

# LIGHT SOURCES



- Powerful and Compact Broadband Light Sources
- Pico-second Pulsed Supercontinuum Lasers / Tungsten-Halogen / Plasma / LED
- For the Most Advanced Illumination Applications  
(Microscopy, Spectroscopy, Machine Vision and Spectral Imaging applications)

## Mighty Light – Tungsten Halogen (ML-TH)

*A compact source of low-noise white light with versatile output modules*

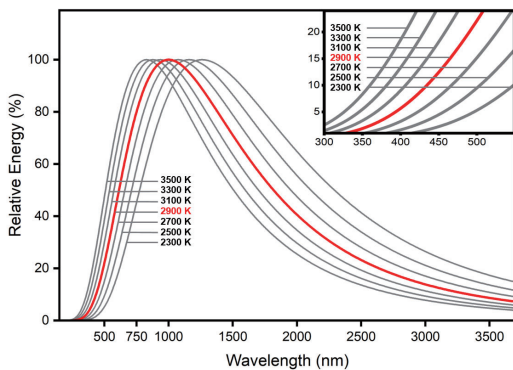
ML-TH integrates a Tungsten Halogen bulb and power supply with a control board that delivers uniquely low-noise output. By applying a series of pre-aligned bolt-on accessories, ML-TH can be directly coupled into a microscope and fiber bundle with its light beam homogenized and collimated. ML-TH can also be integrated with our unique Wavelength Selector devices to create a tunable monochromatic beam.

### Specifications

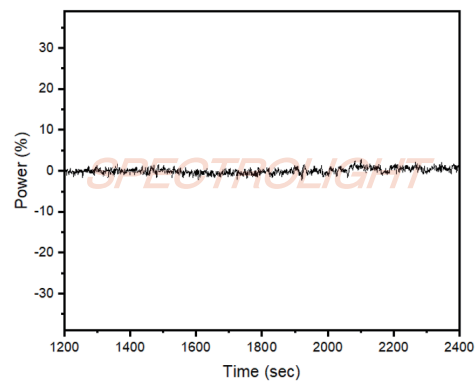
- Lamp type : Tungsten Halogen
- Spectral wavelength : 300 - 2500 nm
- Lamp power consumption : 12 W
- Power stability : < 0.5 %
- Output type : Free space with 60 degree divergence
- Bulb lifetime : ~ 300 h
- Color temperature : 2,900 K
- Dimensions (L x W x H) : 125 mm x 75 mm x 70 mm
- Power supply : DC 9 V at 3.5 A
- Electric requirement : AC 100 - 240 V, 50/60 Hz
- Weight : 0.6 kg



### Features

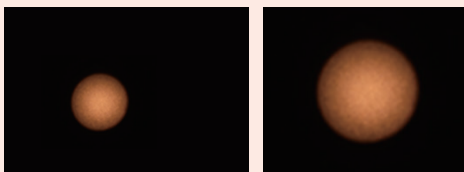


Broad output spectrum



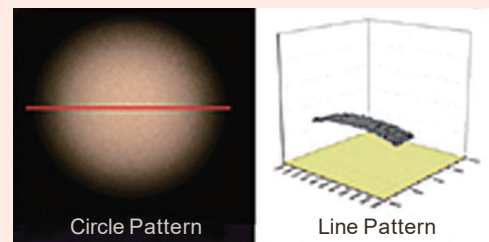
Low power fluctuation (High stability) : < 0.5 %

#### Collimated light



Collimated

Collimated (magnified)



Circle Pattern

Line Pattern

Uniform intensity when collimated