

# UFO square plant light UFO 方形植物灯

## Product specification 产品规格书

product description:

UFO square plant light

UFO 方形植物灯

model:

SJZX-UFOFX

### Product Images(产品图片)



Product Size (产品尺寸) 差线条图





## Product parameter (产品参数)

product name(产品名称)	世纪之芯 UFO 方形植物灯	
Product Number (产品型号)	SJZX-UFOFX	
Nominal Power (标称功率)	1000W/1500W/2000W	
Actual Power (实际功率)	100W/150W/200W	
Frequency Range (频率范围)	50-60Hz	
Input Voltage (输入电压)	85-260V	
IP Rating (防护等级)	IP65	
Life (寿命)	30000H	
Working temperature (°C) 工作温度(°C)	-20-50	
Material(材质)	Aluminum(铝)	
LED Chip (LED 灯珠)	SMD 3030	
Body Size (产品尺寸)	275*275*155mm	
	315*315*160mm	
	345*345*170mm	
Package Size(包装尺寸)	28.5*28.5*12cm	
Gross weight(毛重)	2.28kg	

Recommend Hanging Height & Ttime (建议安装高度及照明时间)



## Irradiation area of different heights (不同高度的照射面积)

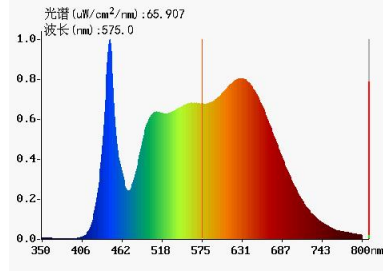
## Irradiation area of different heights (不同高度的照射面积)

Height 高度 (cm) / Area 面积 (m <sup>2</sup> )	100W	150W	200W
30	0.36	0.81	1.21
50	0.49	1	1.44
80	0.64	1.21	1.69

## Test data at different heights (不同高度的测试数据)

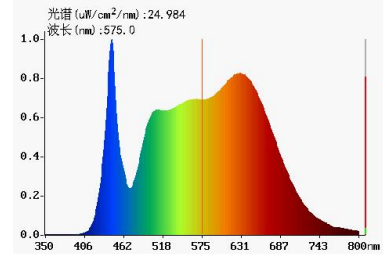
30Cm(100W)

PAR (mW/cm<sup>2</sup>) 17.415  
 PPFD (umol/m<sup>2</sup>/s) 776.687  
 PPFD紫外 (umol/m<sup>2</sup>/s) 1.133  
 PPFD蓝 (umol/m<sup>2</sup>/s) 141.147  
 叶绿素B (mW/cm<sup>2</sup>) 0.070  
 PPFD红 (umol/m<sup>2</sup>/s) 338.895



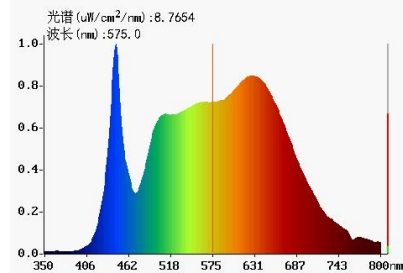
50Cm(100W)

PAR (mW/cm<sup>2</sup>) 6.564  
 PPFD (umol/m<sup>2</sup>/s) 294.023  
 PPFD紫外 (umol/m<sup>2</sup>/s) 0.335  
 PPFD蓝 (umol/m<sup>2</sup>/s) 52.773  
 叶绿素B (mW/cm<sup>2</sup>) 0.026  
 PPFD红 (umol/m<sup>2</sup>/s) 128.903



80Cm(100W)

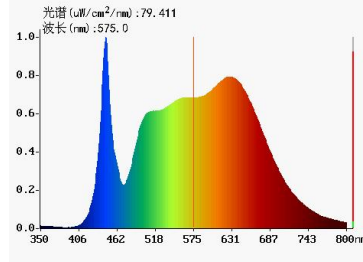
PAR (mW/cm<sup>2</sup>) 2.379  
 PPFD (umol/m<sup>2</sup>/s) 103.833  
 PPFD紫外 (umol/m<sup>2</sup>/s) 0.308  
 PPFD蓝 (umol/m<sup>2</sup>/s) 19.195  
 叶绿素B (mW/cm<sup>2</sup>) 0.010  
 PPFD红 (umol/m<sup>2</sup>/s) 45.361



## Test data at different heights (不同高度的测试数据)

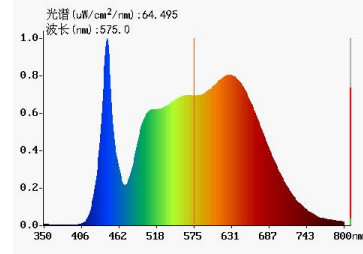
30Cm(150W)

PAR (mW/cm <sup>2</sup> )	20.619
PPFD (umol/m <sup>2</sup> /s)	910.987
PPFD紫外 (umol/m <sup>2</sup> /s)	1.949
PPFD蓝 (umol/m <sup>2</sup> /s)	160.358
叶绿素B (mW/cm <sup>2</sup> )	0.084
PPFD红 (umol/m <sup>2</sup> /s)	399.080



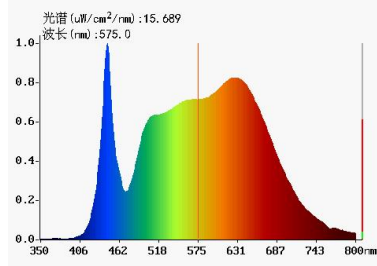
50Cm(150W)

PAR (mW/cm <sup>2</sup> )	16.569
PPFD (umol/m <sup>2</sup> /s)	739.674
PPFD紫外 (umol/m <sup>2</sup> /s)	0.992
PPFD蓝 (umol/m <sup>2</sup> /s)	130.196
叶绿素B (mW/cm <sup>2</sup> )	0.066
PPFD红 (umol/m <sup>2</sup> /s)	324.039



80Cm(150W)

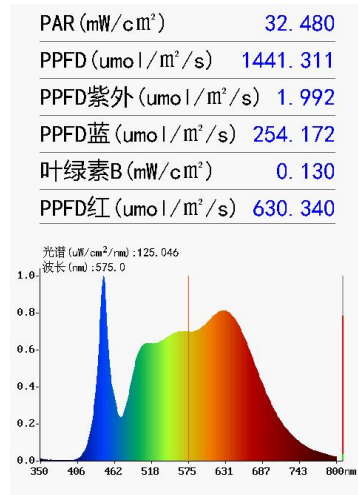
PAR (mW/cm <sup>2</sup> )	4.086
PPFD (umol/m <sup>2</sup> /s)	180.685
PPFD紫外 (umol/m <sup>2</sup> /s)	0.287
PPFD蓝 (umol/m <sup>2</sup> /s)	31.971
叶绿素B (mW/cm <sup>2</sup> )	0.017
PPFD红 (umol/m <sup>2</sup> /s)	79.289



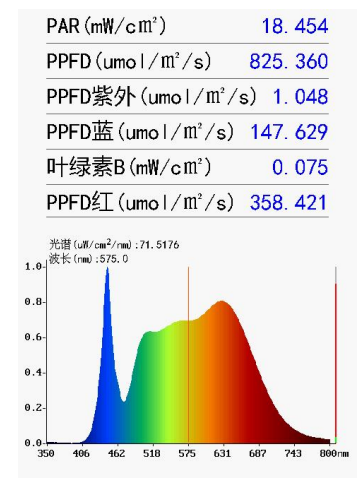


Test data at different heights (不同高度的测试数据)

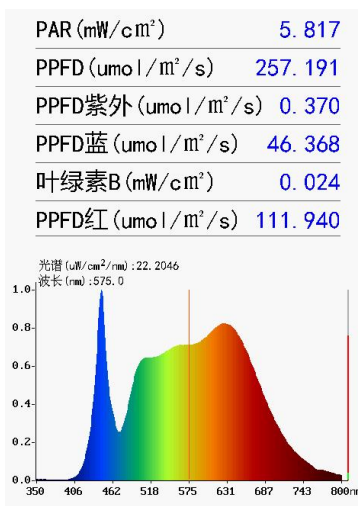
30Cm(200W)



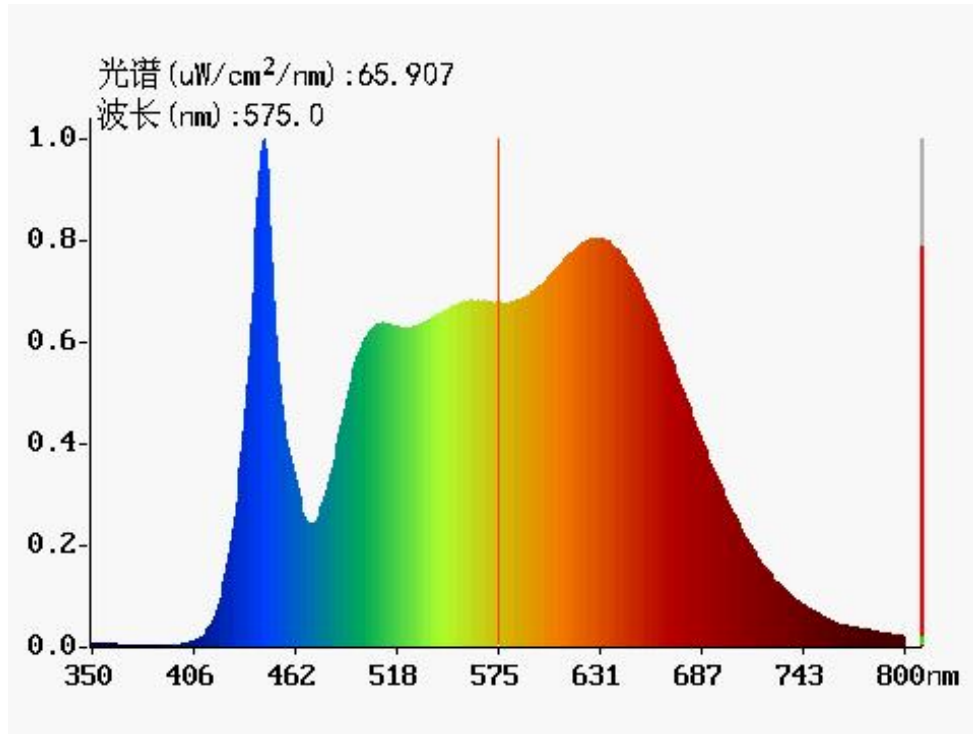
50Cm(200W)



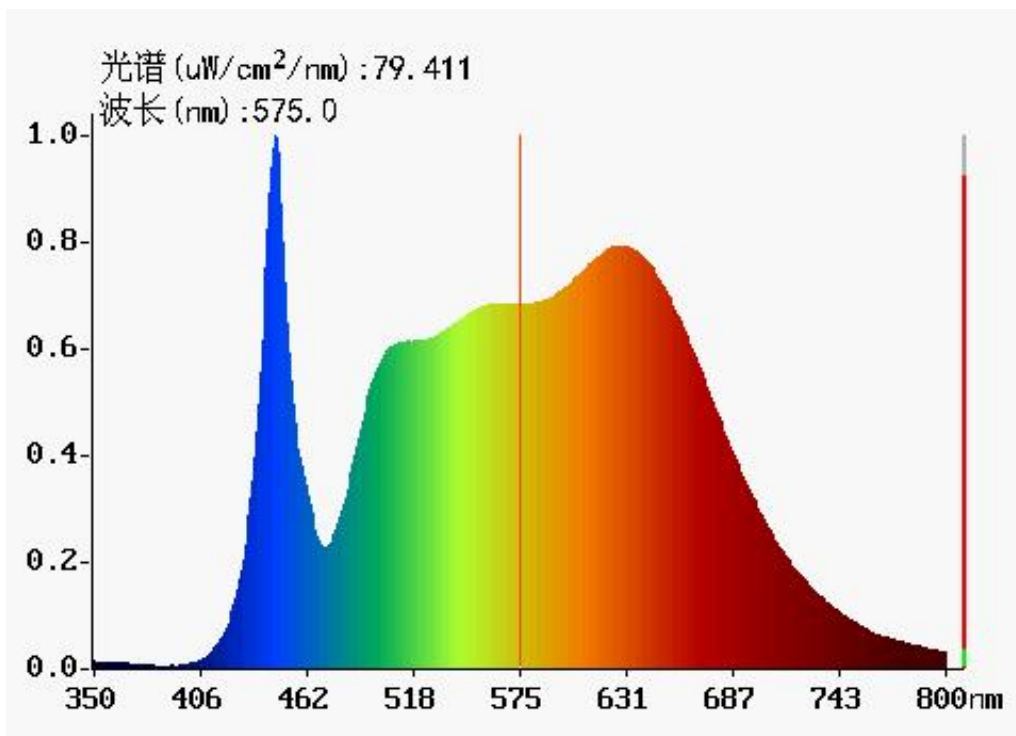
80Cm(200W)



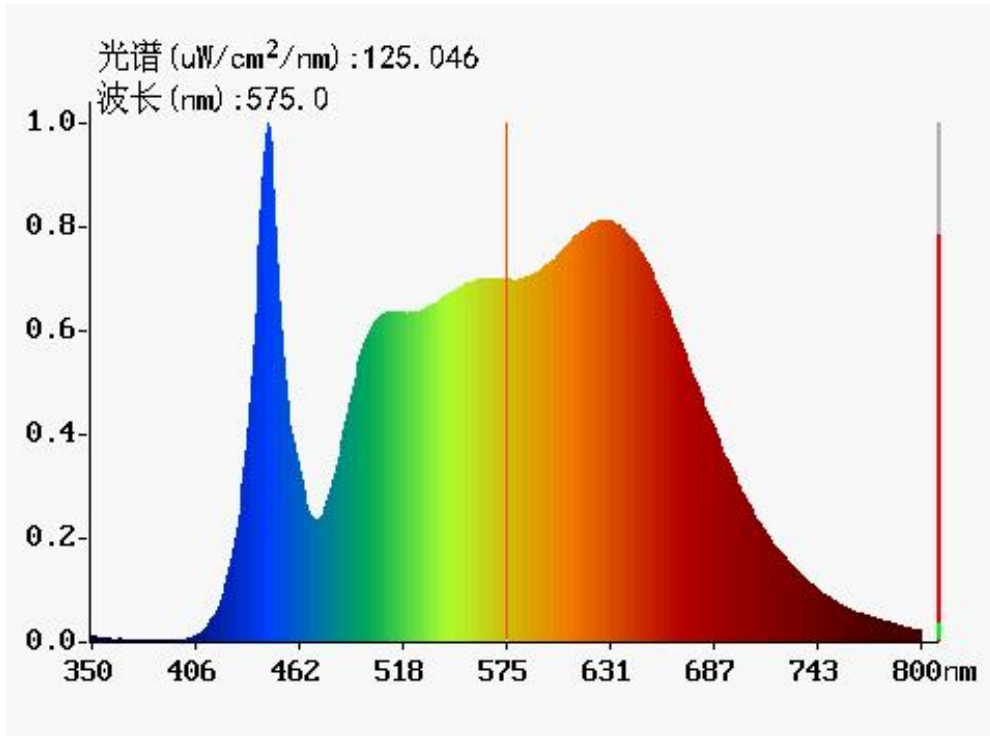
Spectrum (光谱图)



100W



150W



200W

## Application(应用)

适用于多种植物、大棚、室内种植

Suitable for a variety of plants, greenhouses, indoor planting



Greenhouse planting

大棚种植



Pipe planting

管道种植



Garden planting

花园式种植



Indoor potted planting

室内盆栽种植



Herbal cultivation

草药种植



Succulent planting

多肉类种植

## product details (产品细节)

### Detail 细节

#### 216 chips 216颗芯片

Each chip emits light through the honeycomb convex lens, with stronger energy and more uniform light emission  
每颗芯片均透过蜂巢式凸透镜发光，能量更强，发光更均匀



#### Cooling function 散热功能

The design of the heat sink allows 360° heat dissipation at the rear  
散热片的设计，后部可以360°散热

## Hanging buckle 悬挂吊扣

The design of the hanging buckle can  
make the lamp body more convenient  
when hanging up  
吊扣的设计

可以让灯体吊起来的时候更便捷



## Waterproof and dustproof 防水防尘

The interface at the power cord  
can be waterproof and dustproof  
to better protect the normal  
operation of the internal system

电源线处的接口，

可以防水防尘，

更好的防护内部系统的正常运行



## Packaging (包装)

- packaging information (包装信息) :
- Quantity (数量) :  
1 x LED Grow Light (植物灯)  
1 x Sling (吊绳)
- Gross weight (毛重) :2.28Kg/pcs
- Packaging size (产品包装) :28.5\*28.5\*12cm
- Packaging method (包装说明) :
- Accessories included in the package 包装里所包含的配件:



