

SPECIFICATIONS

Range:

0-1750 W m⁻² (0-350 mV)

Sensor Dimensions:

2.4 x 2.75 cm

Cable Length:

3 m

Par Photon Flux Sensor

The PAR Photon Flux sensor measures the Photosynthetic Photon Flux (PPF) in $\mu\text{mol m}^{-2} \text{s}^{-1}$. from a field of view of 180 degrees. It is completely water proof, submersible, and designed for continuous outdoor use.

The cosine-corrected head has a domed diffusion disk for improved self-cleaning. The diffusion disk is composed of characterized pigments for improved spectral response. Accurate measurement depends on cleanliness of the lens, and installation at horizontal (180°). A leveling plate is included for accurate installation.

For use with the Em50 Data logger.

Conversion:

Sensors are calibrated for outside use.



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