

We offer a variety of calibration services for lamps, light sources, detectors and sensors. Services include luminance, illuminance, radiance, irradiance, color temperature, luminance intensity and total luminous flux. We have a full service calibration laboratory, which allows us to offer custom calibrations and re-calibration of photometers and radiometers to many military and industry specifications. For customized calibrations or recalibration services, please contact us for additional information.

ORDER NUMBER	CALIBRATION	DESCRIPTION	WAVELENGTH RANGE	UNITS
CT-3	COLOR TEMPERATURE	Color temperature curve - 5 measured points for CIE chromaticity coordinates and color temperature vs. lamp current. The curve is a computer generated interpolation every 25K between 1800K and 3000K.	350 TO 1100 nm	°K vs. I
LS-1	LUMINANCE OF SOURCE	Luminance calibration of source at specified lamp current	350 to 1100 nm	fL or cd/m ²
LF-1	LUMINOUS FLUX	Luminous flux of lamp and specified DC current or voltage	350 to 1100 nm	LUMENS
LI-2	LUMINOUS INTENSITY	Luminous Intensity at a specified DC current or voltage	350 to 1100 nm	CANDELA
SF-1A	SPECTRAL FLUX	Spectral flux of lamp at specified DC current or voltage.	350 to 1100 nm	W/nm
SR-3A	SPECTRAL RADIANCE	Spectral Radiance Calibration of source	350 to 1100 nm	W/nm-cm ² -sr
SR-3B	SPECTRAL RADIANCE	Spectral Radiance Calibration of Source	250 to 2500 nm	W/nm-cm ² -sr
SR-4A	SPECTRAL REFLECTANCE	Spectral Reflectance Calibration	350 to 1100 nm	R vs. λ
SR-4B	SPECTRAL REFLECTANCE	Spectral Reflectance Calibration	250 to 2500 nm	R vs. λ
SR-5S	SPECTRAL RESPONSIVITY	Spectral Responsivity Calibration - Silicon	250 to 1100 nm	A/W vs. λ
SR-5G	SPECTRAL RESPONSIVITY	Spectral Responsivity Calibration - Germanium	800 to 1800 nm	A/W vs. λ
SR-5I	SPECTRAL RESPONSIVITY	Spectral Responsivity Calibration - InGaAs	900 to 1700 nm	A/W vs. λ
ST-1A	TRANSMITTANCE	Transmittance of a filter	350 to 1100 nm	T vs. λ
ST-1B	TRANSMITTANCE	Transmittance of a filter	250 to 2500 nm	T vs. λ