
Specification

50W LED grow light



50W (50x1w)



1. Product features:

1).50W LED grow light can replace triple to five times power of HID light, save about 80% energy.

2).Air aviation plug type is applied for power supply connection, it's more convenient to be disassembled, higher grading and more humanized design to compare with traditional fixed connection.

3)Different ratio and spectrum can be customized. Red 620-630nm & 640-660nm, Blue 450-460nm & 460-470nm is recommended to apply. Red stimulate germination, flowering and fruiting while blue promote leafing. Combination of red ,blue,orange,white,yellow color can be provided for plants.

4)Built-in fans in good for heat-dissipation

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

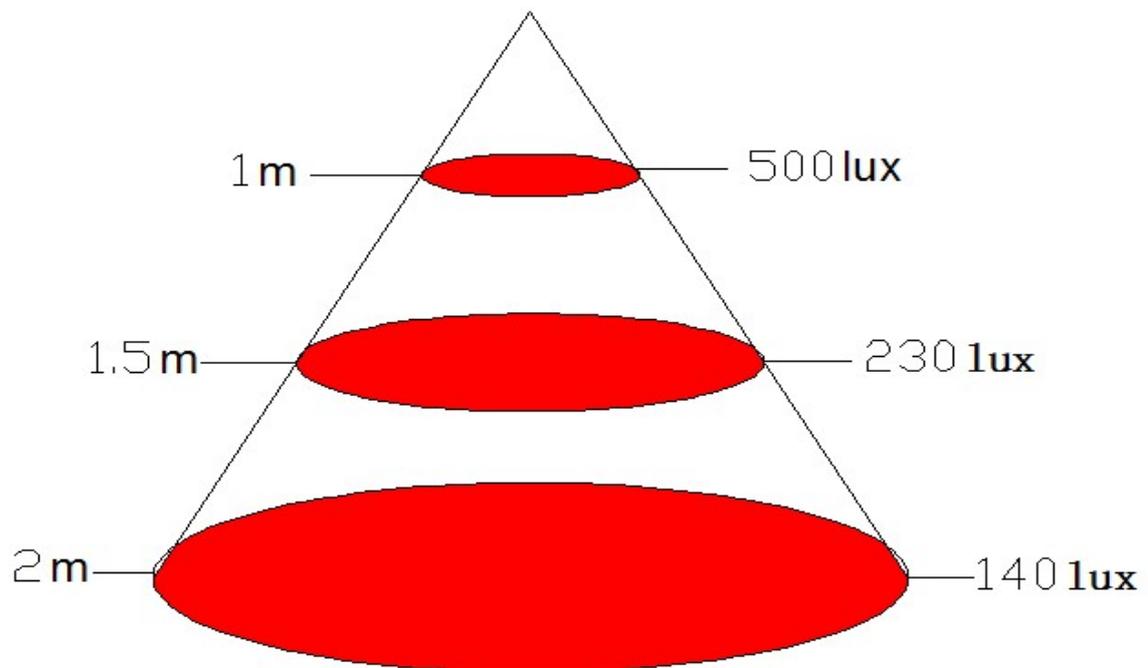
6) .Ideal device for different stages of plant growth, work well with indoor garden, water solution culture and soil culture plants.

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

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

2. Technical parameter:

50W LED grow light parameter			
Content	Value	Content	Value
Size	$\Phi 175 \times 60 \text{mm}$	Rated power	50W (50x1W)
Input Voltage	AC85~264V	lux	1M/500,1.5M/230,2M/140
Working current	300mA	Lifespan	50,000 hours
Working frequency	50/60 Hz	Color	Red/Blue/Orange/UV/IR
Working condition	-20°-40°	Lighting Area	1.7m ² /3m
Inner Box	210×210×140mm	Gross Weight	1.5kg/pc
Carton Box	440×440×160mm	Gross Weight	6.0kg/4pcs



3. Product introduction

- 1). 50w led grow light was made by metal case ,black and white case optional,include 50pcs single 1 W led.Which has high performance and low energy consumption.When input voltage is AC110V, $PF \geq 0.99$; but $PF \geq 0.94$ if you input AC220.
- 2). Input voltage AC85-264V, User-friendly, safe and applicable for any country.
- 3). Lifespan of the LEDs is as long as 50000h
- 4). With 2 build-in fans, which help dissipate the heat inside the housing effectively. And lower noise when applied correctly.
- 5). Applicable for different plants growth, flowering ,blooming and fruiting.
- 6). Safe, environment-friendly and no pollution & harmful substances.

4. Notice:

- 1).Do work under normal environment.
- 2).Do not touch or beat the light when working.
- 3).None waterproof,do not drip the water in.
- 4).The above specification is on the basic of red and blue 8:1.Any ratio could be customized.