

## Quantum PAR Light Meter (3415ZX)

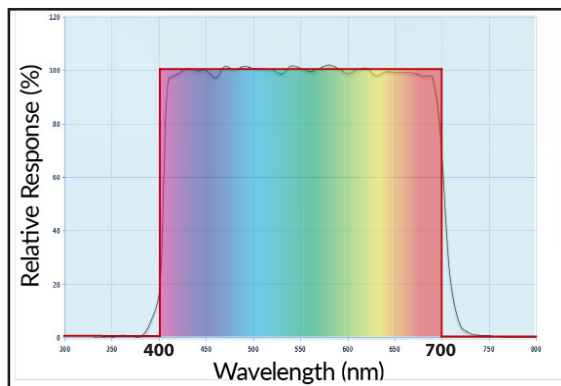


Quantum PAR Light Meter

### ITEMS

**3415ZX LightScout Quantum Corded PAR Light Meter**  
Includes PAR sensor, 14' straight RJ11 cable, 3' coiled RJ11 cable, selfie stick, 2 AAA batteries and hard 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 up to 99 data points
- Low battery indicator; Auto power off
- High accuracy for 400nm to 700nm under all light sources, including LED
- Reset and Zeroing functions included

### PRODUCT SPECIFICATIONS

| CHARACTERISTIC                | DESCRIPTION  |
|-------------------------------|--|
| Spectral Range                | 400 ± 10nm ~ 700 ± 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                      | ±5 or ±5% of reading, whichever is greater   |
| Repeatability & Non-Linearity | ±1 $\mu\text{mol}/\text{m}^2/\text{s}^{-1}$ ,<br>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 | ±5% at 75° zenith angle  |
| Temperature Response          | ±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   |