

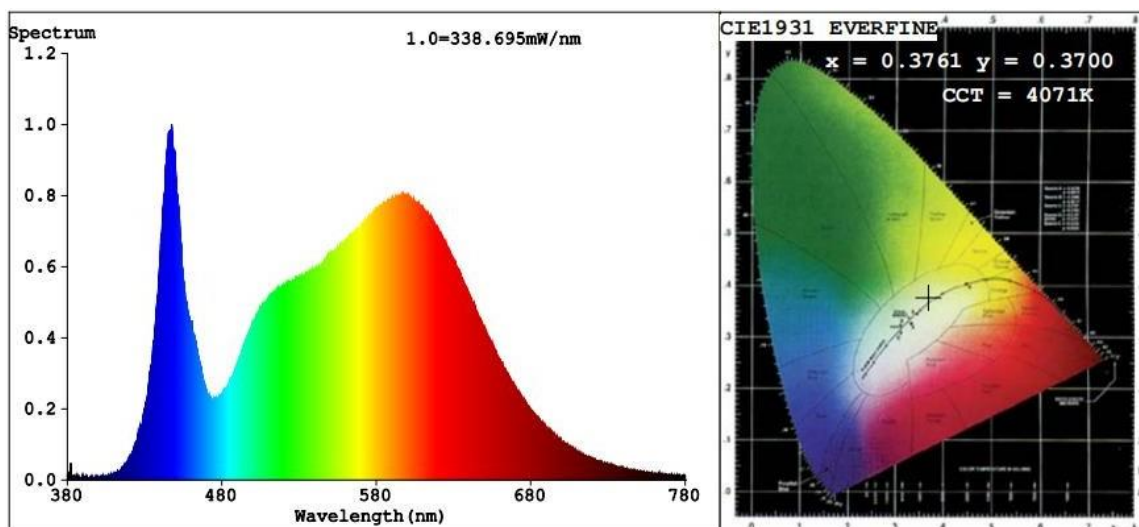
LED Grow Light



Applications:



Spectrum



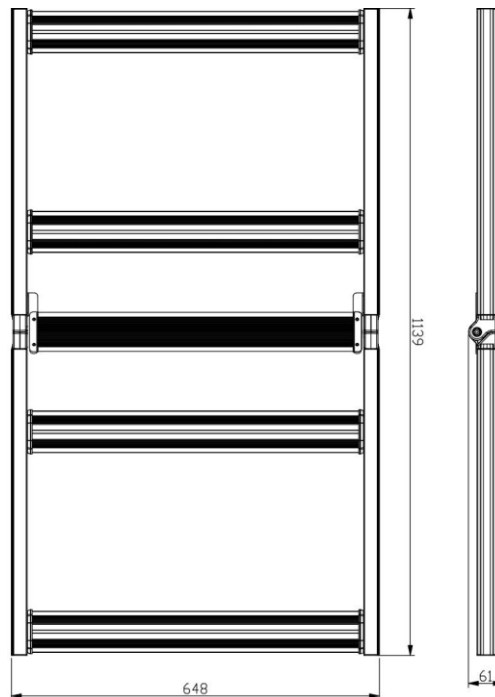
Full Spectrum for Seeding, Growing, Blooming

Product Dimensions: 118 x 58.5 x 8 cm

Package Size: 72 x 69 x 18 cm Net

Net Weight: 7.5 KG

Gross Weight: 10 KG



Advantages:

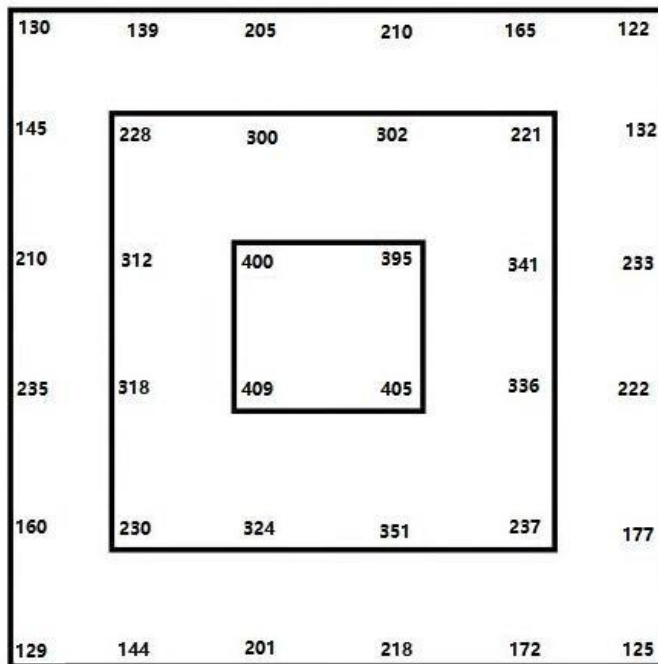
- More than 50% PPF higher than traditional HID lamps
- More than 40% energy saving than traditional HID lamps
- More rounded spectrum suitable for different grow stages
- High Efficacy
- High PPF Output
- Full Spectrum
- 50000 Hours Life Span
- No Fan, Zero noise
- Plug & Play / No installation required
- Ultra Slim Design
- Foldable Design / Saving transportation fee
- Less Power consumption
- 0-10V dimming signal / Daisy chain
- Professional Applications for commercial and hobby markets

Specification:

Light Source	LED
Spectrum	Full Spectrum (Seedling Design)
PPF	480 umol/s
Input Voltage	120-277V
Input Power	220W
Efficacy	2.4 umol/J
Mounting Height	≥ 6" Above Canopy
Thermal Management	Passive
Dimming	0-10V Signal or Knob
Beam Angle	120 degree
Power Factor	> 90%
Certifications	ETL/DLC/UL
Diodes Brand	Samsung + Osram/Cree
Drivers Brand	Intellicon/MeanWell
Waterproof rating	IP65
Operation Temperature	-20°C – 45°C
Operation Humidity	10%-95% RH
Storage Temperature	-20°C – 80°C
Storage Humidity	10%-95% RH
Warrently Time	5 years

- PPF calculations complied using our in-house integrating sphere measurements and typical spectroradiometer data for each LED fixture performance.
- Watts Value are typical expected values. Tolerance allow +/- 10% range on flux and power consumption

PPFD Testing Report:




AVRG PPFD: 238 (4FTx4FT)
TESTING HEIGHT: 2 FT

Recommended Footprint:

2x4'' for the seedling

CONTROL FUNCTION WITH DAISY CHAIN

- Complete control of all your connected ballasts at once
- Reduce the clutter of power wires in your grow environment to keep everything clean and organized



The diagram illustrates a daisy chain control system. A central control unit is connected to a series of ballasts (1, 2, ..., 100) in a daisy chain configuration. A control port with A and B terminals is also shown.

Caution:

- This product is a passively cooled design, so DO NOT move components and DO NOT try to open or disassemble the fixture, as it contains no service parts inside.
- Always adhere to the local rules and regulations when you use it.
- We suggest to wearing gloves and glasses during installation.
- Always remember to disconnect power at installing and maintenance
- The fixture will get hot during it turns on. DO NOT touch while lightsturn on.
- Keep this product away from children.
- Always allow at least 10 minutes for cooling down before handling.
- DO NOT touch the LED diodes anytime.
- DO NOT plug this product in wrong input voltages.
- DO NOT use it when the power cord or plug is damaged.
- DO NOT use it when the fixture has been dropped, or the enclosure or bars are damaged.
- To protect your eyes, avoid looking directly at the unshielded LED diodes.