



## PLA-30 Plant Lighting Analyzer

### *High-end Configuration& Fresh Testing Experience*

PLA-30 Plant lighting analyzer is a professional measuring equipment specially designed for accurate measurement and analysis of plant lighting. It integrates high-end intelligent configuration, one-key operation, one-step measurement and analysis, real-time data reading, widely used in plant grow lighting analysis, monitoring and research.

#### **Parameters**

- Relative spectral power distribution  $P(\lambda)$
- Illuminance(E)
- Photosynthetic photon flux density(PPFD )
- Chlorophyll A weighted irradiance (Ech-A)
- Chlorophyll B weighted Irradiance (Ech-B)
- Blue-purple irradiance (EB )
- Yellow-Green irradiance (EY)
- Red-Orange irradiance (ER )
- Red-Blue irradiance ratio (Erb\_ratio)

#### **Characteristics:**

### **Strong function& High accuracy**

Multi functions of plant lighting analysis can be realized in one machine, and richer analysis functions can be realized through computer software, such as analyzing illumination vs time changing constant , the demand for supplementary light and greenhouse light transmittance etc., it adopt EVERFINE patented technologies (ZL:)

### **Milliseconds High Speed Intelligent Test**

Integrate spectrum, photo-color and other parameters functions into one facility,milliseconds test speed and intelligent test;

Test results can be export excel and JPG.

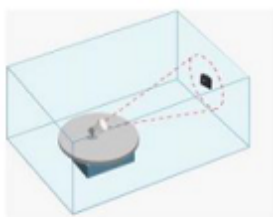
### **Delicate Outlook Intuitive Feeling & Easy Operation**



5.0 inch display, one touch operation, real time reading

### **The Detachable Detector and Wireless Communication for Flexible Application**

The detachable detector makes the testing more convenient.



**Ultra-large SD Storage,Real-time Communication with Smart Cell phone and PC**



Spectral Range	350nm-800nm
Wavelength accuracy	0.5nm
Illuminance test range	1lx~200klx
Power supply mode	Battery: Lithium-ion rechargeable
Storage	6G (built-in)
Communication	Main unit to detector : USB or BLUETOOTH Main unit to PC : USB/WIFI
Connection Interface	Type C
Display size	5" LCD

