

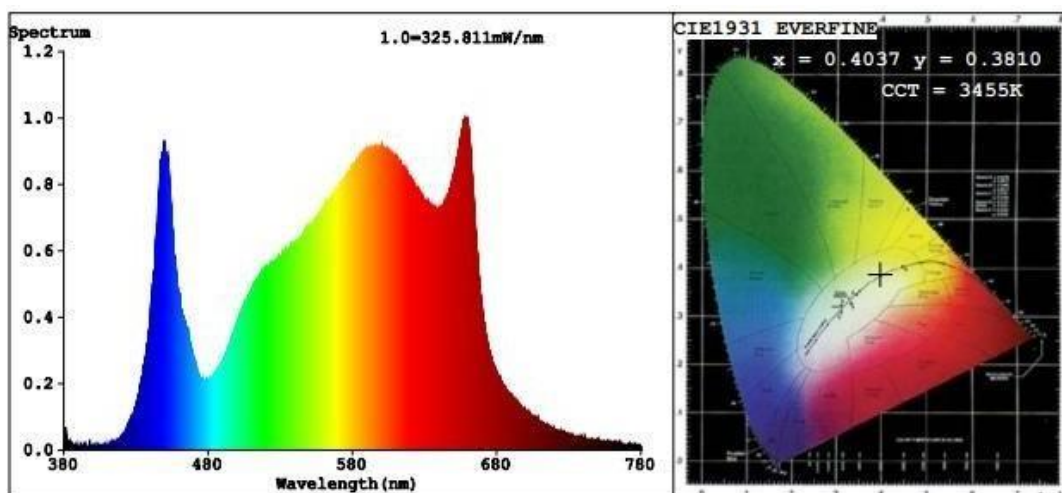
LED Grow Light



Applications:



Spectrum



Full Spectrum for Seeding, Growing, Blooming

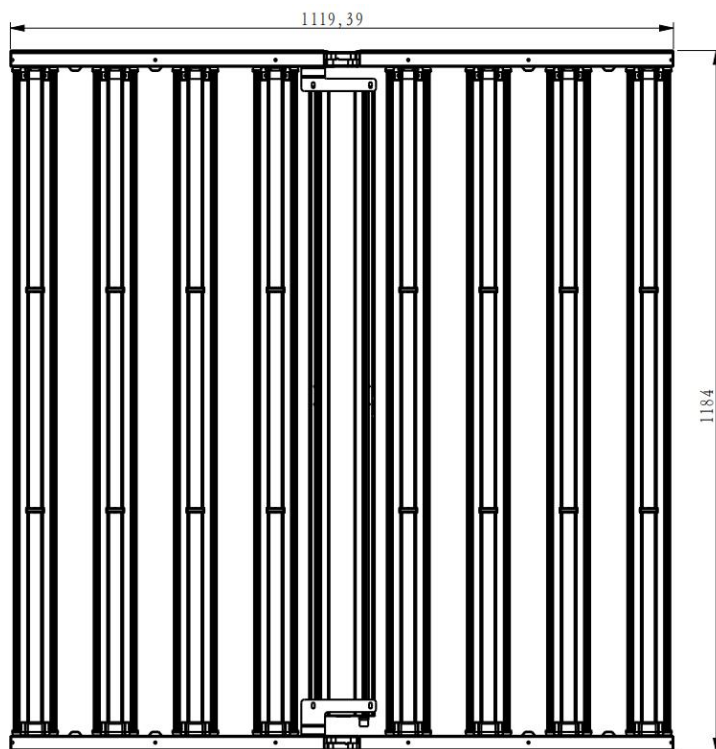
Product Dimensions: 112 x 119 x 8 cm

Package Size: 130 x 69 x 17 cm

Net Weight: 17KG

Gross Weight: 21KG

Advantages:



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

Specification:

Light Source	LED
Spectrum	Full Spectrum
PPF	2900 umol/s
Input Voltage	120-277V
Input Power	1000W
Efficacy	2.6 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 Optional)
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
Warranty 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:

1000w	45cm						
	700.84	1019.8	1090	1030.3	695.51		
	862.3	1182.4	1240.9	1127.5	799.33		
	875.89	1193.5	1242.3	1121.9	752.85		
	795.29	1102.5	1203.5	1106.2	780.7	AVRG	954.37
	599.69	900.49	942.97	885.87	606.7		
	60cm						
	569.54	731.52	754.38	696.28	516.86		
	675.1	873.62	926.26	841.67	625.71		
	729.67	925.42	962.85	857.77	638.68		
	660.38	863.92	914.58	833.54	622.79	AVRG	738.3
	543.09	725.96	757.75	691.34	518.63		

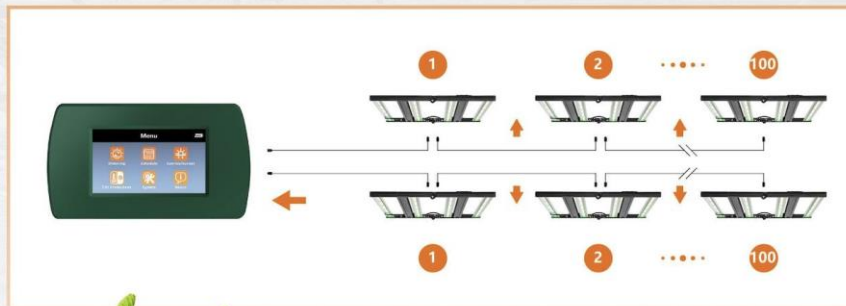
Recommended Footprint:

6' x 6' on Growing

5' x 5' on Blooming

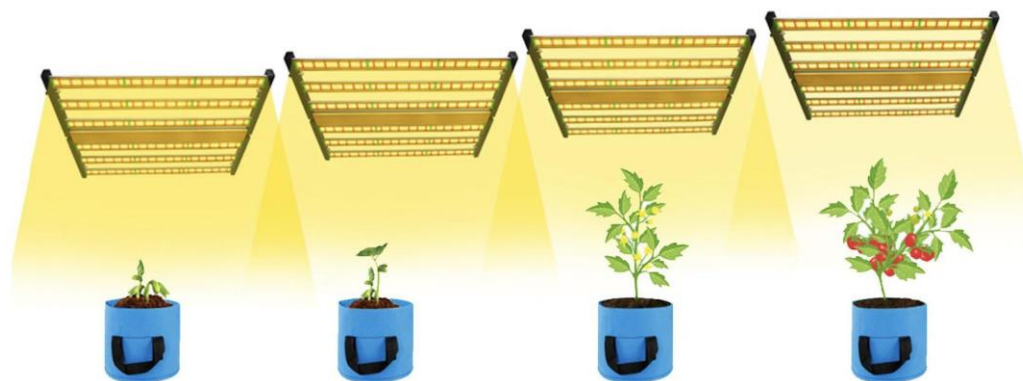
CONTROL FUNCTION WITH DAISY CHAIN

- 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



Using Tips

Only for your information. Buyers must make adjustments based on plant requirements and current conditions.



Brightness 20%	Brightness 50%	Brightness 80%	Brightness 100%
Seedling/Germination	Veg	Bloom	Fruiting
24-30 inch	24 inch	18-24 inch	18-24 inch
18hr On/6hr Off	18hr On/6hr Off	18hr On/6hr Off	18hr On/6hr Off

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 lights turn 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.