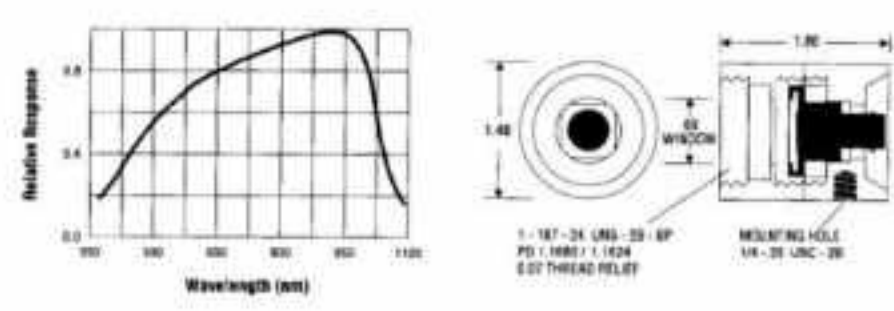


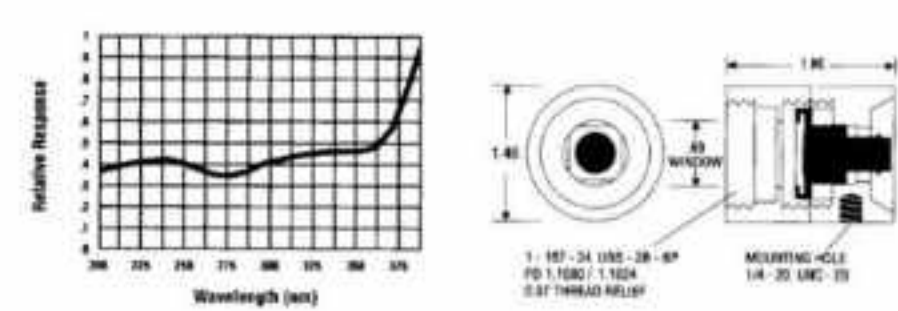
Model 221 Silicon Sensor Head



The Model 221 is UDTI's basic silicon sensor. It can be adapted for use with Standard Series accessories.

- **Standard Calibration(s):** Watt
- **Sensor Active Area (cm²):** 1
- **Dynamic Range:** 5.0E-11 – 2.4E-03 W
- **Calibration Range:** 350 – 1100 nm in 10 nm steps
- **Typical Response:** 5.1E-01 A/W @980 nm
- **Features:** High linearity; low noise
- **Peak Wavelength (nm):** *
- **Compatible Components:** All Standard Series accessories. (Filters; diffusers; integrating spheres; spacers; etc.)

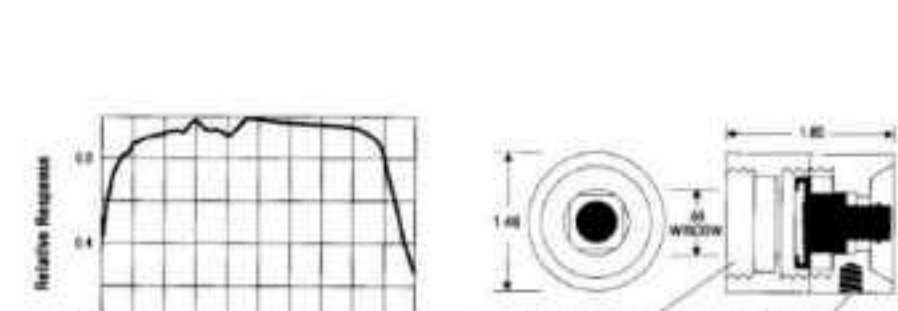
Model 222 UV Sensor Head



The Model 222 is a Standard Series silicon UV sensor calibrated in the UV region (200 – 400 nm).

- **Standard Calibration(s):** Watt
- **Sensor Active Area (cm²):** 1
- **Calibration Range:** 200 – 400 nm in 10 nm steps
- **Dynamic Range:** 100E-12 – 7.2E-03 Watts
- **Typical Response:** 1.65E-01 A/W @400 nm
- **Features:** High linearity; low noise

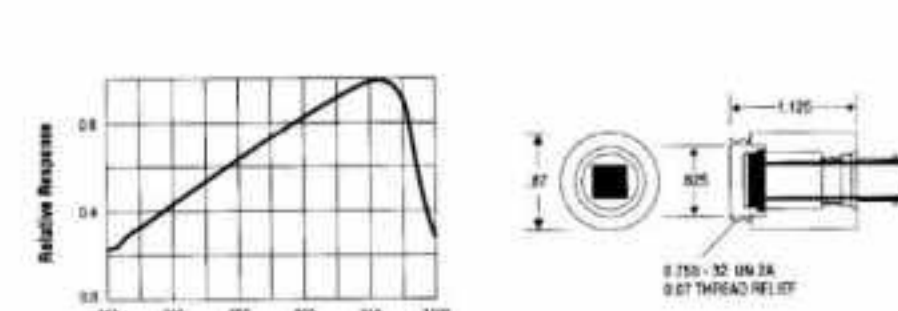
Model 247 Flat Response Sensor Head



The Model 247 is UDTI's Standard Series flat response radiometric sensor. It can be adapted for use with Standard Series accessories.

- **Standard Calibration(s):** Watt
- **Sensor Active Area (cm²):** 1
- **Dynamic Range:** 1.3E-10 – 6.4E-03 W
- **Calibration Range:** 350 – 1100 nm in 10 nm steps
- **Typical Response:** 1.9E-01 A/W @630 nm
- **Features:** Precision Radiometric Filter
- **Spectral Flatness:** 5%-7% over the spectral range: 450-950 nm
- **Compatible Components:** Standard Series Accessories (diffusers, integrating spheres, spacers, etc.)

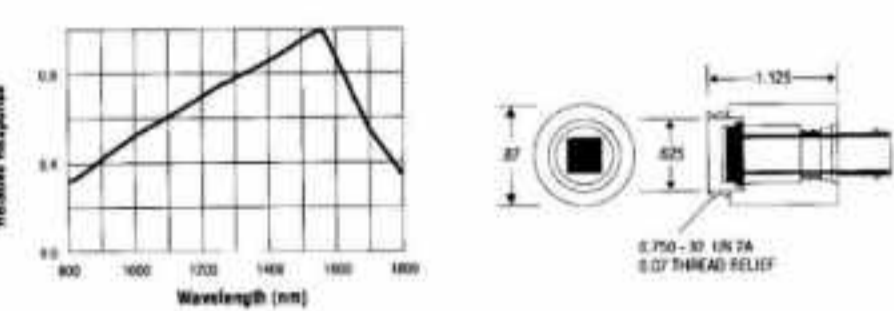
Model 260 Silicon Sensor Head - Miniature



The Model 260 is UDTI's Miniature Series silicon sensor. It can be adapted for use with Miniature Series integrating spheres and other accessories.

- **Standard Calibration(s):** Watt
- **Sensor Active Area (cm²):** 0.34
- **Dynamic Range:** 5.0E-11 – 1.5E-03 W
- **Calibration Range:** 350 – 1100 nm in 10 nm steps
- **Typical Response:** 5.1E-01 A/W @980 nm
- **Features:** High linearity; low noise. Small package design.
- **Peak Wavelength (nm):** *
- **Compatible Components:** All Miniature Series accessories. (Filters; diffusers; integrating spheres; spacers; etc.)

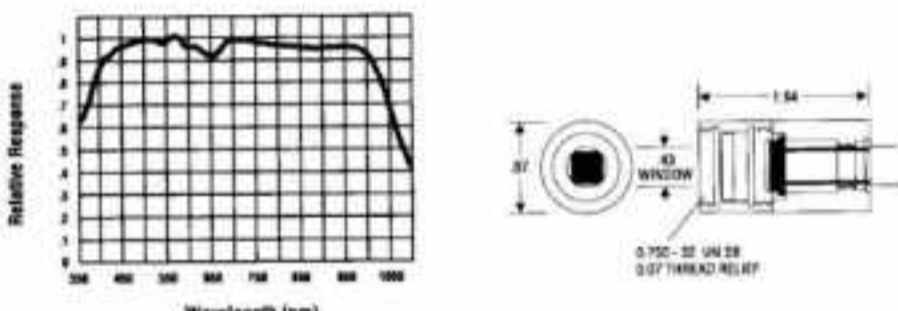
Model 261 Germanium Sensor Head



The Model 261 is UDTI's Germanium (Ge) sensor. It can be adapted for use with Miniature Series integrating spheres and other accessories.

- **Standard Calibration(s):** Watt
- **Sensor Active Area (cm²):** 0.5
- **Dynamic Range:** 5.0E-10 – 6.0E-03 W
- **Calibration Range:** 800 – 1750 nm in 10 nm steps
- **Typical Response:** 7.6E-01 A/W @1300 nm
- **Features:** Responsive over a range of telecommunication wavelengths.
- **Peak Wavelength (nm):** *
- **Compatible Components:** Miniature Series integrating spheres; and Standard series integrating spheres (with Model 1718 step-up adaptor)

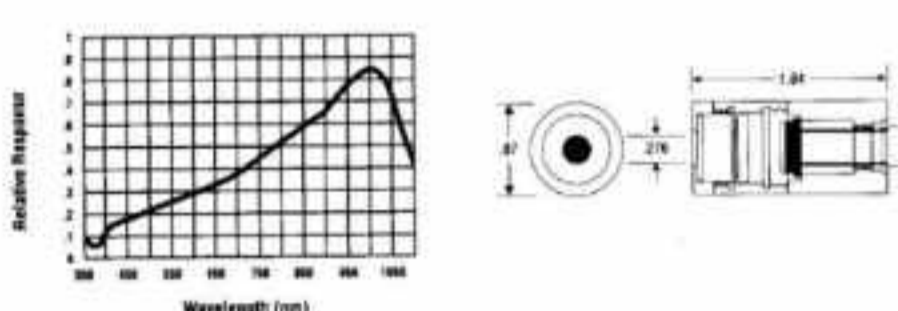
Model 262 Flat Response Sensor Head - Miniature



The Model 262 is UDTI's Miniature Series flat response radiometric sensor. It can be adapted for use with Miniature Series accessories.

- **Standard Calibration(s):** Watt
- **Sensor Active Area (cm²):** 0.34
- **Dynamic Range:** 1.3E-10 – 4.0E-03 W
- **Calibration Range:** 350 – 1100 nm in 10 nm steps
- **Typical Response:** 1.9E-01 A/W @630 nm
- **Features:** Precision Radiometric Filter
- **Peak Wavelength (nm):** *
- **Compatible Components:** Miniature Series accessories (diffusers; integrating spheres; spacers; etc.)

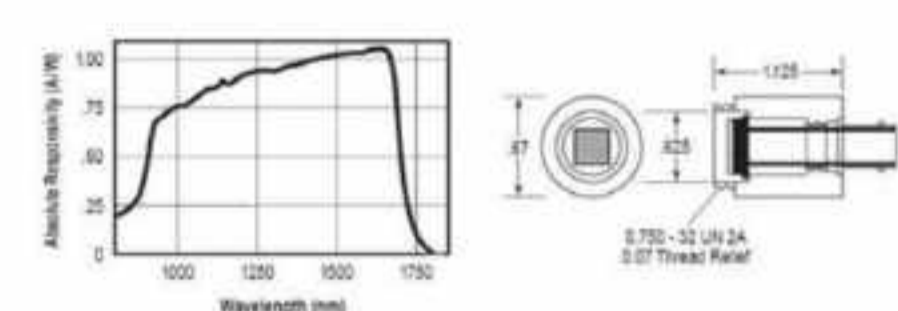
Model 264 Laser Sensor Head



The Model 264 is a Miniature Series sensor specifically designed for laser power measurement. It consists of a Model 260 type sensor with a built-in diffuser and reduced aperture for attenuation of optical power.

- **Standard Calibration(s):** Watt – at single user-specified wavelength (350 – 1100 nm)
- **Aperture Diameter (mm):** 7
- **Dynamic Range:** 3.5E-08 – 4.0E-02 W
- **Typical Response:** 2.4E-03 A/W @630 nm
- **Features:** Laser Attenuator (diffuser)

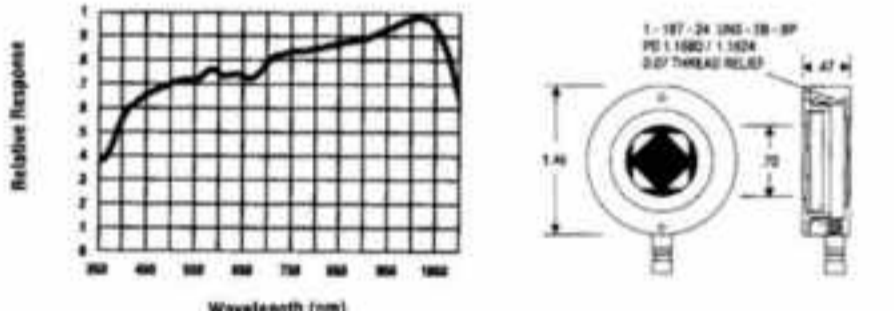
Model 280 InGaAs Sensor Head



The Model 280 is UDTI's Indium-Gallium-Arsenide (InGaAs) sensor. It can be adapted for use with Miniature Series integrating spheres and other accessories.

- **Standard Calibration(s):** Watt
- **Aperture Diameter (mm):** 3
- **Dynamic Range:** 1.4E-04 – 2.2E-03 W
- **Calibration Range:** 800 – 1750 nm in 10 nm steps
- **Typical Response:** 9.5E-01 A/W @1550 nm
- **Features:** Dynamic range: -8.5 to +3.5 dBm. Very low noise. Optimal sensor for measurement at 1550 nm.
- **Compatible Components:** Miniature Series integrating spheres; and Standard series integrating spheres (with Model 1718 step-up adaptor)

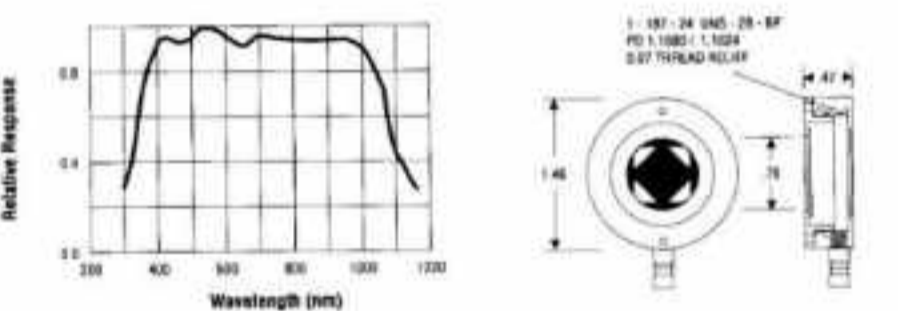
Model 268LP Laser Sensor Head - Low Profile



The Model 268LP is a low-profile illuminance sensor designed for applications with limited mechanical clearance. Like the Model 211 it consists of a silicon sensor with a spectrally matched photometric filter and a cosine diffuser to reduce directional sensitivity.

- **Standard Calibration(s):** lux; fc
- **Photometric Filter Accuracy:** < 1.0%
- **CIE V(λ) Function:** < f1' ≤ 3%
- **Sensor Active Area (cm²):** 1
- **Dynamic Range:** 1.0E-03 – 2.0E+04 lux
- **Features:** High accuracy photometric filter (f1 < 3%)

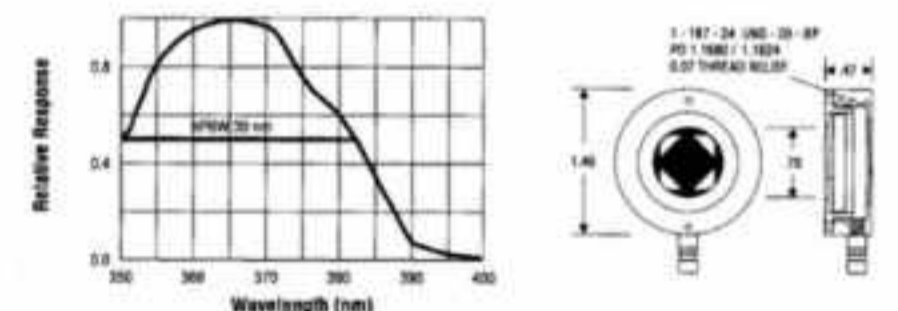
Model 268R Flat Response Sensor Head - Low Profile



The Model 268R is a Low-Profile Series flat response radiometric sensor.

- **Standard Calibration(s):** Power (W) at user-specified wavelength
- **Sensor Active Area (cm²):** 1
- **Dynamic Range:** 1.3E-10 – 6.0E-03 W
- **Calibration Range:** 350 – 1100 nm in * nm steps
- **Typical Response:** 2.0E-01 A/W @633 nm
- **Features:** Radiometric Filter; 4.5 inch "lollipop"-style handle.
- **Spectral Flatness:** 5%-7% over the 450 – 950 nm range

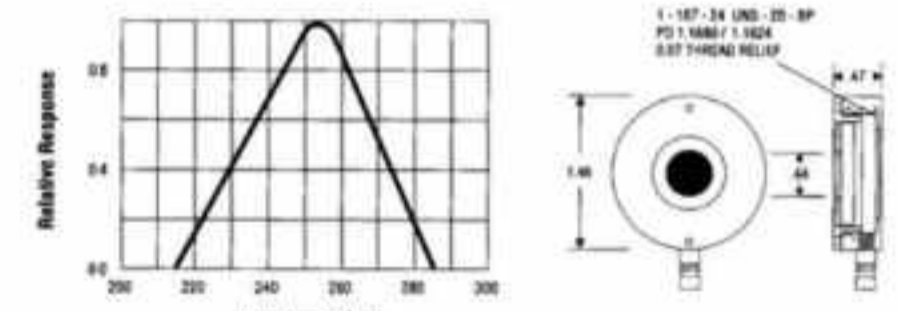
Model 268UVA Optimized Sensor Head



The Model 268UVA is a Low-Profile Series radiometric sensor optimized for measurements in the UVA region (320 – 400 nm)

- **Standard Calibration(s)** – Irradiance (W/cm²) at 365 nm
- **Sensor Active area (cm²)** – 1
- **Aperture Diameter (nm)** – 18
- **Dynamic Range** – 5.0E-10 – 1.0E-01 W/cm²
- **Typical Response** – 2.0E-02 A/W/cm² @365 nm
- **Features** – 365 nm Bandpass Filter; internal opal glass diffuser

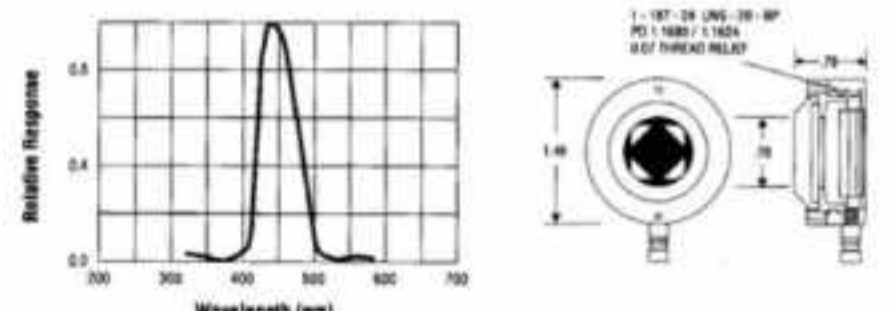
Model 268UVC Optimized Sensor Head



The Model 268UVC is a Low-Profile Series radiometric sensor optimized for measurements in the UVC region (200 – 280 nm).

- **Standard Calibration(s)** – Irradiance (W/cm²) at 254 nm
- **Sensor Active area (cm²)** – 1
- **Aperture Diameter (nm)** – 11
- **Dynamic Range** – 5.0E-08 – 5.0E-01 W/cm²
- **Typical Response** – 2.4E-03 A/W/cm² @254 nm
- **Features** – 254 nm Bandpass Filter; internal Teflon diffuser

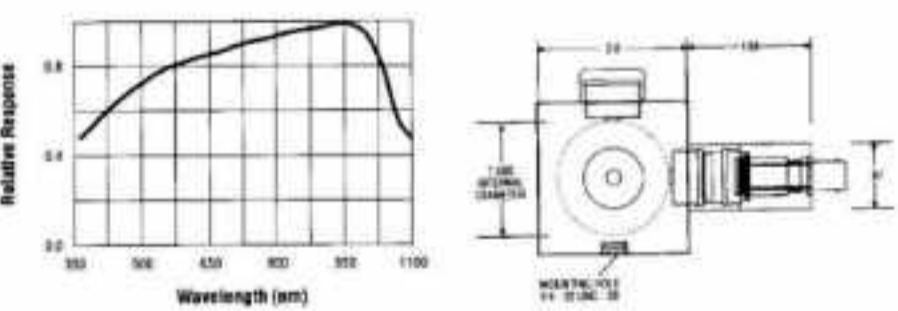
Model 268BLUE UV/Blue Optimized Sensor Head



The Model 268BLUE is a Low-Profile Series radiometric sensor optimized for measurements in the blue region centered at 450nm.

- **Standard Calibration(s)** – Irradiance (W/cm²) at 450 nm
- **Sensor Active area (cm²)** – 1
- **Dynamic Range** – 5.0E-10 – 5.0E-02 W/cm²
- **Typical Response** – 3.1E-02 A/W/cm² @450 nm
- **Features** – 450 nm Bandpass Filter; Cosine Diffuser

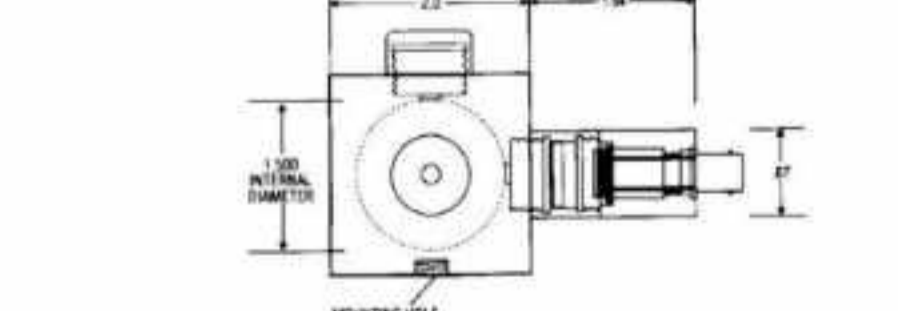
Model S2575 Silicon Sensor/Minisphere



The Model S2575 consists of a Model 260 Silicon sensor coupled to a Model 2575 Integrating sphere.

- **Standard Calibration(s):** Power (W) at user-specified wavelength
- **Dynamic Range:** 3.0E-08 – 9.5E-01 W
- **Calibration Range:** 450 – 1100 nm in * nm steps
- **Typical Response:** 1.7E-03 A/W @940 nm
- **Features:** Mini Integrating Sphere
- **Sphere Diameter (mm):** 50
- **Entrance Aperture Diameter (mm):** 5

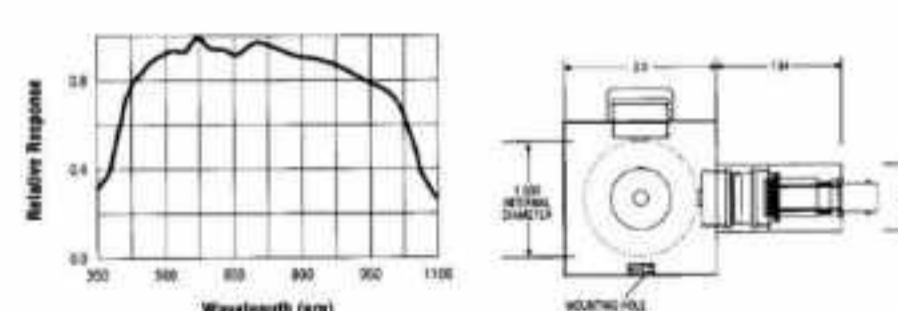
Model S2575GE Germanium Sensor/Minisphere



The Model S2575GE consists of a Model 261 Germanium sensor coupled to a Model 2575 Integrating sphere.

- **Standard Calibration(s):** Power (W) at 1300 nm and 1550 nm
- **Dynamic Range:** 3.0E-09 – 1.6E+00 W
- **Calibration Range:** 800 – 1750 nm in * nm steps
- **Typical Response:** 1.9E-03 A/W @1300 nm
- **Features:** Mini Integrating Sphere
- **Sphere Diameter (mm):** 50
- **Sphere Diameter (mm):** 5

Model S2575R Flat Response Sensor/Minisphere



The Model S2575R consists of a Model 262 Flat-reponse sensor coupled to a Model 2575 Integrating sphere.

- **Standard Calibration(s):** Power (W) at user specified wavelength
- **Dynamic Range:** 6.0E-08 – 1.8E+00 W
- **Calibration Range:** 350 – 1100 nm in * nm steps
- **Typical Response:** 9.0E-04 A/W @740 nm
- **Features:** Radiometric Filter; Mini Integrating Sphere
- **Sphere Diameter (mm):** 50
- **Sphere Diameter (mm):** 5