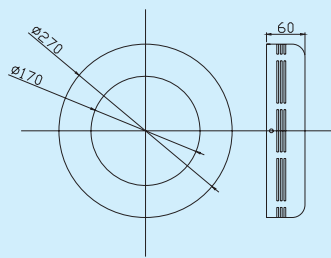


LED Grow Light

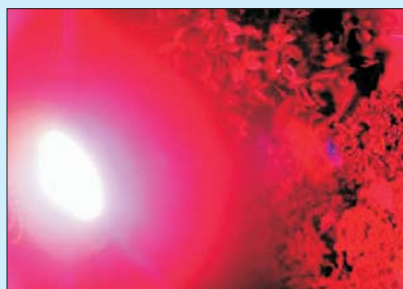
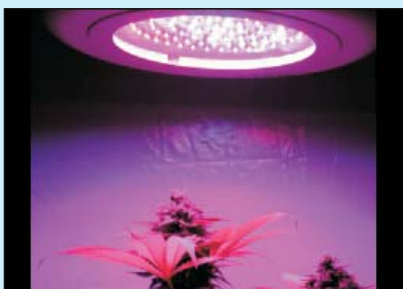
Product Advantage

1. 90X 1w led grow light produce great effect as 400W to 600W HID grow light save 75%--85% on electricity.
2. Lifetime reaches 50,000 hours.
3. Built-in cooling system (thermostatically controlled fans) solve the heat dissipation excellently
4. Built-in power supply, CE approved, No setup required, just simpler and safer plugs directly into AC120V/220V, no reflector & ballast needed.
5. Environment-friendly: Don't contain the harmful substance HPS & MH have, much less hazardous waste to deal with.
6. Ideal for all phases of plant growth, and works well with any indoor garden, whether hydroponics or soil based.
7. Now available with 660nm, Red is good for flowering, budding and blue is good for vegetative and, you can choose the wavelength and color ratio which is most suitable for your plant growth.
8. The lighting area and height above the plant can be changed according to different plants and environment, and also technical parameters are changed.
9. Application: Hydroponics & Horticulture & Greenhouse Lighting, Seeding/Seedling/Breeding, Farm/Flower Exhibition/Garden/Bonsai etc

Product Pictures



Product Application



Notice:

1. Indoor use only
2. Don't use in dripping water or dripping irrigation place to avoid light damage.
3. The led grow light lighting time plus sunlight lighting time should be 10-14hrs.
4. There is an old saying too much water drowned the miller. No time rest and digestion-absorption, it will affect the growing speed.

Technical Specifications

- Power Factor(PF):>0.97
- Total Harmonic Distortion:<15%
- The number of LED:90pcs
- 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-01	90W	AC90V~160V	0.9A~0.69A	60Hz	Red/Blue	3400 lm	31x31x13mm	3.0kg
		AC190V~265V	0.45A~0.38A	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

