

# Thermopile Sensors with UV Coating

10 mW to 30W



Model PM2X, PM10X, PM30X

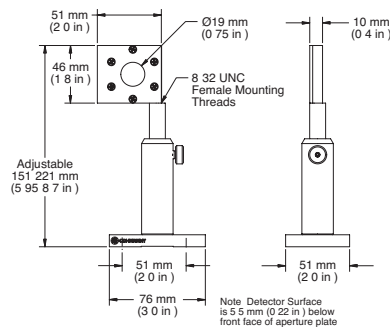
## Features

- UV coating is optimized for DUV
- Spectral range: 0.15  $\mu\text{m}$  to 1  $\mu\text{m}$
- 1 mW to 10 mW resolution
- 19 mm apertures

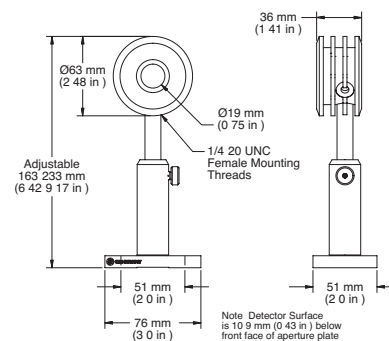
The following sensors are similar to models shown on previous pages, except they incorporate a UV coating that is optimized for use at ultraviolet wavelengths. Spectral compensation allows the sensors to be used from 157 nm to 1064 nm.

Device Specifications	Model	PM2X	PM10X	PM30X
	Wavelength Range ( $\mu\text{m}$ )		0.15 to 1	
	Power Range	10 mW to 2W	10 mW to 10W	100 mW to 30W
	Long-Pulse Joules Range (J)	0.5 to 2	0.5 to 10	0.5 to 50
	Max. Intermittent Power ( $\leq 5$ min.)(W)	5	30	50
	Resolution (mW)	1	1	10
	Max. Power Density		6 kW/cm <sup>2</sup>	
	Max. Energy Density		0.6 J/cm <sup>2</sup> , 1064 nm, 10 ns	
	Response Time (sec.)		2	
	Detector Coating		UV	
	Active Area Diameter (mm)		19	
	Calibration Uncertainty (%) (k=2)		$\pm 1$	
	Calibration Wavelength (nm)		514	
	Cooling Method		Air-cooled	
	Cable Type		PM DB-25	
	Cable Length (m)		2	
	Part Number	1098457	1098423	1098498

PM2X



PM10X



PM30X

