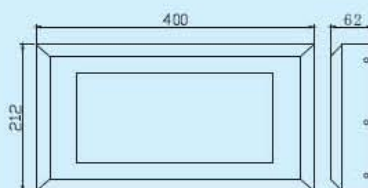


120W LED Grow Panel

Product Advantage

1. Based on the 90W led grow light, we developed more watts for customer choice.
2. This is a middle ground between 90W and 300W, very moderate one. It's very suitable for public use. Such as flower exhibition, home garden, horticulture. It's a special one.
3. Use high efficient 1w LED as the light source, Based on 112x 1W high power LEDs.
4. Wide beam angle: 120 degree (larger lighting area).
5. Unique heat dissipation device: thermostatically controlled fans to keep LED light cool.
6. Can be combined with fluorescent lighting.
7. Environment-friendly: have no mercury and other harmful heavy metal, emit no light harmful to plant.
8. High Efficiency: 90% emitting lights can be absorbed by plants. But for traditional HPS or MH, only 8-10% is used.
9. Blue is good for vegetative and red is good for flowering and budding, you can choose the wavelength and color ratio which is most suitable for your plant growth.
10. The lighting area and height above the plant can be changed according to different plants and environment, and also technical parameters are changed.

Product Pictures



Product Application



The 120W led grow light can replace Traditional HPS, MH directly and very suitable for green house.

Technical Specifications

- Power Factor(PF):>0.97
- Total Harmonic Distortion:<15%
- The number of LED:112pcs
- Normal Wavelength: Blue450~460nm,Red 620~630nm,660nm.
Ratio:8(Red):1(Blue)
The ratio can be changed according to your special requirements.

Power	Voltage	Input Current	Work Frequency	Color	Lumens	Package Size	GW
120W	AC90V~160V	1.2A~0.92A	60Hz	Red/Blue	4240 lm	44.5x31x17cm	4.5kg
	AC190V~265V	0.6A~0.5A	50Hz				

Parameter Comparison

Input power convert to	LED Grow Panel	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



Yhteystiedot: Puh: 040-7550615

<http://ledfinland.fi/>