



LASER POWER MEASUREMENT SYSTEMS SELECTION GUIDE

The chart below provides an overview of the standard laser power measurement systems offered by SphereOptics. Our engineers have carefully designed these systems to meet the requirements of laser power and laser diode measurement requirements. If one of our standard systems does not meet your needs, please call us for assistance in developing a cost-effective customized system to meet your application needs.

ORDER NUMBER	SPHERE DIAMETER		PORT DIAMETER		SPHERE INTERIOR	DETECTOR	RESPONSIVITY A/W	DETECTOR SPECTRAL RANGE	OPERATING TEMP
	INCHES	CM	INCHES	CM					
LMO-4-S	4	10.16	0.5	1.27	OPTOWHITE	SILICON	6.2E-5@ 850nm 5.9E-5@ 980nm	350 - 1050 nm	AMBIENT
LMO-4-I	4	10.16	0.5	1.27	OPTOWHITE	InGaAS	3.7E-5@ 980nm 2.2E-5@ 850nm	900 - 1700 nm	AMBIENT
LMO-4-G	4	10.16	0.5	1.27	OPTOWHITE	GERMANIUM	3.0E-5@ 980nm 2.0E-4@ 850nm	800 - 1800 nm	AMBIENT
LMZ-4-S	4	10.16	0.5	1.27	ZENITH	SILICON	2.1E-4@ 980nm	350 - 1050 nm	AMBIENT
LMZ-4-I	4	10.16	0.5	1.27	ZENITH	InGaAS	1.3E-4@ 980nm 6.4E-5@ 850nm	900 - 1700 nm	AMBIENT
LMZ-4-G	4	10.16	0.5	1.27	ZENITH	GERMANIUM	9.7E-5@ 980nm	800 - 1800 nm	AMBIENT

SYSTEM CALIBRATIONS

SphereOptics offers full calibration services traceable to national laboratory standards. We offer a large variety of [calibration services](#) for light sources and sensors, including luminance, illuminance, radiance and irradiance.