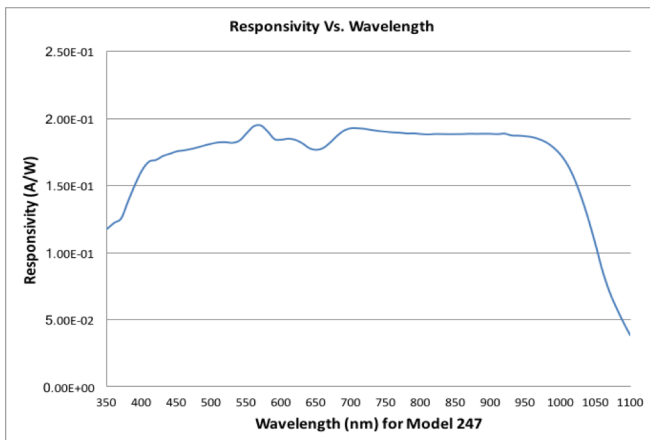


UDT Model 247 Flat Response Radiometric Sensor



The model 247 radiometric sensor includes a precision radiometric filter for flat response from the blue to the near-infrared. This sensor assembly is popular for its high linearity and low noise performance.

Our wide range of optical power meters, photometric and radiometric sensors is complemented by ISO/IEC 17025 accreditation by NVLAP (NVLAP lab code 200823-0), resulting in unmatched performance and custom configuration as required.



Key Specifications	Part No. U23-01-168
Key Features	Spectral Flatness > 93% from 450 – 950 nm
Detector Information	Silicon 1.0 cm ² active area
Rise Time	3 μ sec
Dynamic Range	1.3×10^{-10} to 6.4×10^{-3} W
Typical Response	1.9×10^{-1} A/W @ 630 nm
Calibration Range	350 to 1100 nm in 10 nm steps
Cable	2 meter, included
Compatible with the UDT Handheld and Benchtop series Optical Meters and Integrating Spheres.	

