



This sensor measures the UV radiation between 250 and 400 nanometers in $\mu\text{mol m}^{-2} \text{s}^{-1}$ (micromoles of photons per square meter second).

SPECIFICATIONS

OUTPUT	Calibrated to approximately 0.1 mV per $\mu\text{mol m}^{-2} \text{s}^{-1}$
RANGE	0 to 400 $\mu\text{mol m}^{-2} \text{s}^{-1}$ (full UV in sunlight: 170 $\mu\text{mol m}^{-2} \text{s}^{-1}$)
INPUT POWER	None, self-powered
OPERATING ENVIRONMENT	Designed for continuous outdoor use. Can be submerged underwater.
MATERIALS	Photodiode with a fully-potted PVC head.
CABLE	3 meters of shielded, twisted-pair wire with Santoprene casing, ending in pigtail leads. Sensors can be built with additional cable for meter
DIMENSIONS	2.4 cm diameter, 2.75 cm high
MASS	70 g (with 3 meters lead wire)
WARRANTY	1 year parts and labor