

MSSLSW_{XX}

Tungsten-Halogen Light Source

UV-Vis-NIR Spectral Range

Adjustable Power Output

SMA Optical Fiber Connector

Built-in Filter Slot

Remote Control



POWERFUL AND FLEXIBLE

With W light source you have the possibility of choosing from four different tungsten-halogen lamps (7, 14, 20, and 25 watts) that range from 300- 3000 nm for the 20 watts lamp and 380-3000 nm for the 7, 14, and 25 watts lamps. The included slide filter holder allows great flexibility, including narrowing the spectral range (by using band-pass, short-pass or long-pass filters)

ADJUST THE LIGHT INTENSITY

LS-W has an adjustable power output knob to locally control the amount of light that reaches your sample.

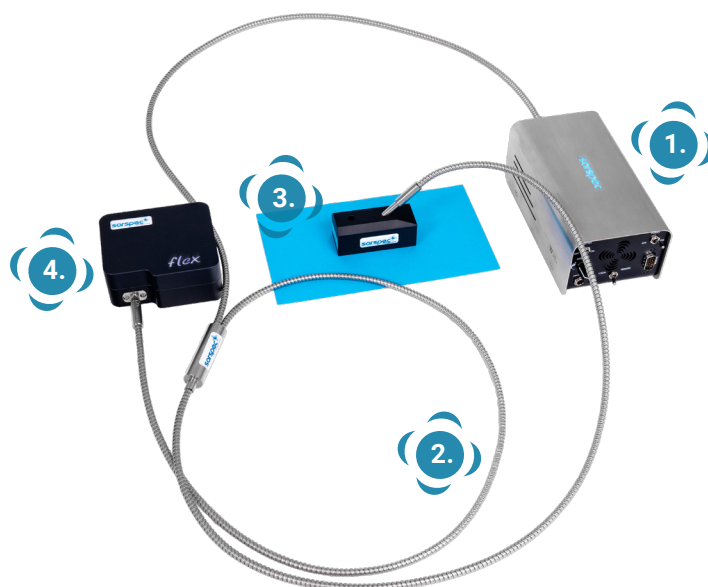
SHUTTER FOR MAXIMUM PERFORMANCE

The built-in shutter controller included on the W light source provides a simple operation for dark measurements without the need for shutting off the light source, resulting in a more stable and extended lifetime.

Reflectance (Vis Range)

SETUP EXAMPLE

1. W Light Source
2. Reflectance Probe
3. Standard Probe Holder
4. Spectrometer



Specifications Table

Specifications Table	LS-W7	LS-W14	LS-W20	LS-W25
Wavelength Range	380 - 3000 nm	380 - 3000 nm	300 - 3000 nm	380 - 3000 nm
Tungsten-Halogen lamp power	7W	14W	20W	25W
Tungsten-Halogen lamp lifetime	~ 4000 h	~ 4000 h	~ 1500 h	~ 4000 h
Power consumption (maximum)	12W	19W	25W	30W
Optical Filter Slot	Local operation		SMA Optical fiber connector	
Filter Slot and Slide Filter Holder included (holds 1 filter with 12.7mm diameter and 3mm maximum thickness)	Shutter controller, intensity control knob, Remote / Local selector		SMA 905 with adjustable focus	
Time for a stable output	Remote operation		Lamp cooler system	
Approx. 15 min.	Shutter, Lamp enabling (TTL compatible signals) and Intensity control (analog and PWM) - best with optional SPEC Hu		Air cooling	
Power requirements	Dimensions / Weight			
24 VDC/ 2 ADC	200 (L) x 92 (W) x 72 (H) mm / 1,1 kg			