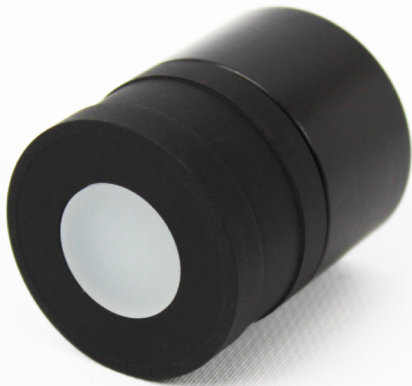


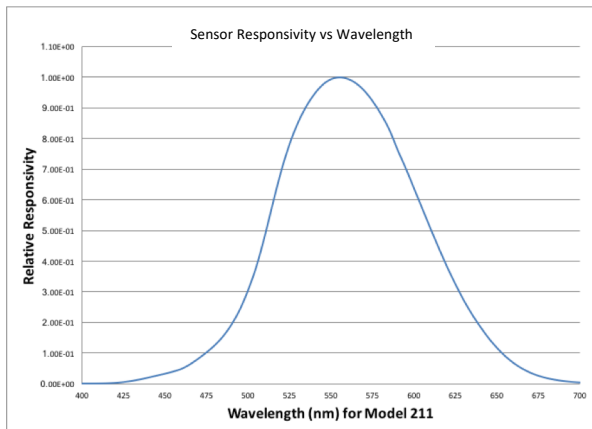
UDT Model 3211 Photometric Sensor



The model 3211 Photometric sensors are designed with spectral responsivity that matches the human visual response, incorporating a silicon detector combined with a spectrally matched photometric filter. This matched photometric filter and cosine diffuser lowers the error in spectral matching, particularly in the blue and violet portion of the spectrum. The integrated cosine filter significantly reduces directional sensitivity for ease of use.

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.

- Luminous Flux Measurements (lm)
- Illuminance Measurements (lux)
- Luminous Intensity Measurements (cd)



Key Specifications	Part No. U68224
CIE V (λ) Function	$f1' \leq 2.5\%$
Detector Information	Silicon 1.0 cm ² active area
Rise Time	3 μ sec
Dynamic Range ⁽¹⁾	1 x 10 ⁻² to 5 x 10 ⁵ lux
Typical Response ⁽¹⁾	3.2 x 10 ⁻⁹ A/lux
Calibration	ISO17025, NIST Traceable
Cable	2 meter, included

Compatible with the UDT Handheld and Benchtop series Optical Meters and Integrating Spheres.

(1) Stand alone with cosine receptor. Value may differ when used with integrating sphere, or with cosine receptor removed.

