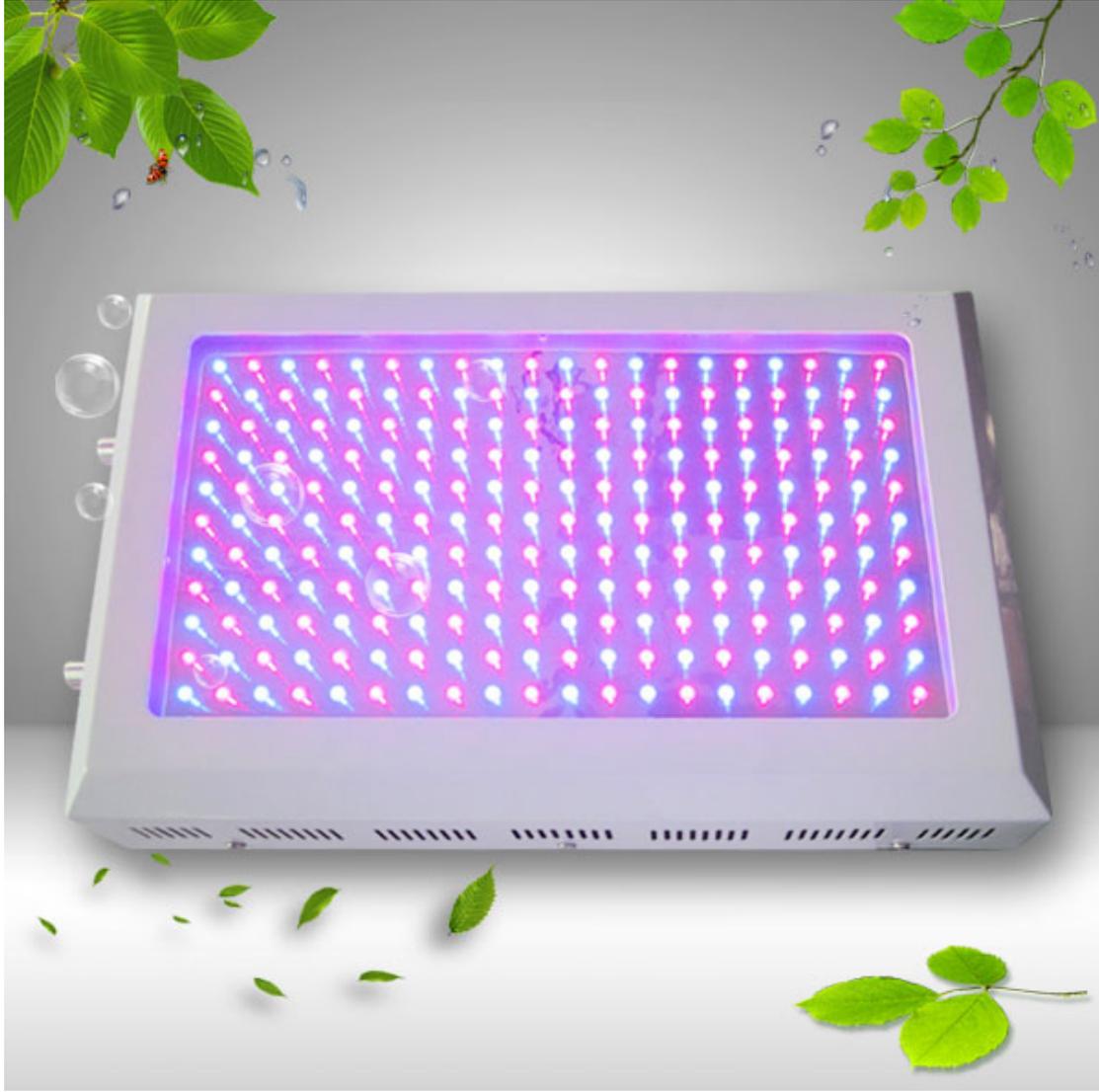

Specification

220*1W Dimmable LED Grow Light



Part I. Feature:

1). 220W dimmable LED Grow light can replace triple to 5 times power of HID light, save about 80% energy..

2). 220W dimmable LED Grow light with plug type for power cord connection, more convenient in disassembling than traditional fixed type. User friendly.

3). 220W LED Grow light is equipped with two dimmers, which can adjust the brightness of blue or white wavelength anytime. And adjust the power from 30W-180W. Provide different light intensity during different time for the plant. Better for plant's growth.

4). Rubber strip is applied when screwing the aluminum board and the light cover. Better than glue in look and easier to disassemble the light. What's more, this also insulate the electric conduction between aluminum board and the light cover, safer.

5). Customized ratio and spectrum can be produced. Red 620-630nm & 640-660nm, Blue 450-460nm & 460-470nm is recommended to apply. Red stimulate germination, flowering and fruiting while blue promote leafing.

6). Built-in fans provide good heat-dissipation.

7) . Built-in power supply, no need other device, directly plug AC85V~264V. No need for ballast, reflector.

8). Ideal device for different stages of plant growth, work well with indoor garden, hydroponic plants and soil culture plants.

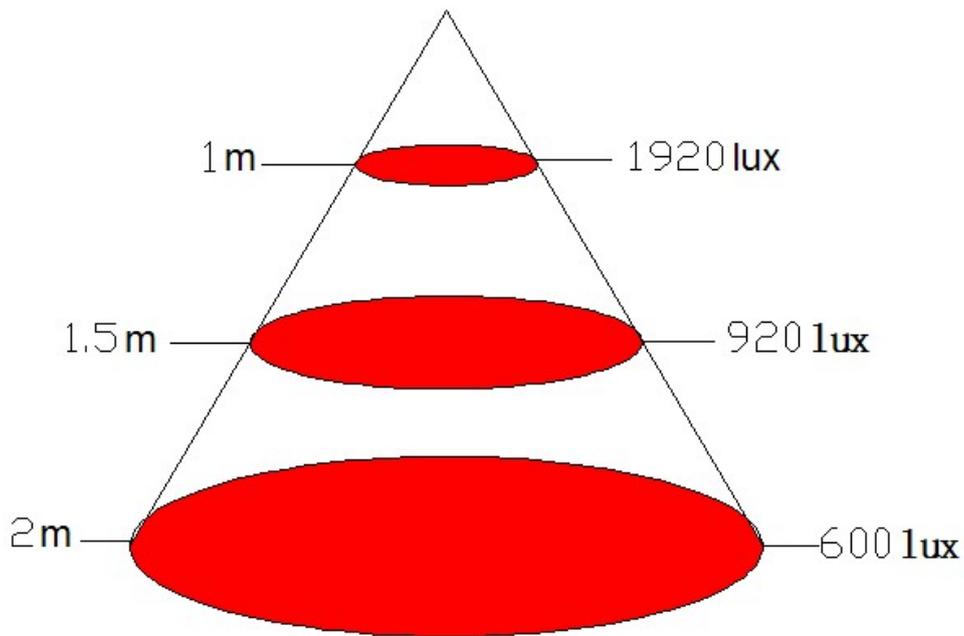
9). The lighting area and height will change to different plants and environment, parameters will change as well.

10). All applied material meet the requirements of environmental protection, no harmful substances as Mercury.

Part II. Technical Parameters:

220*1W dimmable LED grow light parameters

Item	Value	Item	Value
Dimension	440x280x70mm	Power	220W (220x1W)
Input Voltage	AC85~264V	lux	1M/1920,1.5M/920,2M/600
Working Current	300mA	Lifespan	50,000 hours
Working frequency	50/60 Hz	Color	Red/Blue
Working temperature	-20°-40°	Footprint	10M ² /3m
Inner Box	490x383x149mm	N. W.	7.2Kg/PC
Carton Box	640x455x340mm	G.W.	15.2kg/2pcs



Part III. Product introduction:

- 1). a). As for the housing of 220*1W, there are white, black, blue and red colors for options.
- b). The product include 220PCS of 3W LEDs.
- c). When input voltage is AC110V, PF≥0.99; but PF≥0.94 if you input AC220.

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- d). Product with merits in high performance and low energy consumption.
 - 2). Input voltage AC85-264V, User-friendly, safe and applicable for any country.
 - 3). Lifespan above 50,000 hours.
 - 4). With 6 build-in fans, which help dissipate the heat inside the housing effectively. And lower noise when applied correctly.
 - 5). Applicable for plants' growth, flowering and fruiting.
 - 6). Safe, environment-friendly and no pollution & harmful substances.

Part IV. Cautions:

- 1). Make sure it's applied in right conditions.
- 2). It mustn't be touched or beat when working.
- 3). Not waterproof.