



# PAR SENSOR AND PYR SOLAR RADIATION SENSOR INSTALLATION INSTRUCTIONS

## METER

### Preparation

Inspect and verify components are intact. Installation will require a mounting pole with a 31.8- to 50.8-mm (1.25- to 2.00-in) diameter and mounting hardware (bracket). Before beginning installation, consider the surroundings and avoid obstructions.

Set up and test the system (sensors and data loggers) in a lab or office. Ensure the data loggers are using up-to-date firmware and software. Check the following locations for firmware and software updates:

ZL6 [metergroup.com/environment/products/zl6/#support](http://metergroup.com/environment/products/zl6/#support)  
Other [metergroup.com/environment/articles/buy-browse-meter-legacy-data-loggers/](http://metergroup.com/environment/articles/buy-browse-meter-legacy-data-loggers/)

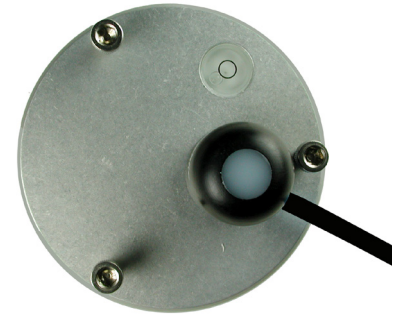
Read the PAR specifications at [metergroup.com/par](http://metergroup.com/par). Read the PYR specifications at [metergroup.com/pyr](http://metergroup.com/pyr).

Sensor	Spectral Range	Measurement Range	Resolution
PAR	410–655 nm	0–4,000 $\mu\text{mol m}^{-2} \text{s}^{-1}$	2 $\mu\text{mol m}^{-2} \text{s}^{-1}$
PYR	360–1,120 nm	0–1,750 $\text{W m}^2$	1 $\text{W m}^2$

All products have a 30-day satisfaction guarantee.

### Installation

The sensor should be mounted with the cable pointing toward the nearest magnetic pole. For example, in the Northern Hemisphere, point the cable toward the North Pole. Make sure that the domed sensor body is kept horizontal. Use the leveling plate to ensure the sensor is level. Plug the sensor cable into the data logger. Use data logger software to apply appropriate settings to the sensors plugged into each data logger port. Relieve strain on the connections and prevent loose cabling from being inadvertently snagged by gathering and securing the cables between the sensor and the data logger to the mounting pole in one or more places.



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