

### ENERGRO Series

Each EnerGro series fixture comes enabled with full power functionality for maximum light intensity and robust plant growth. Superior quality light spectra inside high performance LED luminaires can expedite the growth cycle and produce a cannabis plant with greater flower dry weight and a higher concentration of THC, CBD, THCV and CGB.



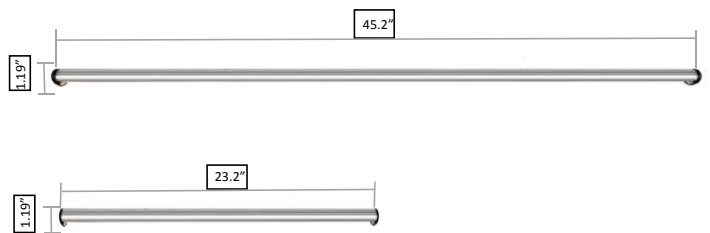
#### Get more light with less energy

Perfectly tuned photosynthetic photon flux density (PPFD) delivers concentration and quantity of photon energy from canopy surface to base of plant.

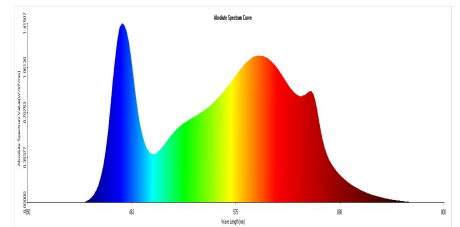
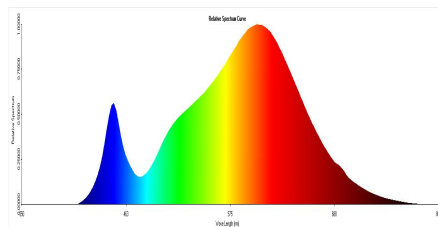
### ENERGRO Spectra

EnerGro's wide spectra offer the best possible light for plants in an energy efficient way. ENERGR0's patented wide spectra are designed to optimize growth of varying plants in different applications. In addition to photosynthesis, our spectra give valuable information to plants about their environment, allowing control of plant morphology and physiological traits.

- Strong vegetative and generative growth.
- Enhancing vernalization process.
- Boost production for cannabis cultivation.
- Increase THC yield in the cannabis plant.



### Standard EnerGro Spectrum Chart



Data	EnerGro L600	EnerGro L1200
Typical Operating Voltage	100-277VAC	100-277VAC
Typical Power Consumption	45W	90W
Operating Frequency	50/60Hz	50/60Hz
Power Factor	>0.98	>0.98
Operating Temperature	-20-40°C	-20-40°C
Average PPFD@4" (μmol/m2/s1)	863	882
Average PPFD@8" (μmol/m2/s1)	394	402
PPF (μmol/s1)	104	210
Photon Efficacy (μmol/j)	2.3	2.3
Heat Output	151 BTU/hr	303 BTU/hr
Dimensions(L*W*H)	23.2"x1.96"x1.19"	45.2"x1.96"x1.19"
Net Weight (Driver Include)	1.25KG	2.35KG
Gross Weight (KGS)	1.60KG	2.70KG

\*Specifications based on performance at 120Vac with tested sample. Subject to change without notice, tolerance at ±5%

Unit include: Hangers 2pcs, LED Power Supply 1pcs, Light Bar 1pcs, Instruction 1pcs, Power Cord 1pcs (AC to Bar 2.5M or Custom)

**Recommended Hanging Height: 6"-24", Diode Spectrums: Veg, Flower, Custom**

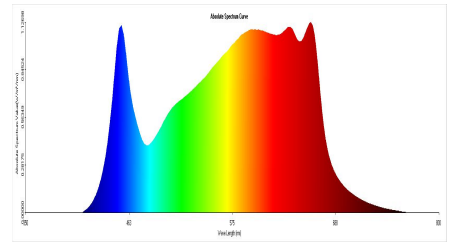
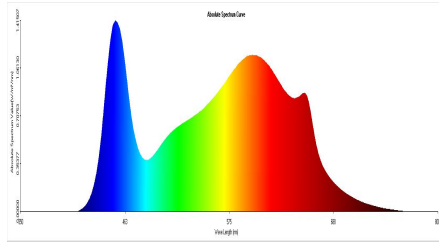
## EnerGro Max LED based

Energro Max is a upgraded version of EnerGro,all Energro Max systems are built with the latest LED technology from the world's top semiconductor manufacturers — including Cree, Samsung and LG.

292 LEDs are built into every Energro Max with 80/120 full width half max (FWHM) pre-focused optics for precise spectral compositions and unrivaled performance, electrical efficiency and longevity compared to any other light source.



## Standard EnerGro Max Spectrum Chart



Data	EnerGro Max L600	EnerGro Max L1200
Typical Operating Voltage	100-277VAC	100-277VAC
Typical Power Consumption	45W	90W
Operating Frequency	50/60Hz	50/60Hz
Power Factor	>0.98	>0.98
Operating Temperature	-20-40°C	-20-40°C
Average PPF@4" (μmol/m2/s1)	906	914
Average PPF@ 8" (μmol/m2/s1)	413	428
PPF (μmol/s1)	110	220
Photon Efficacy (μmol/j)	2.4	2.4
Heat Output	151 BTU/hr	303 BTU/hr
Dimensions(L*W*H)	23.2"x1.96"x1.19"	45.2"x1.96"x1.19"
Net Weight (KGS)	1.25KG	2.35KG
Gross Weight (KGS)	1.60KG	2.70KG

\*Specifications based on performance at 120Vac with tested sample.Subject to change without notice,tolerance at ±5%

Unit include:Hangers 2pcs,LED Power Supply 1pcs,Light Bar 1pcs,Instruction 1pcs, Power Cord 1pcs(AC to Bar 2.5M or Custom)

**Recommended Hanging Height: 6"-24",Diode Spectrums: Veg, Flower, Custom**

\*5 years standard warranty for power supply ,2years standard warranty for LEDs.

\*For 347Vac/480Vac, please contact the sales for details.

\*Customization accepted

**Professional LED Grow Lights ENERGRO**