

L18 Specifications

Photodetector:	18mmX18mm Lateral Effect (L18) 16mm calibrated diameter
Usable Beam Size range:	50 μm < diameter < 16 mm
Position Measurement range:	16mm diameter circle maximum centered on the Detector center
Position resolution:	Better than +/- 1 μm
Position accuracy:	+/- 100 μm over 16mm diameter calibrated area
Operational Spectral range:	350 – 1100 nm
Power range:	10 μW to 10 mW
Power Accuracy:	+/-5%

(*) To maintain full calibration accuracy, attenuating optical filters (ND) may be necessary for operation with beams greater than 1 mW. Saturating “non-linear” effects depend on the beam size, type and wavelength. Caution should be exercised when using the lateral effect detector above 1-3mW.