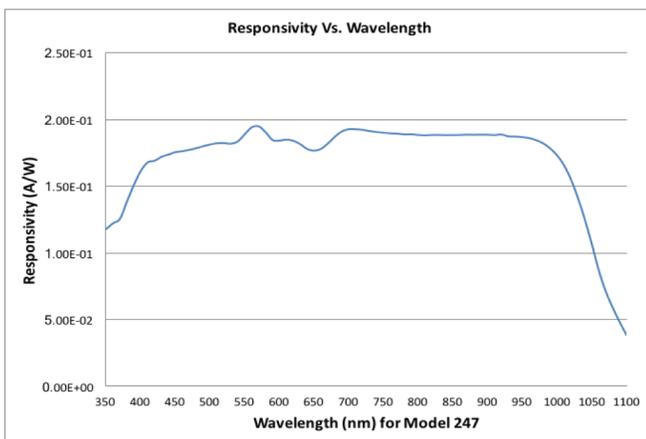


## UDT Model 247 Flat Response Radiometric Sensor



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 <sup>2</sup> active area
Rise Time		3 μ sec
Dynamic Range		1.3 x 10 <sup>-10</sup> to 6.4 x 10 <sup>-3</sup> W
Typical Response		1.9 x 10 <sup>-1</sup> 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.		

