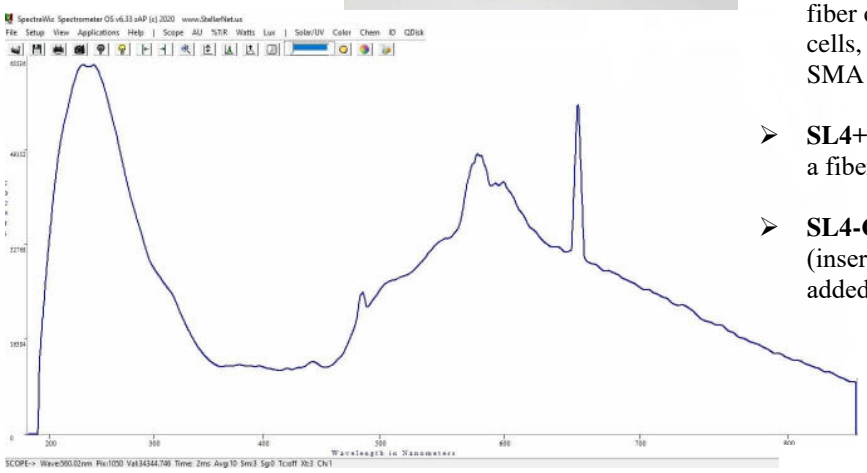
SL4 High Power Light Source for UV-VIS



- **190-2500nm Spectral Range -** Combines two light sources into one small package with deuterium bulb plus tungsten-halogen bulb in one fiber optic connection.
- **Miniature Size -** Its small size makes it a perfect match for our **BLUE-Wave** or **BLACK-*Comet*** spectrometers.
- **Dual Lamps -** The deuterium and halogen lamps can be individually turned on/off.
- **Portability -** The combination of both lamps into one small enclosure saves money and reduces complexity to provide the ultimate UV-VIS light source for portability.

➢ **The SL4 Deuterium Tungsten Halogen Light Source-**is a miniature Deuterium and halogen light source that covers the 190-2500nm range. The lamp combines the Deuterium Spectrum with the Tungsten Halogen spectrum to form a single optical path. The deuterium and halogen lamps can be individually turned on or off. The SL4 lamp connects via fiber optic cable to cuvette holders, dip probes, and flow cells, with the return signal routed to the spectrometer via SMA 905 input connector.

➢ **SL4+DCX** adds a DCX lens to amplify signal by 3-4x with a fiber optic cable.

➢ **SL4-CAL** includes irradiance data file at two points (inserted and at-plane) for UV-VIS. NIR data file can be added for an extra fee.

Great for applications that require high output power like reflectance. The SL4 does contain a deuterium spike @556nm. If you need this spike removed the SL1-SL3 combo is suggested

SL4 Light Source and Accessories

Item	Description
SL4	SL4 Deuterium / Tungsten UV/Vis/NIR Lamp
SL4-CAL	SL4 calibrated for 200-1100nm range
UP24V	24V Universal Power Adaptor
LENS-DCX	Lens DCX add-on for 3-4x gain

Specifications

Weight	1.8 lbs	**Output to bulb**	Internal
Power consumption	24 VDC	**Connector**	SMA 905
Spectral Range	190-2500nm	**External filter accessory**	Demountable
Time to stabilize output	30 s	**External filter slot**	0.5” diameter filters
Power output	> 200 W/m^2	**Note**	Deuterium spike @ 556nm
Bulb Color Temp	3000K		