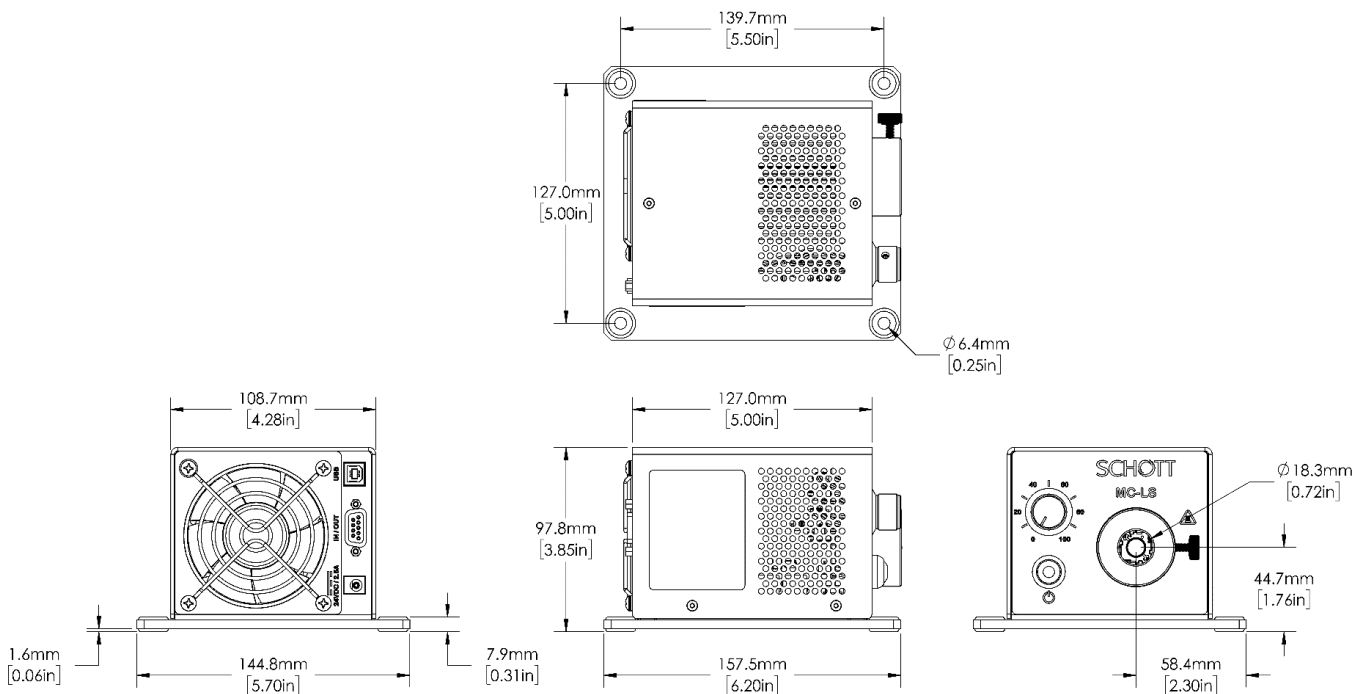
Illumination Characteristics

Luminous Flux** 850 lm (typical)

**Measured using a SCHOTT ColdVision fiber optic light guide, Ø13mm active, length 1m (A08051.40 bundle), 23°C ambient



Dimensions in inches and [mm]





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