

# MaVi-S Light Source

High Intensity Xenon Strobe Light Source for Stop Motion Imaging.

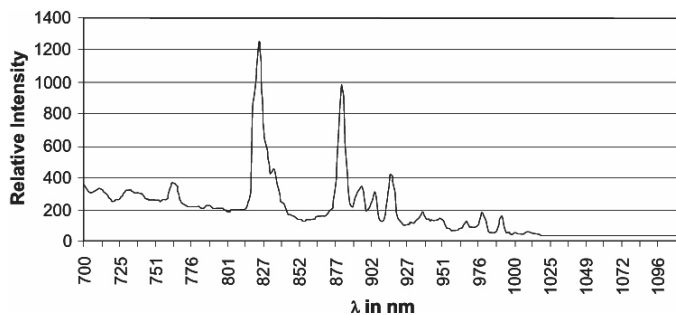


MaVi-S Light Source

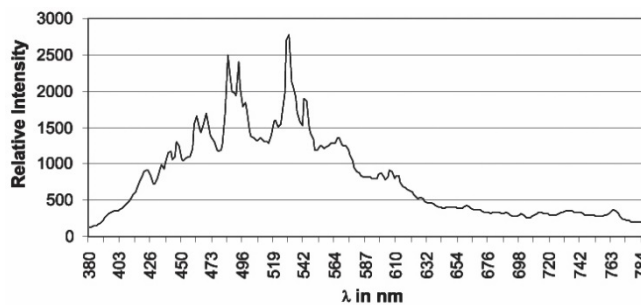
## Product and Performance Characteristics

- Coupled with ColdVision light guides, the MaVi-S emits brief and intense light pulses that result in bright, clear and high-contrast images
- High speed applications, short flash times are required as well as adjustable delays to capture the required images and information
- Applications include wafer inspection, bottle inspection, matric code reading, and diamond quality control
- CE Approved, ROHS compliant

## IR Spectrum MaVi-S (without Filter)



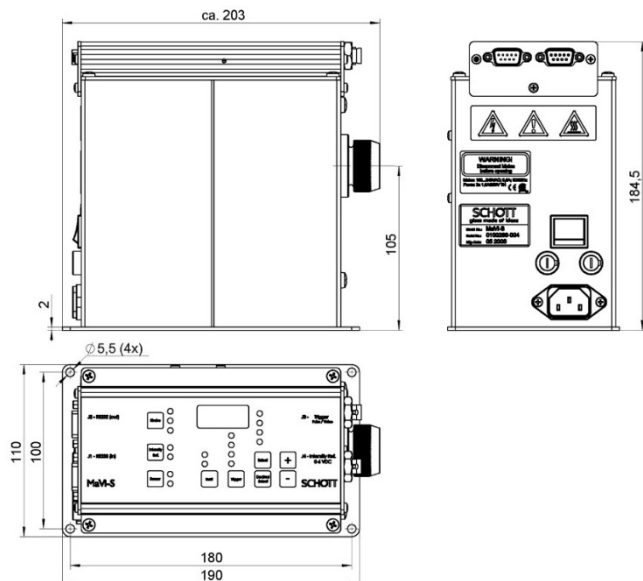
## Spectrum MaVi-S (without Filter)



## Specifications

Technical Data	
Lamp type	Xenon Flashlamp
Maximum energy	Up to 2.16 J
Frequency range	1 Hz - 200 Hz
Flash duration	Approx. 6 $\mu$ s
Pulse to pulse stability	2.5% from flash to flash with no loss of flashes
Electronic data	
Intensity regulation	Via control panel computer (RS 232) or analog input
Computer interface	Control of up to 9 MaVi-S light sources
Burst function	Generation of several flashes by one trigger pulse
Power supply	100 V - 260 V. 50 Jz - 60 Hz
Power consumption	75 Watt
Fuses	1.6 A (slow blow)
Protection class	1 (protective grounding)
Electrical safety	IEC/EN 61010 and IEC/EN 61000
Ambient Conditions	
Operating temperature	0°C to 43°C
Storage temperature	- 40°C to 90°C
Relative humidity	Max. 80 %, non condensing
Housing	
Outer dimensions	110 mm x 200 mm x 180 mm
Weight	2 kg

## RS232 Interface



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 North America, Inc.

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](mailto:lightingimaging@us.schott.com)  
[www.us.schott.com/lightingimaging](http://www.us.schott.com/lightingimaging)

**SCHOTT**  
 glass made of ideas