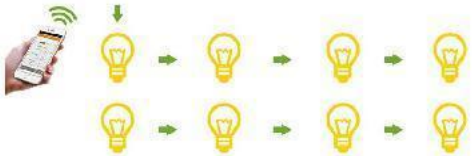
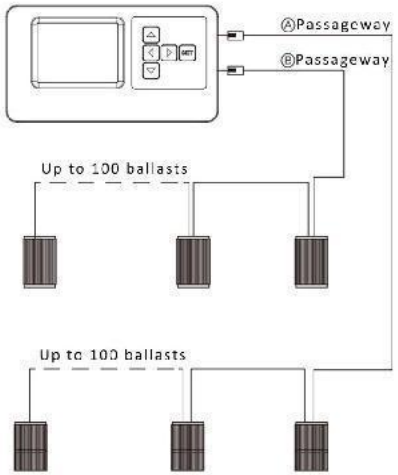
Controller



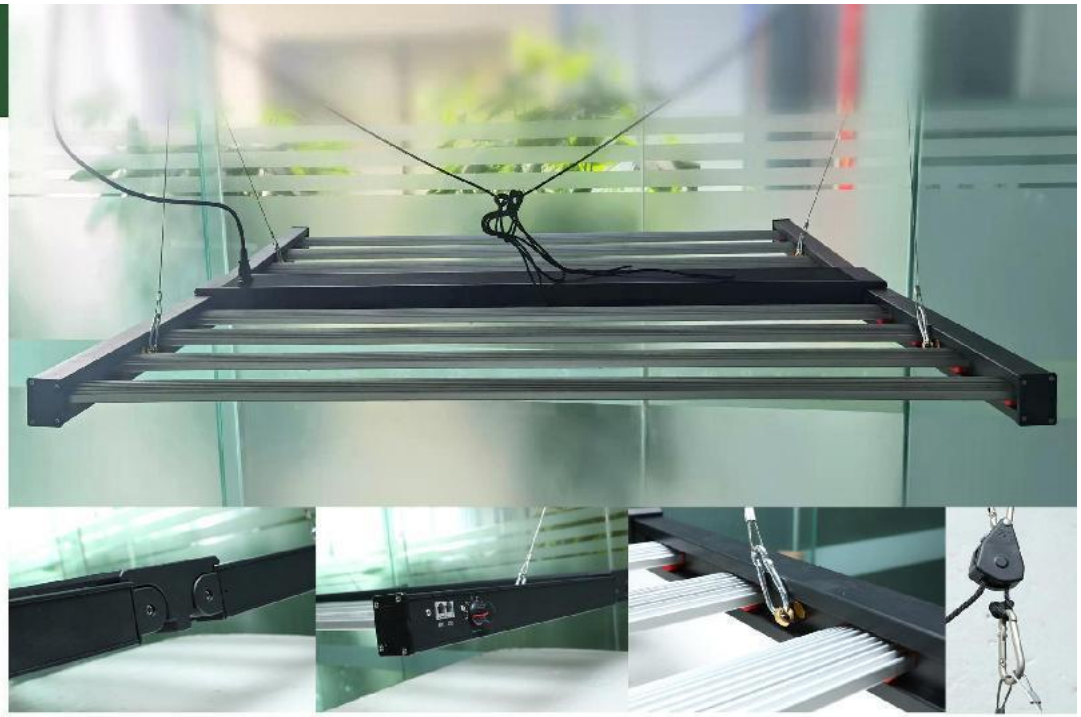


Mobile APP control

1、Download "SmarMesh"and follow the instructions to connect the controller;
2、These plant lights can be centrally controlled by our intelligent controller.
3. This switch and timing mode does not require complicated procedures and also improves safety, such as automatically dimming or even turning off lights at high temperatures.

Product features

*No need for master switch, easy to use, safe to install (low voltage equipment);
*Short circuit protection, dual temperature safety function;
*Timing (It can be set to turn on and turn off the light at regular intervals);
*Temperature and humidity can be measured;
*It can control 100 adjustable drives at the same time;
* 0 - 10 v dimmer;



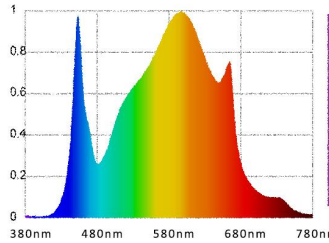
LED grow lamp

Dual circuit control

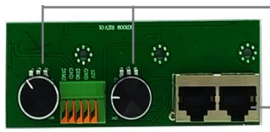
Dual circuit control LED grow lamp, add independent violet light, smaller packing volume, is the top lighting solution for the full cycleof commercial cannabis cultivation,and is a great boost to innovative agriculture. It help customers achieve sustainable c-rop planting throughout the year.And a good formulameans fa-ster growth, greater harvest and higher quality plants.

2.8 μmol/J
Intertek
0-10V
3 YEAR

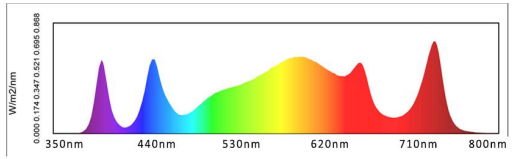
LED Grow Lamp (double Circuit)



*Violet - Thicken leaves and flowers, resist extension of stem and leaves, help to form anthocyanin



double circuit
（Group control to timing ang dimming）
RJ 45 part



Specifications	
Light Source	LEDs
LED Chips	3000&5000K white+660nm red+730nm ir+395nm uv
Light Output PPF	1900 umol/s
Efficacy	2.8 umol/J @277V AC
AC Input Power	680W @277V AC
AC Input Voltage	100~277V AC@ 50/60HZ
Power Factor	≥ 0.98
Dimming	0~10V Source
Light Beam Angle	120°
Fixture Dimensions	1230 x 1110 x 60 mm
Fixture Weight	13.2kg
Thermal Management	Passive
Max.Ambient Temperature	104°F/40°C
Mounting Height	24-35inches
Lifetime	>50,000hrs
Warranty	3 Years Standard Warranty

Specifications	
Light Source	LEDs
LED Chips	3000&5000K white+660nm red+730nm ir+395nm uv
Light Output PPF	2400 umol/s
Efficacy	2.8 umol/J @277V AC
AC Input Power	860W @277V AC
AC Input Voltage	100~277V AC@ 50/60HZ
Power Factor	≥ 0.98
Dimming	0~10V Source
Light Beam Angle	120°
Fixture Dimensions	1230 x 1110 x 60 mm
Fixture Weight	16.2kg
Thermal Management	Passive
Max.Ambient Temperature	104°F/40°C
Mounting Height	24-35inches
Lifetime	>50,000hrs
Warranty	3 Years Standard Warranty

Max Amperage By Voltage Service

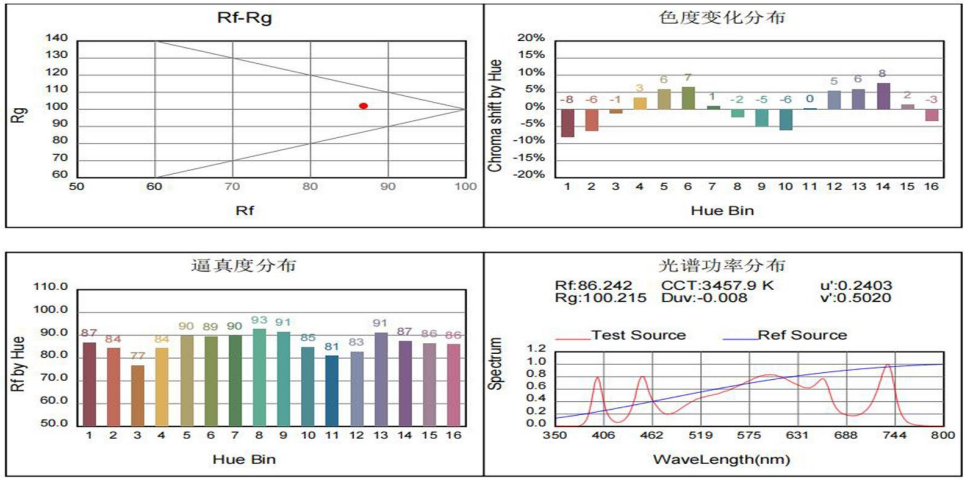
AC VALTAGE	110V	176V	220V	240V	277V
AC Current	5.74A	3.45A	2.77A	2.54A	2.27A
AC Power	666W	644W	640W	640W	640W
Power Factor	0.993	0.993	0.984	0.979	0.972

Max Amperage By Voltage Service

AC VALTAGE	110V	176V	220V	240V	277V
AC Current	7.81A	4.75A	3.81A	3.50A	3.12A
AC Power	856W	827W	820W	816W	813W
Power Factor	0.995	0.987	0.978	0.970	0.963

*Nominal electrical AC input,
Power tolerance ±5%
*At 77F(25℃) ambient temperature

Spectral illuminance test



Specifications	
Light Source	LEDs
LED Chips	3000&5000K white+660nm red+730nm ir+395nm uv
Light Output PPF	2960umol/s
Efficacy	2.8umol/J @277V AC
AC Input Power	1060W @277V AC
AC Input Voltage	100~277V AC@ 50/60HZ
Power Factor	≥ 0.98
Dimming	0~10V Source
Light Beam Angle	120°
Fixture Dimensions	1230 x 1110 x 60 mm
Fixture Weight	19.2kg
Thermal Management	Passive
Max.Ambient Temperature	104°F/40°C
Mounting Height	24-35inches
Lifetime	>50,000hrs
Warranty	3 Years Standard Warranty

After folding, the packing volume can be reduced by 50%

Smaller Packaging

Product list

Grow Lamp	1	Specification Book	1	Wire Hanger	1
Adjustable Cord	2	Power Cord	1	Net wire	1