

Professional Cannabis Plant Light



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As an annual herb, hemp has more uses, for example, it is the raw material of fiber manufacturing products and medical supplies, and also has many medicinal values.

Therefore, in order to accelerate the growth cycle of cannabis cultivation and increase the output supply, it is the best way to plant cannabis in greenhouse.

Cannabis is a light loving and short day crop, and late maturing varieties are more sensitive to light, so pay special attention to light conditions when planting industrial cannabis in greenhouses. The growth of plants and the large content of various substances are affected by insufficient light. When planting in the greenhouse, pay attention to the light transmittance, light intensity and light duration in the greenhouse.

In the greenhouse, you can choose the plant growth lamp to fill the light for cannabis. When selecting the fill light, you should pay attention to the power of the plant growth lamp. The powerful plant growth lamp can meet the lighting requirements of cannabis growth.

Five Star Lighting has developed a variety of high-power plant growth lamps for marijuana cultivation. The lamp panel is wide and thick, with good heat dissipation effect. The lamp spectrum is specially customized for the growth cycle of industrial marijuana. At the same time, it can be folded, stored and installed, and the whole lamp components meet the IP65 waterproof standard.

FIVE STAR LIGHTING As an influential and responsible supplier, Exporting first-class innovative lighting technology products, equipment and solutions to the world as a mission, as a pilot enterprise of One Belt and One Road initiative pilot enterprise. Our products have been exported to Europe, Asia, Africa, South America and Middle Eastern countries, which enjoys good reputation.

Welcome to discuss cooperation with us!



PRODUCT ADVANTAGE

- Uniform light distribution
- Lots of high PPF light efficiency solutions
- Excellent heat dissipation performance
- Extension cords available
- Full-spectrum dimmable growth lamps make plants more productive Improve efficiency

PRODUCT PARAMETER

Power	800W
Input voltage	AC 100-277V
LED chip	Samsung 281B+ Hikari 660nm
spectrum	Full spectrum +IR730nm+395nm
PPF	1760±5% umol/s
PPFD	1900umol/m ² /s @30cm
Dimming	0-10V dimming
Luminous Angle	120 degrees
Product size	1104*1080*130mm
Shell color	silver
Power factor	>0.98
Life span	>50,000 hours
The number of lamp beads	2880pcs
Light efficiency	2.5 umol/J
Color temperature	3500K 5000K
Waterproofing class	IP65
Operating temperature	-10°C ~ 40°C
Certification certificate	FCC,CE,RoHS

Warm 3000K=2080pcs White 5000K=640pcs Red 660nm=128pcs
 UV395nm=16pcs IR730nm=16pcs



Warm 3000K=2200pcs White 5000K=1000pcs Red 660nm=160pcs
 UV395nm=20pcs IR730nm=20pcs

PRODUCT ADVANTAGE

- Uniform light distribution
- Lots of high PPF light efficiency solutions
- Excellent heat dissipation performance
- Extension cords available
- Full-spectrum dimmable growth lamps make plants more productive Improve efficiency

PRODUCT PARAMETER

Power	1000W
Input voltage	AC 100-277V
LED chip	Samsung 281B+ Hikari 660nm
spectrum	Full spectrum +IR730nm+395nm
PPF	1950±5% umol/s
PPFD	2200umol/m ² /s @30cm
Dimming	0-10V dimming
Luminous Angle	120 degrees
Product size	1104*1080*130mm
Shell color	silver
Power factor	>0.98
Life span	>50,000 hours
The number of lamp beads	3400pcs
Light efficiency	2.5 umol/J
Color temperature	3500K 5000K
Waterproofing class	IP65
Operating temperature	-10°C ~ 40°C
Certification certificate	FCC,CE,RoHS



3000K=2200pcs Warm light 5000k=1000pcs Red light 660nm=200pcs

PRODUCT ADVANTAGE

- LED special plant light source, integrated full spectrum plant growth lamp.
- Radiation resistance, high temperature resistance, waterproof.
- Increase the duration of sunshine by simulating, promote plant photosynthesis, accelerate growth and maturity, and improve yield efficiency.
- Stable performance, good heat dissipation effect.
- Professional plant lamp manufacturers, can be customized, a large number of excellent, welcome to inquire!

PRODUCT PARAMETER

Power	1000W
Input voltage	AC 100-277V
LED chip	Samsung 281B+ Hikari 660nm
Spectrum	Full spectrum +660nm
PPF	2235±5% umol/s
PPFD	2460mol/m ² /s @30cm
Dimming	0-10V dimming
Luminous Angle	120 degrees
Product size	1100*1030*110mm
Shell color	silver
BAR	10.00
Life span	>50,000 hours
The number of lamp beads	3400pcs
Light efficiency	2.8 umol/J
Color temperature	3500K
Waterproofing class	IP65
Operating temperature	-10°C ~ 40°C
Certification certificate	FCC,CE,RoHS



Warm Light 3000K=1360pcs White Light 5000K=1360pcs 660nm=80pcs
UV395nm=192pcs IR730nm=64pcs

PRODUCT ADVANTAGE

- LED special plant light source, integrated full spectrum plant growth lamp.
- Radiation resistance, high temperature resistance, waterproof.
- Increase the duration of sunshine by simulating, promote plant photosynthesis, accelerate growth and maturity, and improve yield efficiency.
- Stable performance, good heat dissipation effect.
- Professional plant lamp manufacturers, can be customized, a large number of excellent, welcome to inquire!

PRODUCT PARAMETER

Power	880W
Input voltage	AC 100-277V
LED chip	Samsung 281B+ Hikari 660nm
Spectrum	Full spectrum +IR730nm+395nm
PPF	1900±5% umol/s
PPFD	2100mol/m ² /s @30cm
Dimming	0-10V three-way dimming
Luminous Angle	120 degrees
Product size	1100*1050*110mm
Shell color	silver
BAR	8.00
Life span	>50,000 hours
The number of lamp beads	3056pcs
Light efficiency	2.8 umol/J
Color temperature	2700K
Waterproofing class	IP65
Operating temperature	-10°C ~ 40°C
Certification certificate	FCC,CE,RoHS



Warm Light 3000K=2016pcs White Light 5000K=840pcs Red light 660nm=60pcs
 UV395nm=12pcs IR730nm=12pcs

PRODUCT ADVANTAGE

- Using Samsung/Osram LEDs to emit light, with market-leading efficiency, improving yield and quality.
- Flexible dimmable, easy to control main light easy to install, IP65 waterproof.
- Aluminium heat dissipation, fanless design with no noise, saving 50% energy.
- Upgraded UV IR full spectrum grow light to accelerate plant growth.
- Optimal performance for increased yield, suitable for commercial, home, tent, , hydroponics, soil full cycle plant growth.

PRODUCT PARAMETER

Power	650W
Input voltage	AC 100-277V
LED chip	Samsung 281B+ Hikari 660nm
Spectrum	Full spectrum +IR730nm+395nm
PPF	1524±5% umol/s
PPFD	1780 umol/m ² /s @30cm
Dimming	0-10V dimming
Luminous Angle	120 degrees
Product size	1100*1080*130mm
Shell color	silver
Power factor	> 0.98
Life span	>50,000 hours
The number of lamp beads	2940pcs
Light efficiency	2.7 umol/J
Color temperature	3500K 5000K
Waterproofing class	IP65
Operating temperature	-10°C ~ 40°C
Certification certificate	UL FCC,CE,RoHS



Warm light 3000K=544pcs White light 5000K=288pcs Red light 660nm=52pcs
IR730nm=4pcs

PRODUCT ADVANTAGE

- The latest high efficiency SMD waterproof LED, high luminous efficiency, adjustable light full spectrum design.
- Full cycle lighting solution for all growing environments.
- Large footprint, wide plant coverage.
- Save energy and pay less bills, easy to install and hang.
- Brightness and temperature can be set, safe and simple to operate.

PRODUCT PARAMETER

Power	450W
Input voltage	AC 100-277V
LED chip	3030 Highlight
Spectrum	Full spectrum +660nm +IR 730nm
PPF	1240±5% umol/s
PPFD	1953 umol/m ² /s @30cm
Dimming	1-10V dimming
Luminous Angle	120 degrees
Product size	600*480*55mm
Shell color	silver
Power factor	>0.98
Life span	>50,000 hours
The number of lamp beads	888pcs
Light efficiency	2.7 umol/J
Color temperature	3500K 5000K
Waterproofing class	IP65
Operating temperature	-10°C ~ 40°C
Certification certificate	FCC,CE,RoHS



White 6000K warm white 3000K+660 red light + high efficiency 460 blue light +730 far red,
Samsung 0.5W high light effect lamp bead chip 4340 pieces

PRODUCT ADVANTAGE

- 180° folding design, highlighting LED lights, a variety of control methods.
- The heat dissipation effect is significantly improved and the service life is prolonged.
- On the basis of 0-80V dimming, adding Internet control can be dimmed through APP Bluetooth connection.
- Spectrum can be customized.
- Developed specifically for plants with special lighting that is more efficient than regular full spectrum

PRODUCT PARAMETER

Power	800W	1000W
Combination	8 pieces of 800W2 folded 1.1M	10 strips 1000W2 discount 1.8M
Product size	1106*1106mm	1106*1800mm
Input voltage	AC 180-277V	AC 180-277V
Power brand	1000W power ULcUL	1000W power ULcUL
PPF	3000 μ mol/s	3000 μ mol/s
EFF	3.0 μ mol/J	3.0 μ mol/J
Beam Angle	120°	120°
Material	Aluminum + chip spray glue	Aluminum + chip spray glue
Shell color	silver	silver
Line	3M plug, with cable 3m	3M plug, with cable 3m
PF	>0.95	>0.95
CRI	>80	>80
Warranty	3 year	3 year
Lamp bead chip	Samsung 281B Full	Samsung 281B Full
	(660 Red Light 350, 1W with lens. High luminous effect 460 blue light, 160,730 far red 70, total: 4340)	(660 Red Light 280, 1W with lens. High luminous effect 460 blue light, 128,730 far red 56, total: 3472)



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