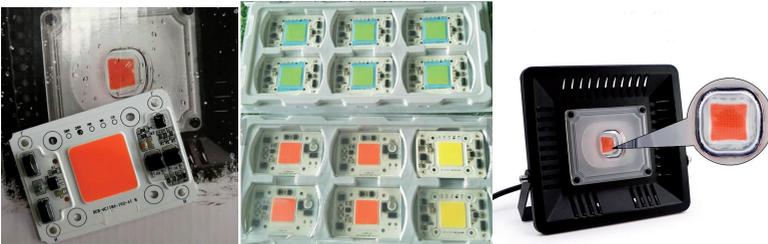


HP50FS

1.Product pictures



2.Product Description

1. Collect AC mains directly. Input voltage is AC170-300V.
2. Appearance design patent. Grade of waterproof is IP65.
3. High density aviation aluminum material has fast heat dissipation.
4. LED encapsulation uses 14*30mil chip from ELEC-TECH INTERNATIONAL CO.,LTD.
5. Test for luminous flux in single module is 80LM/W.
6. Size for module is 70*43*5.2mm.
7. Using heat dissipation with superconducting hot MCPCB has low light decay.
8. The light source which uses the flip-chip technology is Withstand Voltage, resistance to squeeze and more stable.
9. High accuracy of constant current is within 2% and conversion efficiency is more than 90%.
10. Power factor is more than 0.92.
11. Lightning Resistance is 4KV. High pressure through II lighting requirements is AC1750V.
12. With constant power regulation function, meanwhile, with protection of overvoltage, over current and over temperature.(If bare spot without radiator, dead light will not happen.)
13. Input power of module is 50W. Integrated project-light lamp shell is general in market.
14. The ratio of different light can refer to the needs of customer. We recommend 8:1, 7:1:1 and 7:2. The market common wavelength (RED:BLUE:ORANGE) is that red wavelength is 620-630nm, blue wavelength is 460-470nm and orange wavelength is 610-615nm. It can choose red, blue, orange, yellow, UV, IR and white mixed light to provide spectrum for plant. Red light can promote plant germination and flowering. Blue

HP50FS

light can promote plant growth. Users can choose a more appropriate wavelength and color ratio to promote plant growth.

3.Package

200 pcs per carton, GW: 6kg

Carton size: 31*26*18cm

4.Application

WATERPROOF IP67

fits for outdoor lighting



PRODUCT DETAILS DISPLAY

LED Lens Cover



Indoor Plant LED Grow Light

Spectrum 380~780nm

High Ratio Red Light 610~730nm

Fits for flowering and fruiting very well

附录:

中文简介

产品型号: HX-DOB-50W

产品介绍:

- 1、可以直接接交流市电，输入电压为 AC110V 和 AC220V 两种，可根据客户国家电压进行选择。
- 2、外观专利设计，防水等级 IP65。
- 3、高密度航空铝材，散热快速。
- 4、采用德豪润达 14*30 芯片封装。
- 5、单个模组光通量测试 80LM/W。
- 6、模组尺寸: 70*43*5.2mm。
- 7、使用超导热铝基板散热，光衰低。
- 8、光源采用倒装工艺、耐压、耐挤、品质更加稳定。
- 9、恒流精度高<2%、转换效率高>90%。
- 10、功率因素 (PF) >0.92。
- 11、抗雷击 4KV，打高压通过 II 类灯具要求 AC1750V。
- 12、具有恒功率调节功能，同时具有过压、过流、过温保护 (裸点不用散热器不会有死灯现象)。
- 13、模组输出功率为 50W、市场所有集成投光灯外壳通用。
- 14、不同光之间的比例可由客户指定，我们推荐的比例是 8:1, 7:1:1 和 7:2，市场常用波长为 (红: 蓝: 橙) 红光的波长为 620-630nm，蓝光的波长为 460-470nm。