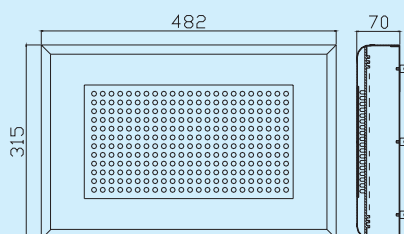


LED Grow Light

Product Advantage

1. Use high efficient 1w LED as the light source, Based on 288x 1W high power LEDs.
2. Wide beam angle: 120 degree (larger lighting area).
3. Smart appearance: built-in power supply, no need ballast, reflector, it can use independently.
4. Unique heat dissipation device: thermostatically controlled fans to keep LED light cool.
5. Small light decay, long lifespan more than 50000h.
6. Can be combined with fluorescent lighting.
7. Environment-friendly: have no mercury and other harmful heavy metal, emit no light harmful for plant.
8. Energy-saving: emitting light fully absorbed by plant, much efficiency compared to HID grow lights to produce the same result.
9. Ratio of Red and Blue in R&B is 8:1; we also could change the ratio according to your special requirements.
10. It's suitable for the greenhouse lighting, horticulture, Hydroponics, Farm/Flower Exhibition/Garden/Bonsai etc.

Product Pictures



Product Application



Our 300W led grow light is used in green house, horticulture, Hydroponics or soil based.

Technical Specifications

- Power Factor(PF):>0.97
- Total Harmonic Distortion:<15%
- The number of LED:288pcs
- Normal Wavelength: Blue 450~460nm Red 620~630nm,660nm.
Ratio:8(Red):1(Blue)
The ratio can be changed according to your special requirements.

Item	Power	Voltage	Input Current	Work Frequency	Color	Lumens	Package Size	GW
CTG-05	300W	AC90V~160V	3.0A~2.3A	60Hz	Red/Blue	10880 lm	58.5x42x18cm	9.5kg
		AC190V~265V	1.5A~1.25A	50Hz				

Parameter Comparison

Input power convert to	LED Grow Light	Incandescent Lamp	Fluorescent Lamp	Metal Halide
Visible light radiation energy	10%-12%	5%	23%	27%
Infrared radiation energy	0%	90%	36%	17%
UV radiation energy	0%	0%	0% ?	19%
Physiological effective energy	10%-12%	≤0.1%	≤1%	≤0.5%
Value	Most Suitable	Not Most Suitable	Not More Suitable	Not Suitable

Lux Parameter

