

# 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

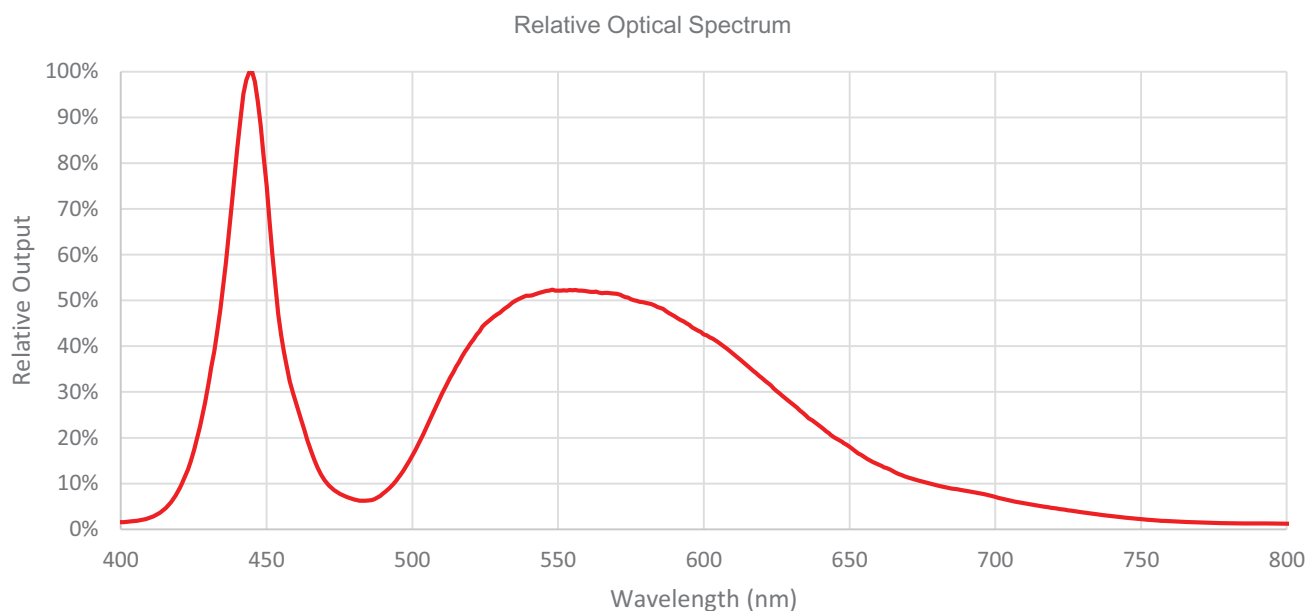
| Specifications        |   |
|-----------------------|---|
| Dimensions            | Length: 158 mm (6.2 inches)<br>Width: 145 mm (5.7 inches)<br>Height: 98 mm (3.9 inches) |
| Weight                | 2.0 kg (4.62 lbs)   |
| Luminous flux         | 850 lm*   |
| Lamp lifetime         | 50.000 h  |
| 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

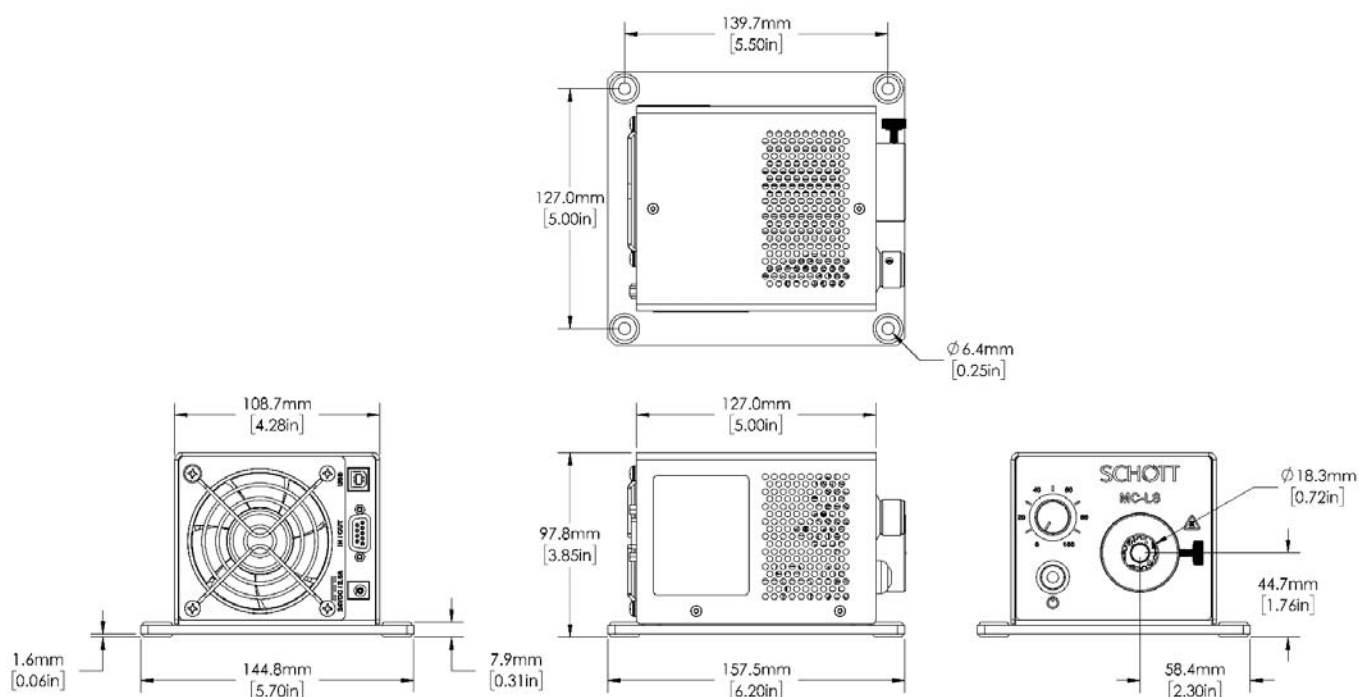
## Illumination Characteristics

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]



Distribution in the UK & Ireland



**Lambda Photometrics Limited**  
 Lambda House Batford Mill  
 Harpenden Herts AL5 5BZ  
 United Kingdom  
 E: [info@lambdaphoto.co.uk](mailto:info@lambdaphoto.co.uk)  
 W: [www.lambdaphoto.co.uk](http://www.lambdaphoto.co.uk)  
 T: +44 (0)1582 764334  
 F: +44 (0)1582 712084

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