

## Quantum PAR Light Meter (3415Z)

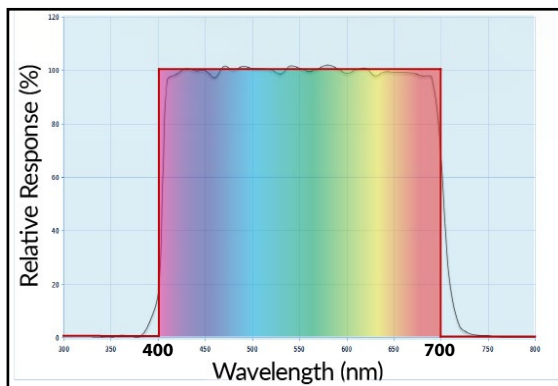


Quantum PAR Light Meter

### ITEMS

3415Z **LightScout Quantum PAR Pocket Light Meter**  
Includes PAR sensor, 2 AAA batteries and soft carrying case

### LIGHT RESPONSE



### MEASURE LIGHT FOR BETTER QUALITY

Provides scientifically accurate PAR light readings under any light source, including LED

### FEATURES & BENEFITS

- Measurement of PAR (Photosynthetically Active Radiation) in units of  $\mu\text{mol}/\text{m}^2/\text{second}$
- Hold function to freeze data in dark places and view later
- Stores 100 data points in manual log and recall
- Low battery indicator; Auto power off
- Maximum, minimum and average for multiple site analysis
- High accuracy for 400nm to 700nm under all light sources, including LED
- Reset and Zeroing functions included

### PRODUCT SPECIFICATIONS

CHARACTERISTIC	DESCRIPTION
Spectral Range	400 $\pm$ 10nm ~ 700 $\pm$ 10nm
Measurement Range	0 ~ 5000 $\mu\text{mol}/\text{m}^2/\text{s}^{-1}$
Display Resolution	0.01 $\mu\text{mol}/\text{m}^2/\text{s}^{-1}$ for 0~99.99, 0.1 for 100~999, the rest is 1
Accuracy	$\pm 5$ or $\pm 5\%$ of reading, whichever is greater
Repeatability & Non-Linearity	$\pm 1 \mu\text{mol}/\text{m}^2/\text{s}^{-1}$ , Less than 3% (up to 4000 $\mu\text{mol}/\text{m}^2/\text{s}^{-1}$ )
Long-Term Drift/Year	Less than 2% per year
LCD Update Time	1 second
Field of View	180°
Directional (Cosine) Response	$\pm 5\%$ at 75° zenith angle
Temperature Response	$\pm 0.02\%$ per °C
LCD Size	27mm x 48mm (HxW)
Operating Temp	0 - 50°C
Operating RH%	Humidity < 80%
Storage Temp	-10°C - 50°C
Storage RH%	Humidity < 90%, no condensation
Dimension	150mm x 65mm x 24mm (LxWxH)
Tripod Mount Hole	YES
Weight	~ 100g
Power Supply/Consumption	(2) AAA Batteries, less than 5mA