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

A 20990 Rear view

A20990 with gooseneck attachment

Product and Performance Characteristics

The SCHOTT Microscopy Light Source (MC-LS) is a variable intensity white LED light source intended for use with fiber optic light guides. This light source has a highly efficient, state of the art light engine, a simple user interface, and basic remote capabilities. The MC-LS is compatible with SCHOTT ColdVision Series fiber optics.

- Long-life, high-efficiency LED light engine with low power consumption
- Compatible with all ColdVision light guides
- Over 10% higher output than EKE halogen light sources*
- Stable light output with minimal variation in color temperature
- External control via RS-232 and Analog interfaces for automated operation
- Robust industrial design with a small footprint and quiet operation
- Thermal protection of the LED light engine
- ETL approved, RoHS compliant
- Universal input power supply

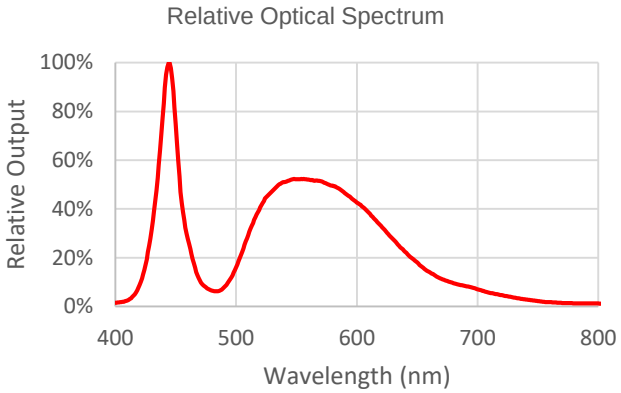
*Light sources compared at the output of a SCHOTT ColdVision fiber optic light guide, Ø13mm active, length 1m (A08051.40 bundle), 23°C ambient, typical output

Version 01.2020

SCHOTT
glass made of ideas

Illumination Characteristics

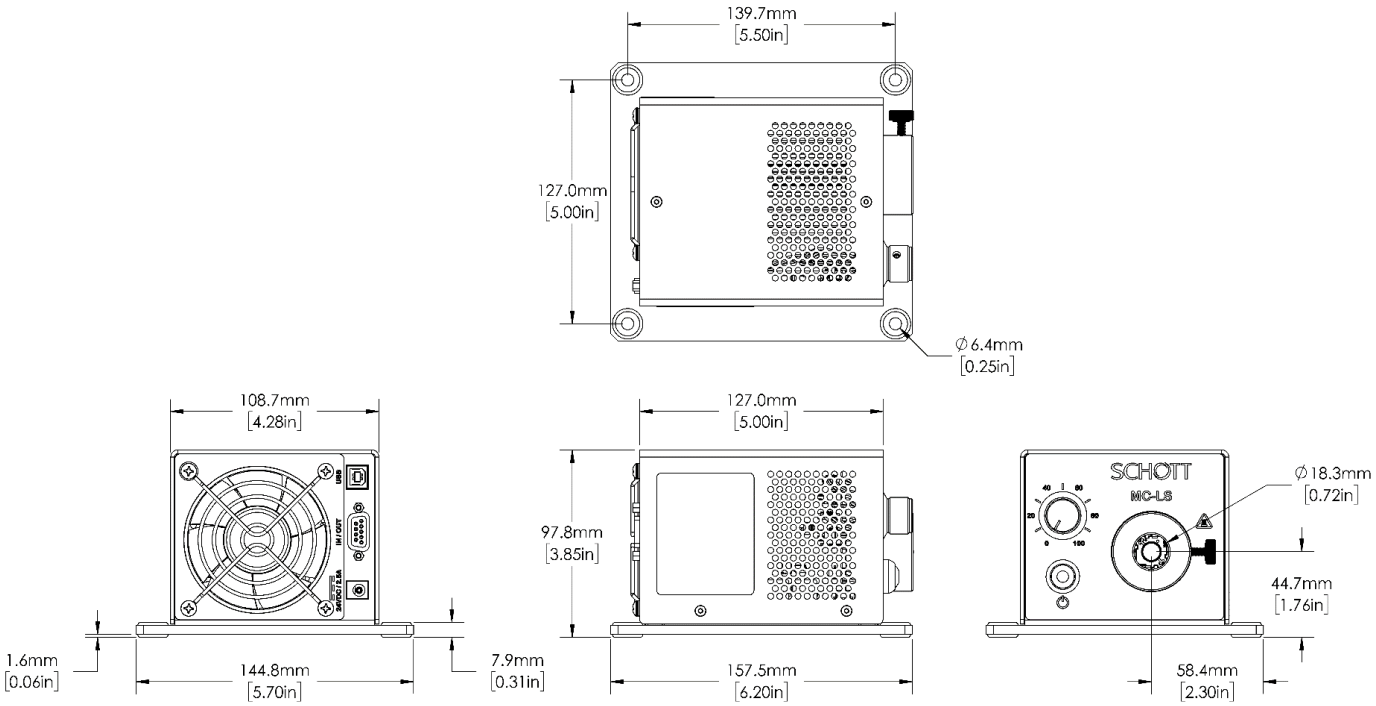
Luminous Flux** 850 lm (typical)
**Measured using a SCHOTT ColdVision fiber optic light guide, Ø13mm active, length 1m (A08051.40 bundle), 23°C ambient



Characteristics

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
Lifetime	50,000 hours

Dimensions in inches and [mm]



Lighting and Imaging
SCHOTT North America, Inc.
122 Charlton Street
Southbridge, MA 01550
USA
Phone: +1 (508) 765-9744
Fax: +1 (508) 765-1299
lightingimaging@us.schott.com
www.us.schott.com/lightingimaging

SCHOTT
glass made of ideas