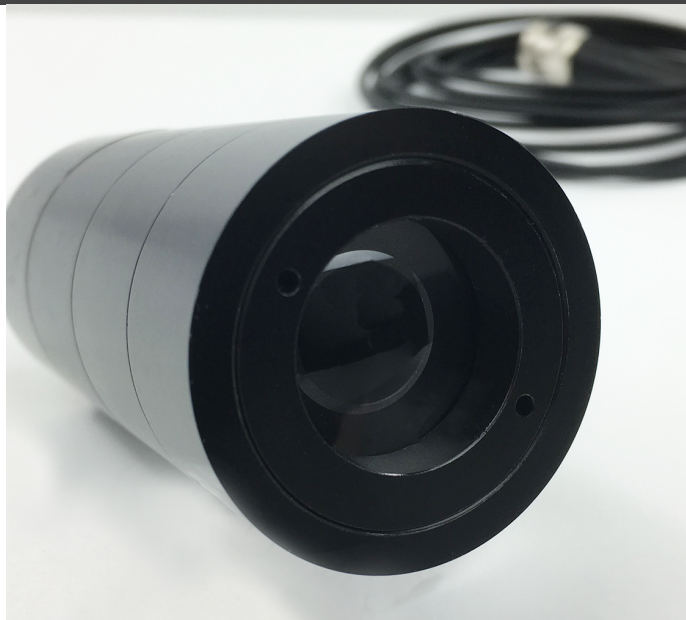
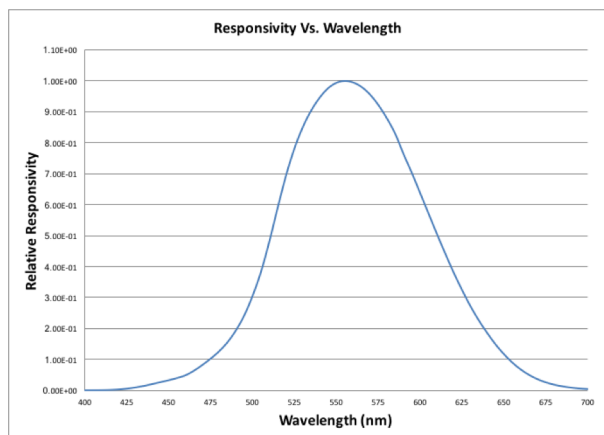


## UDT Model 2153V-12.5 Photometric Sensor



The model 2153V-12.5 is our standard Luminance sensor with an integral lens that provides a fixed field of view (FOV) of 12.5 degrees\*. It is ideally suited for measurement of the brightness of diffuse surfaces or uniform light sources, such as the intensity of displays.

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. 68411-08   |
|---|---|
| Measurement Units   | nit (cd/m <sup>2</sup> ) or foot-lamberts                         |
| CIE V (λ) Function  | f1' ≤ 3%  |
| Detector Information  | Silicon 1 cm <sup>2</sup> active area                             |
| Rise Time   | 3 μ sec   |
| Dynamic Range   | 1.0 x 10 <sup>-2</sup> to 1.0 x 10 <sup>6</sup> cd/m <sup>2</sup> |
| Typical Response  | 1.483 x 10 <sup>-9</sup> cd/m <sup>2</sup>                        |
| Calibration   | ISO 17025, NIST Traceable   |
| Cable   | 2 meter BNC, included   |
| * Other FOV's available on request: 1, 2, 3, 4, 7, 8.5 or 10°<br>Compatible with the UDT Handheld and Benchtop series Optical Meters. |   |

