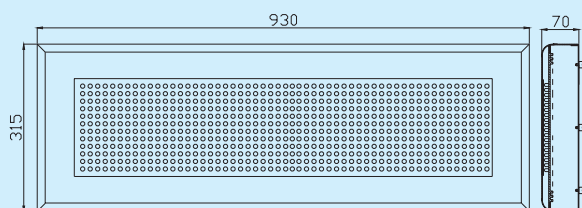


LED Grow Light

Product Advantage

1. Use high efficient 1w LED as the light source, Based on 576x 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. This one also can be LED ceiling light, are very suitable for the large size of the illumination, such as the hotel lobby, warehouse, workshop, station etc .

Product Pictures



Product Application



It's suitable for the greenhouse lighting, horticulture, Hydroponics, Farm/Flower Exhibition/Garden/Bonsai etc.

Technical Specifications

- Power Factor(PF):>0.97
- Total Harmonic Distortion:<15%
- The number of LED:576pcs
- 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-07	600W	AC90V~160V	6.0A~4.6A	60Hz	Red/Blue	21760 lm	103x41x21cm	16kg
		AC190V~265V	3.0A~2.5A	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

