

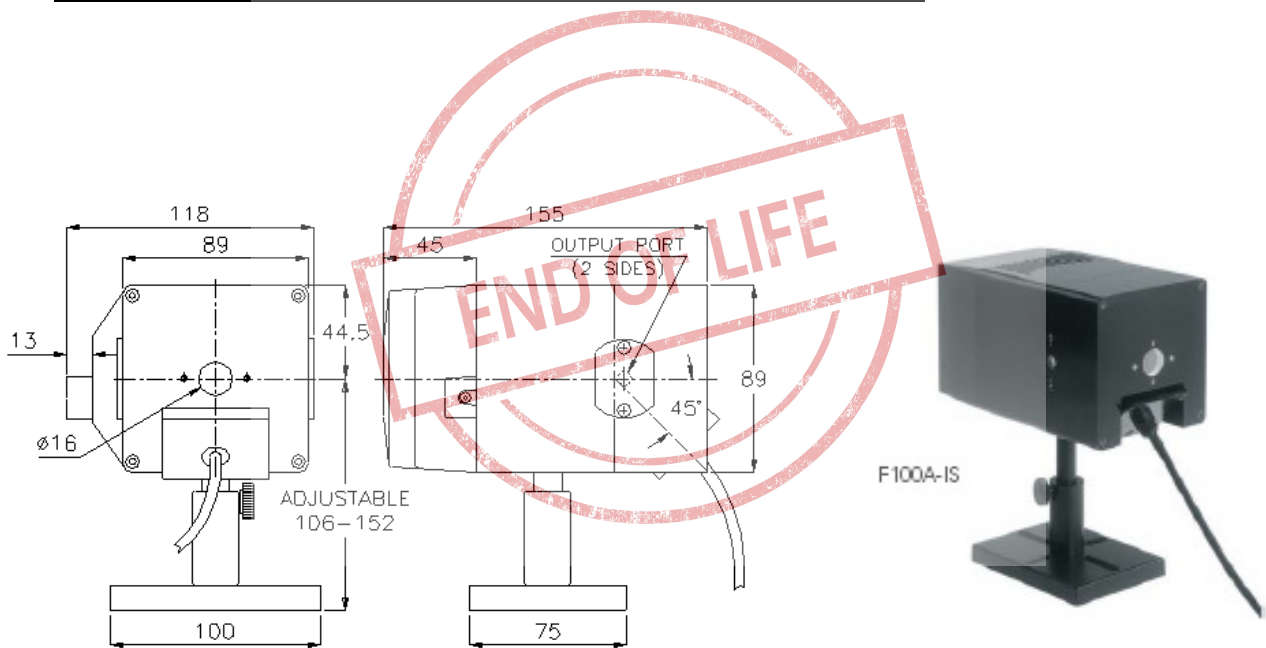
F100A-IS

CW & Single Pulsed Measurements 50mW –100W 30mJ to 100J

Recommended Use: Divergent beams, diode lasers

Special Features: Measures total power of divergent beams and has additional output fiber ports

Absorber:	Lambertian white coating with thermal detector
Spectral Range:	350 – 1300nm
Aperture:	φ 16mm
Maximum Beam Divergence:	±45 degrees
Sensitivity to Beam Size and Angle:	±2%
Fiber Ports:	2 sides fiber ports with adapters for SMA, FC, ST Input also accepts Ophir fiber adapters
Digital Power Scales:	100W / 20W / 2W
Maximum Average Power Density:	200W/cm ² on integrating sphere surface
Power Noise Level:	5mW
Power Accuracy:	±5% at wavelengths 532nm, 800nm and 1064nm
Response Time with Display (0-95%):	1s
Linearity with Power:	±1%
Energy Scales:	100J / 30J / 3J
Energy Threshold:	30mJ
Cooling:	Fan cooled



Ordering information		
Item	Description	Ophir P/N
F100A-IS	100 Watt integrating sphere power/energy meter	1Z02510 / 7Z02510 (RoHS)

Rev7/spc/06.11.07/eg

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