



Model LL200x200-flash
Large aperture laser energy meter
Ophir Fast Axial Sensor
Preliminary Specifications

Application:	Large beam high energy flash lamp array	
Spectral range	0.2 –12 μ m. Specified for 500 – 1100nm	
Active area:	175mm x 175mm	
Max energy density for 0.5 -1.1 μ m:	pulse width	max energy density for single shot
	<500ps	2 J/cm ² TBD
	0.5 – 100ns	6 J/cm ² TBD
	500us	6J/cm ²
Energy accuracy:	\pm 8%	
Time to reading approx	3s	
Linearity with energy	\pm 2%	
Beam size dependence	\pm 2% for centered beam with size > 50% of aperture TBD	
Cooling	No cooling	
Size (approximately)	200 200x200x25mm	
Cable length	1.5 meter terminated DB15 Ophir smart plug.	