

ColdVision MC-LS LED Light Source

for stereo microscopy applications



MC-LS Light Source, A20990

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

Features:

- Can be controlled by digital remote control via USB port (virtual RS232) or built-in 9-pin connector (analog).
- Wide range of power supplies, all compliant with international standards.
- Continuous dimming from 0-100%
- Temperature monitoring for protection of the LED light engine

Advantages:

- Robust industrial design with a small footprint and ultra-quiet operation.
- High resistance to vibration and shock
- Long-life, high-efficiency, maintenance-free LED light engine
- Low power consumption
- Over 10% higher output than EKE halogen light sources*
- Stable light output with minimal variation in color temperature
- ETL approved, RoHS compliant
- Compatible with COLDVision light guides



A20990 with gooseneck attachment



A 20990 Rear view

Specifications	
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)
Luminous flux	850 lm*
Lamp lifetime	50.000 h
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

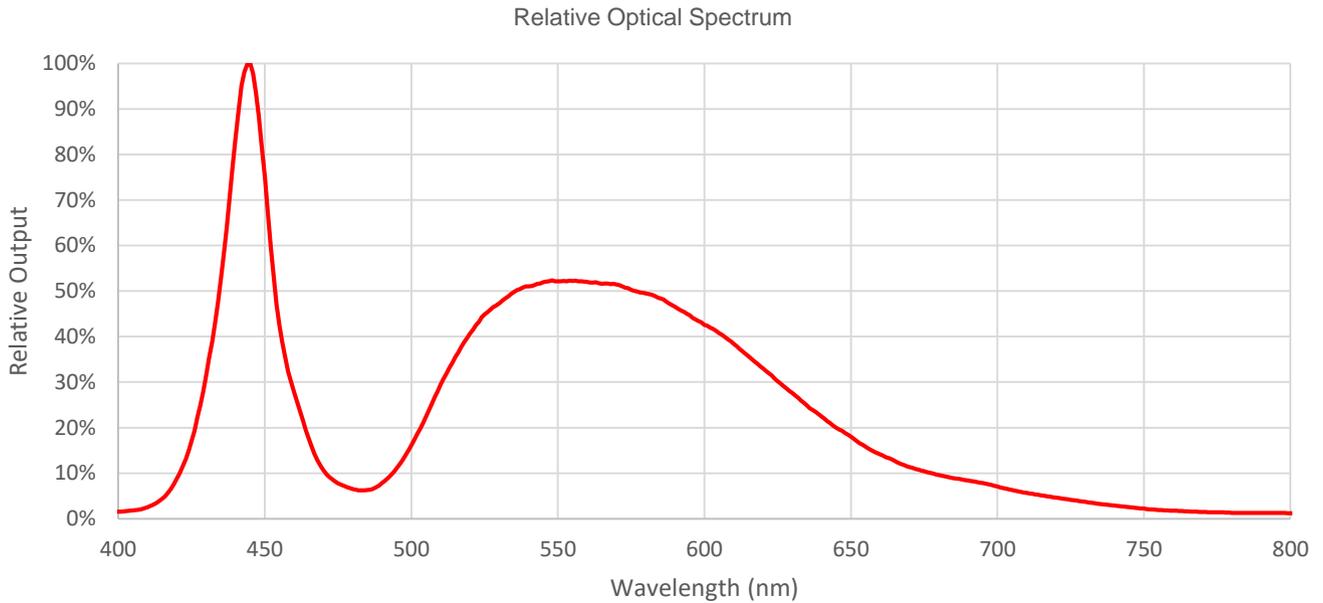
*Light sources compared at the output of a SCHOTT ColdVision fiber optic light guide, Ø13mm active, length 1m (A08051.40 bundle), 23°C ambient, typical output



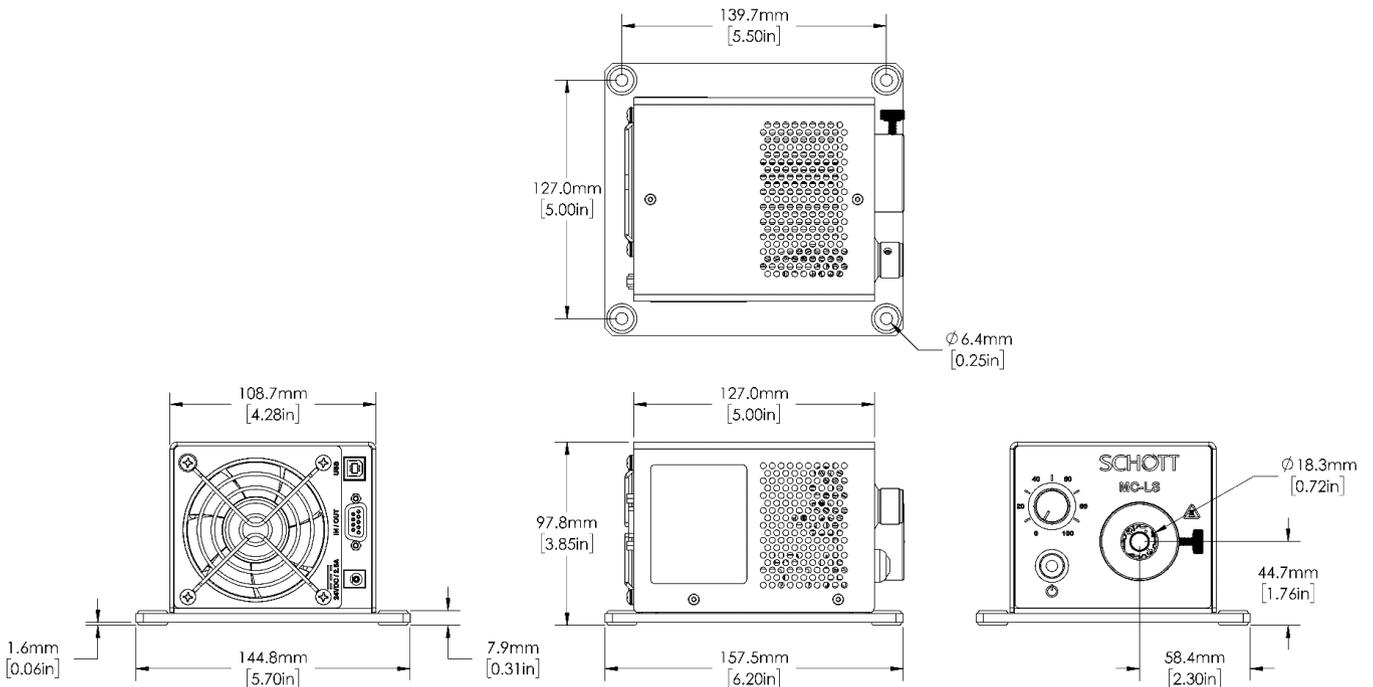
Illumination Characteristics

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]



All specifications are subject to change without prior notice. This datasheet or any extracts thereof may only be used in other publications with express permission of SCHOTT. © SCHOTT AG

Lighting and Imaging
SCHOTT AG
 Hattenbergstrasse 10
 55122 Mainz
 Germany
 Phone: +49 (0) 6131/66-7796
 Fax: +49 (0) 6131/66-7850
 lightingimaging@schott.com
 www.schott.com/coldvision

SCHOTT
 glass made of ideas