

# 50W UFO High Power LED Grow Light

## 1. General Description

50W High Power LED Grow Light 25×3W LED has small heat, also the radiation is very small for the single tube; so it can approach plants to illuminate, no scorch. Based on this feature, LED can be placed on the plants vertically and horizontally, so that it would reduce the illumination-leaking and improve the light efficiency in a great degree.

2.LED lights, being water-proof and moisture-proof, can be used freely: in fine day just keep it, not blotting out the sunlight; in cloudy days take it out, so compensating light. Low labor intensity, simply operated, very suitable for to use.

3.LED can be compounded freely according to plants' different needs.

4.Different from the fluorescent light, there isn't heavy-metal pollution for LED, it's green lighting source, very suitable for the Green Production.

5.LED is not fragile, no trouble if it meets with collision, very good for farming.

6.LED has low power consumption, and it would save the cost for compensating lights.

7.New Technology: Each protection tubes for every LEDs diodes that could absorb the impulse caused by abnormal high input voltage. If any one LED diodes dead, the others and whole lamp can still work. It is also very convenient to replace of new LED diodes.

## 2. Application

Hydroponics & Horticulture & Greenhouse Lighting,

Seeding/Seedling/Breeding,

Farm/Flower Exhibition/Garden/Bonsai etc

## 3. Features

1. Longevity - 30000 hour lower maintenance
2. Low power consumption - energy-saving
3. Low heat consumption - greenhouse
4. Low correlate color temperature windage - color accord
5. High efficiency heat sink - exterior temperature Low
6. High insulate characteristic- safe
7. High luminous flux output for illumination - substitute tradition lighting
8. Max power angle - lighting range wide
9. Mini size weight - weight 900g ±10g
10. Resistant to shock & vibration - convenient for Transportation
11. Wide operation temperature - applications environmen
12. Width voltage input - AC100V~AC240V
13. RoHS compliance - green environment-friendly
14. Artificial sun 24 hours a day - may be permitted to adjust
15. To promote and extend the flowering period of plant growth

## 4. Electrical Characteristic

1. Power Output: 50W
2. Input Current: 0.60A
3. Lumen Output: 2100 Lm
4. Ideal height above the plant: 0.8 - 1.2 m
5. Dimensions: 175mm (diameter), 60mm (height), and 1.7 m (power cord length)