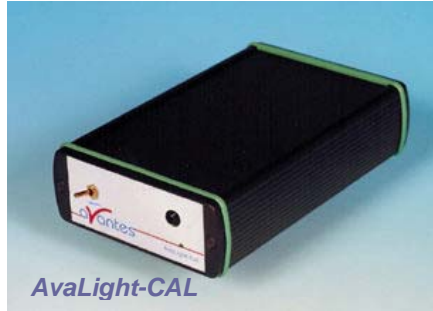


Spectral Calibration Source



The **AvaLight-CAL** is a spectral calibration lamp. It emits all mercury and argon lines from 254 to well over 965 nm. The major lines and structures are shown on the bottom surface including their relative intensity.

With the standard SMA 905 connector the lamp can quickly be attached to optical fibers, and therefore lends itself to an easy wavelength calibration of fiber optic spectrometer systems.

In the AvaSoft software an automatic recalibration option is included. The **AvaLight-CAL** can also be delivered in a rackmounted version, to be fully integrated in the 19" rackmount or 9.5" desktop housing.

Technical Specifications

Wavelength Range	Hg and Ar lines from 254 nm to 965 nm
Optical power 600µm fiber	1.6 mW
Connector	SMA 905 connector
Internal Voltage	1200 Volts AC at 30 kHz, 10 mA
Warm-up Time	1 minute for vapor stabilization
Power requirement	12VDC supply, 240 mA
Dimensions	175 x 110 x 44 mm

Spectral Lines of AvaLight-CAL

