

# Quantum Sensors

New blue lens filters spectra for improved response

For orders out of the USA add 10% to the list price

## Quantum Sensors

US Patent No. D519,860  
Additional patents anticipated



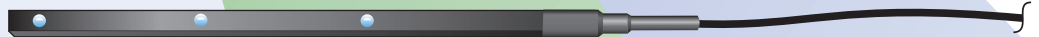
Calibrated for electric light,  
QSO-E, \$139

Calibrated for sunlight,  
QSO-S, \$139

## Line Quantum Sensors

Specify calibration for sunlight or electric light (8% difference)

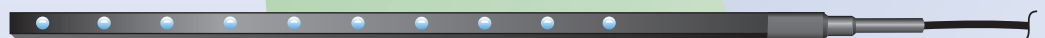
3 sensors, 50 cm length LQS50-3, \$249



6 sensors, 50 cm length LQS50-6, \$319



10 sensors, 70 cm length LQS70-10, \$399



## Specifications

<b>Application</b>	Measuring Photosynthetic Photon Flux	
<b>Output</b>	Responsivity	0.200 mV per $\mu\text{mol m}^{-2} \text{s}^{-1}$
	In full sunlight	400 mV ( $2000 \mu\text{mol m}^{-2} \text{s}^{-1}$ )
	Linear range	1000 mV ( $5000 \mu\text{mol m}^{-2} \text{s}^{-1}$ )
<b>Sensitivity</b>	Calibrated to exactly $5.00 \mu\text{mol m}^{-2} \text{s}^{-1}$ per mV	
<b>Input power</b>	None, self-powered	
<b>Operating environment</b>	-40 to 55 °C; 0 to 100% relative humidity. Designed for continuous outdoor use. Can be submerged underwater (with or without mounting screw).	
<b>Materials</b>	Anodized aluminum with acrylic lens	
<b>Cable</b>	3 meters of shielded, twisted-pair wire with Santoprene casing, ending in pigtail leads. Additional cable \$1.95/meter.	
<b>Dimensions</b>	2.4 cm diameter, 2.75 cm high	
<b>Mass</b>	70 g-LQS, 240 g-LQS50, 400 g-LQS70	
<b>Warranty</b>	1 year parts and labor	