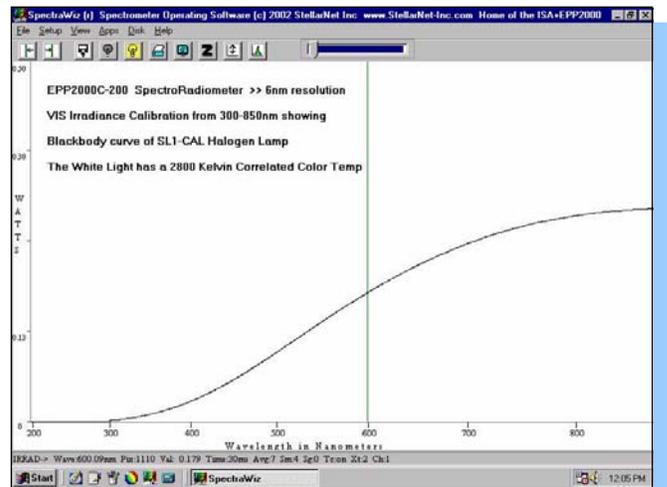


SL1 Tungsten Halogen Light Sources for VIS - NIR



- **350 nm-2200nm Spectral Range-** effective for color, reflectance and absorbance measurements
- **Extensive Life-** The SL1 has a 10,000 hour Tungsten Halogen lamp filled with Krypton gas
- **Great Compatibility/Versatility-** manipulate output with color-enhancing or signal-attenuating filters.
- **Small Footprint-** only 1.5" x 3" x 3.5"
- **Maximum Flexibility-** several models and options to choose from to meet all your application needs

- **The SL1-FILTER** includes a 0.5 inch diameter filter holder nose cone. Customers can use a variety of filters for spectral attenuation, band pass, and more. Includes filter to improve blue sensitivity.
- **SL1-CAL** is configured specifically for spectroradiometric calibrations (IRRAD-CALs). Includes diskette with intensity data that is used to irradiance calibrate any StellarNet spectroradiometer.
- **The SL1-CUV** adds a 1cm cuvette holder with integrated collimating lenses. Dual purpose allows the collimating lens to be demounted for far field emission monitoring.
- **SL1-BAT** is a unique option that adds a jack to the SL1 so it can be powered from 5VDC. Users can achieve complete portability with the BP1 battery pack for the spectrometer *and* the SL1-BAT.



SL1 Tungsten Halogen Black Body Spectrum

Light Sources and Accessories

Item	Description	
SL1	SL1 Tungsten Halogen light source - 10,000 hour	
SL1-Filter	SL1 light source with filter holder nose + special filter	
SL1-CUV	SL1 light source with integrated cuvette holder	
SL1-CAL	SL1 light source with data diskette for 300-1100nm	
SL1-BAT	Option connector allows +5V battery operation	
SL1-BLUE	SL1 with 470nm Blue LED, replacing halogen bulb	
SL1-LENS	for SL1-Filter, adds DCX+ triplet lens x4 light output	

Specifications

Weight	0.62 pounds (280 g)	Output to bulb	5VDC
Power consumption	12 watts	Output regulation	0.2%
Spectral range	300 – 2200nm	Internal filter accessory	2 inch square filter slot
Time to stabilize output	1 min	External filter slot	SL1-Filter only
Power output	200 watts	Bulb life	10,000 hours
Optical color temperature	2800K	Connector	SMA 905 30