

AN AFFORDABLE METER THAT PROVIDES SCIENTIFICALLY ACCURATE PHOTOSYNTHETIC ACTIVE RADIATION (PAR) LIGHT READINGS UNDER ANY LIGHT SOURCE INCLUDING LED!

SpotOn®

QUANTUM PAR LIGHT METER

SPECIFICATIONS

Range: PAR LIGHT 0.0 to 6,500 $\mu\text{mol m}^{-2} \text{s}^{-1}$
DLI (Daily Light Integral) 0.0 to 560.0 moles $\text{m}^{-2} \text{day}^{-1}$

Display Resolution: PAR Light 0.1 $\mu\text{mol m}^{-2} \text{s}^{-1}$ from 0.0 to 99.9
1 $\mu\text{mol m}^{-2} \text{s}^{-1}$ from 100 to 6,500
DLI 0.1 moles $\text{m}^{-2} \text{day}^{-1}$

Accuracy: +/- 5% (each meter is calibrated to a NIST traceable light sensor on a broad-spectrum light source)

Azimuth Error: +/- 1% over 360°

Daily Light Integral (DLI): Calculated continuously from light readings every 3 minutes

Sensor Drift: 3% per year (calibration recommended every 2 years)

Water Resistant: IP-65 rated for use in rain, irrigation, and condensing environments (do not submerge)

Operating Environment: 32-130°F(0-55°C) with 0-100% RH condensing ok

Battery: CR2032 3v coin cell lithium included (2-year battery life)

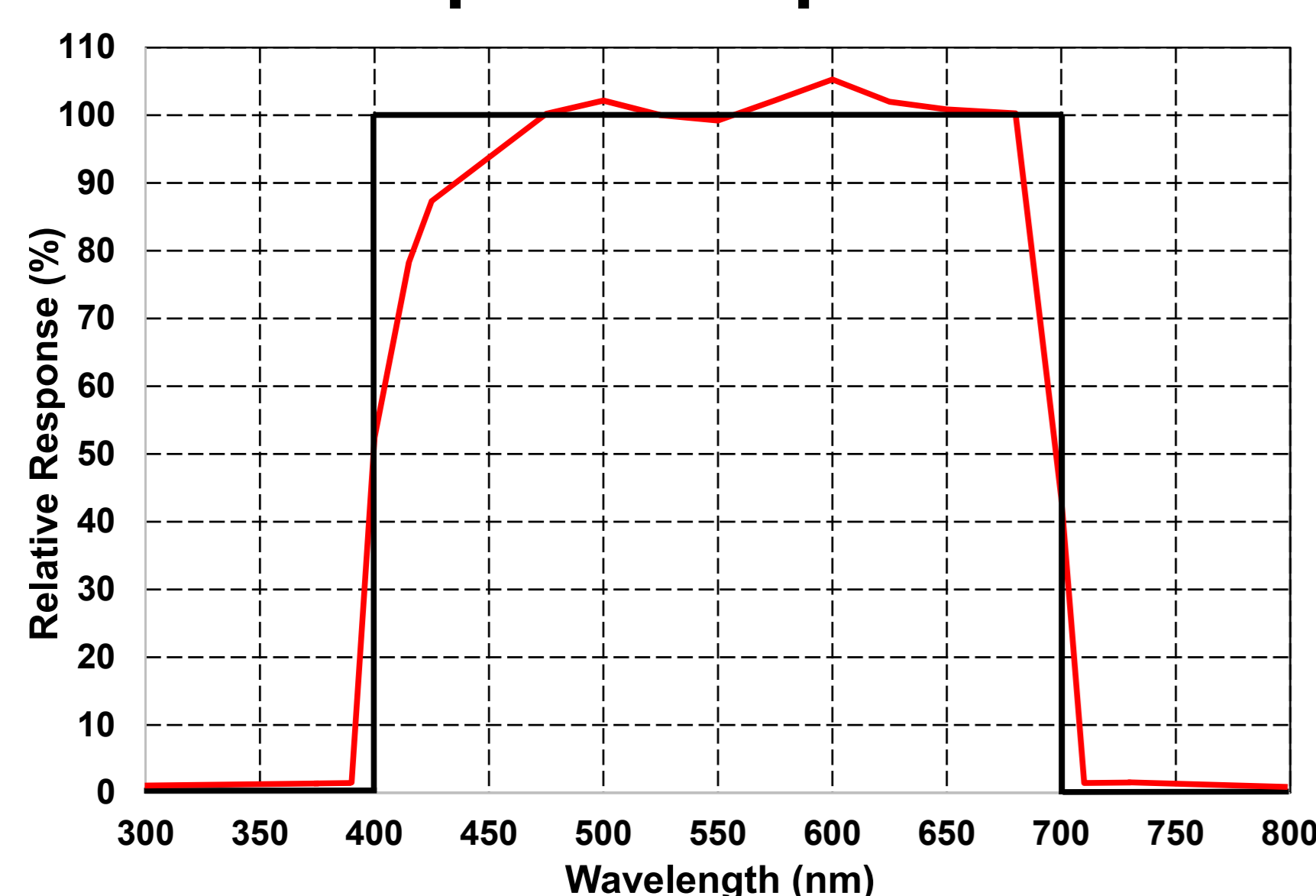
Size & Weight: 1.75in(4.5cm)W x 5.75in(14.6cm)L x .85in(1.8cm)D
0.17lb(77g)



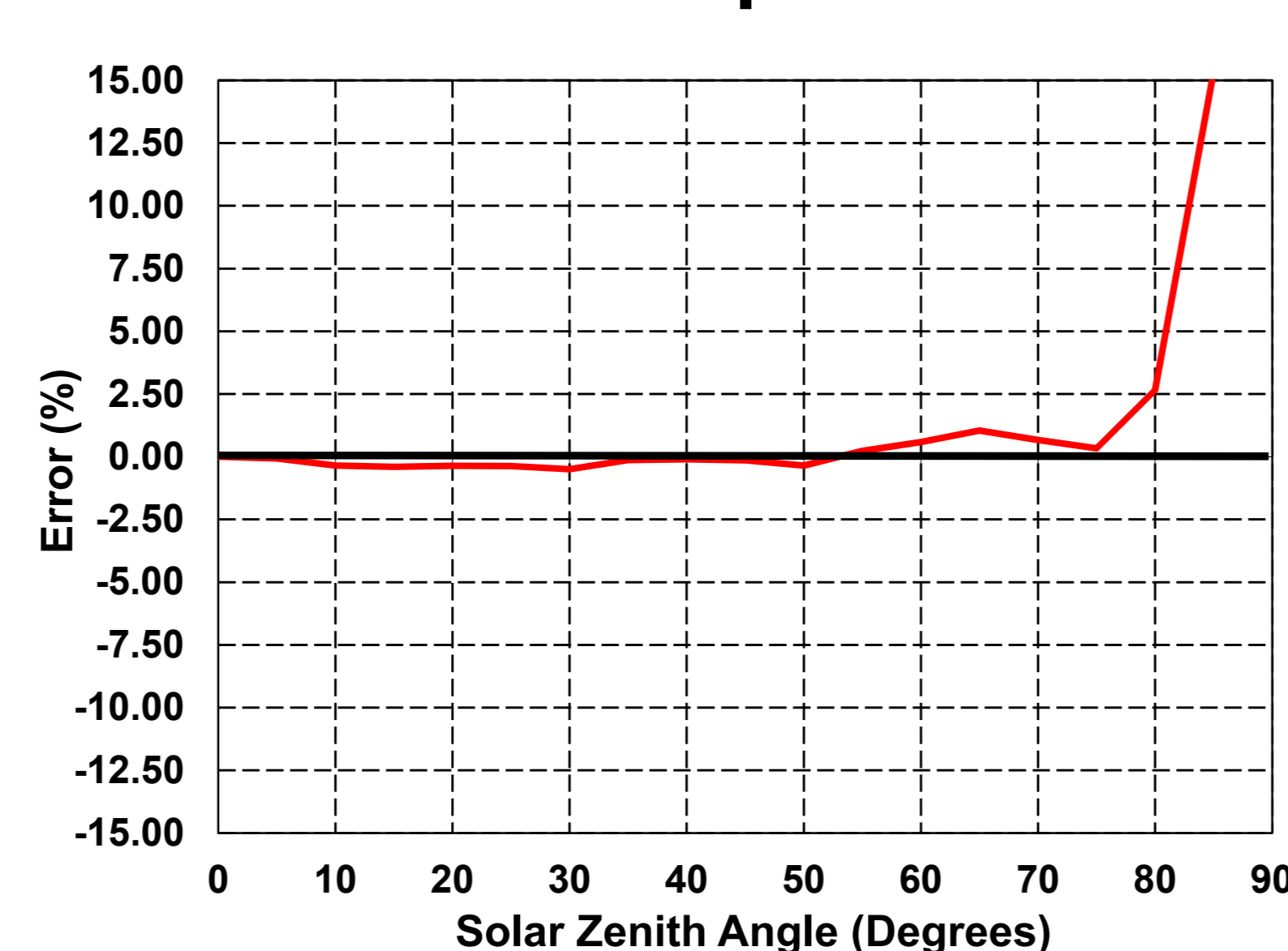
FEATURES

- Provides accurate PAR light readings from ANY light source:
 - Full sun to full shade indoors or outdoors.
 - Artificial light sources (LED, High Pressure Sodium, Metal Halide, Florescent, Halogen...).
- Three modes of operation:
 - Instant Spot Measurement mode for PAR light readings.
 - Scan mode for quickly averaging PAR over an area.
 - DLI mode shows Daily Light Integral on the LCD (no computer needed).
- Compact and easy to use.
- Water and impact resistant.
- Integral mounting plate for: stand, stake, lanyard & hanger hole, and magnet mounts.
- 1/4-20 threaded hole for mounting on camera tripods and stands.
- Includes a sensor cover and soft carrying case.

Spectral Response



Cosine Response



Visit us at www.innoquestinc.com for complete details.



YOUTUBE.COM

SEE THE DEMO VIDEO, SEARCH SpotOn Quantum PAR Light Meter

Quantum PAR Light Meter • Item #35650 • One year warranty • Made in USA



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