

# USER MANUAL

## PB PRO SERIES

Remote Control LED Grow Light

PB1000 Pro

PB1500 Pro

PB2000 Pro

PB4000 Pro



**SAMSUNG**



# MAXSISUN

Born for Harvest.



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### Contact Us:

- ✉ support@maxsisun.com
- 💬 Contact us via Amazon or eBay message
- 🌐 www.maxsisun.com

MADE IN CHINA

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Facebook



Instagram



Amazon Store

### Dear Customer

Thank you for shopping with MAXSISUN. Please read and follow the instructions below before installing and using your light. If you have any concerns, please contact us via [support@maxsisun.com](mailto:support@maxsisun.com).

### Safety Warnings and Recommendations:

1. Do NOT use a damaged power cord.
2. Do NOT look directly at the LED bulbs when the light is operating.
3. Do NOT use the light near flammable, explosive or reactive substances.
4. Do NOT attempt to open, rewire or reconfigure any components of the light system. It will void the warranty and could cause severe injury or death.
5. Hang light securely so that it cannot fall.
6. Only use the supplied power cord comes with the light.
7. Indoor use only. The light is certified for use in damp and dry locations.
8. Always disconnect power from the light before moving or cleaning it.
9. Check and adhere to all local rules and regulations when installing.
10. The minimum required distances between lights is 4 inches (10cm), and between the light and combustible materials is 16 inches (40cm) such as walls, ceilings, movable partitions, and the like.
11. The maximum temperature of the installed environment that will ensure safe operation of the light. A mechanical ventilation or cooling system is required to maintain the temperature within the growing space below 104°F (or 40°C) when the light is operating.

### Cleaning:

Disconnect the power cord. Using a clean, soft, lint-free cloth to wipe the light. Please be aware of getting moisture or damage in any openings.

### Legal Disclaimer:

MAXSISUN products are to be used for lawful purposes only. It is the responsibility of you as the purchaser to know and abide by all laws on the use of MAXSISUN products.

MAXSISUN will NOT be held liable for any unlawful state or federal activity arising out of the use of our products. By purchasing a MAXSISUN product, you agree to these terms and conditions, confirming that you, as the purchaser, are attesting to the lawful use of our product and are thereby solely responsible for acting in conformance with all applicable regulations.

# MAXSISUN PB Pro Series

One remote can control multiple lights  
Daisy chain function available

Samsung LEDs  
Mean Well Driver

**SAMSUNG**

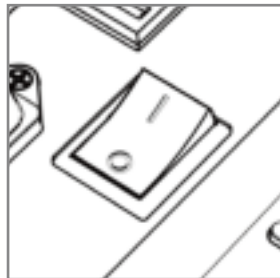


# QUICK START GUIDE

## 1 BEFORE USE

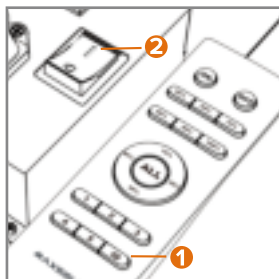


1. Install batteries in the remote.

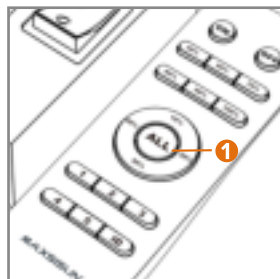


2. Plug the light into an outlet. Turn off its switch.

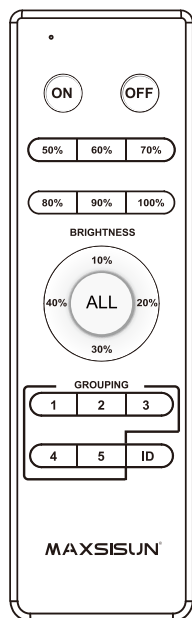
## 2 CONNECT REMOTE TO LIGHT(S)



1. Long-press [ID] and turn on the switch. The light will blink if the connection succeeds.



2. Press [ALL]. Select the brightness you want. Repeat for all lights.



**ON**  
Power on the light.

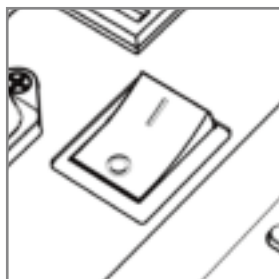
**OFF**  
Power off the light.  
(Standby mode)

**ALL**  
To control all groups.

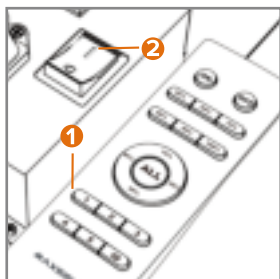
**ID**  
Connect remote to light.

**Tips:** To save your electricity bill, please turn off the switch of the light if long time no use.

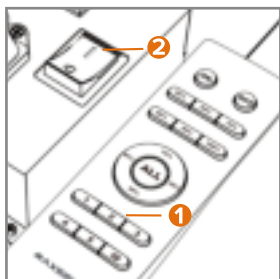
## 3 GROUPING: SET DIFFERENT BRIGHTNESS FOR MULTIPLE LIGHTS



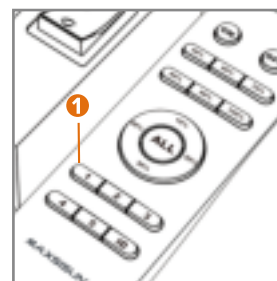
1. Connect one remote to all lights (ex. 10 lights). Turn off their switches.



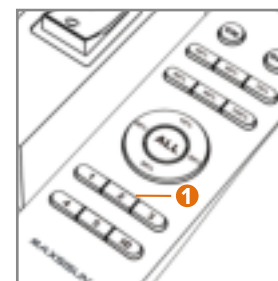
2. Put 5 lights into group 1: Long-press [1] and turn on 5 lights' switches. These lights will blink if the connection succeeds.



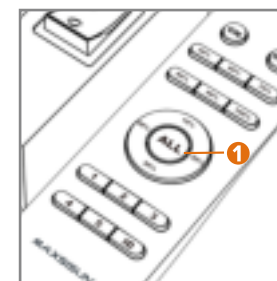
3. Put the rest of 5 lights into group 2: Long-press [2] and turn on their switches. These lights will blink if the connection succeeds.



4. Press [1]. Select the brightness for group 1.

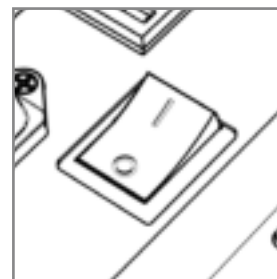


5. Press [2]. Select the brightness for group 2.

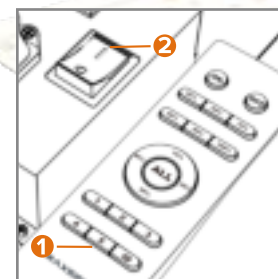


6. Press [ALL]. Select the brightness for all lights.

## 4 CHANGE ONE LIGHT TO OTHER GROUP (Ex. From Group 1 to Group 5)

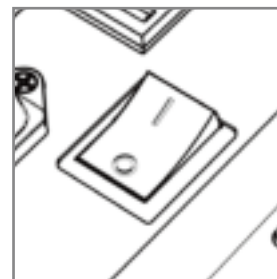


1. Turn off its switch.

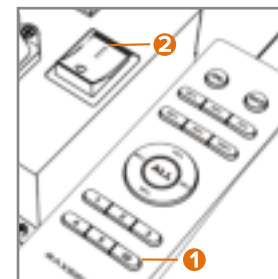


2. Long-press [5] and turn on its switch. The light will blink if the connection succeeds.

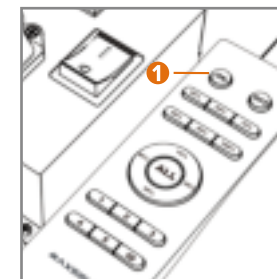
## 5 CONNECT REMOTE TO LIGHT WHICH IS IN STANDBY MODE



1. Turn off the switch over 15 seconds.



2. Long-press [ID] and turn on the switch over 5 seconds. The connection will succeed.



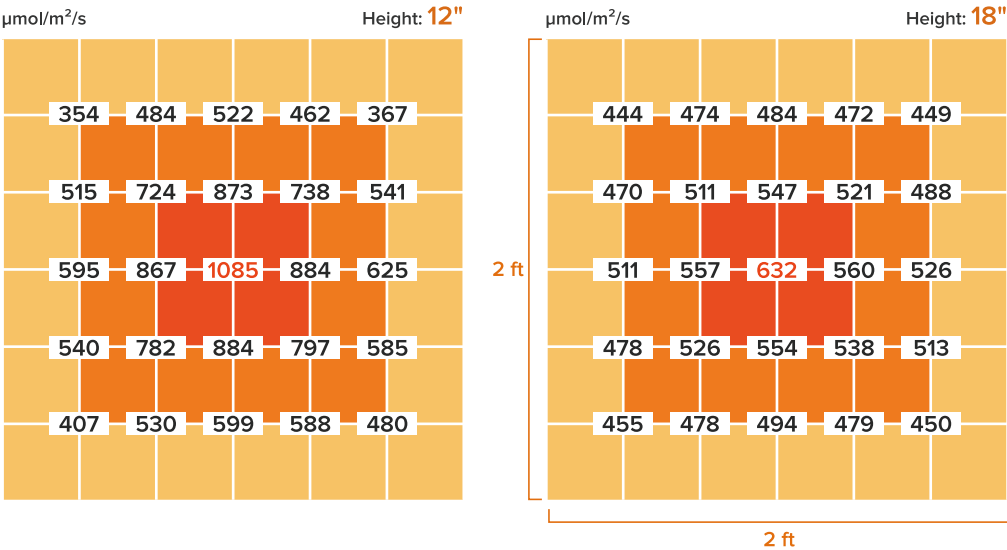
3. Press [ON] to turn on the light.

# PB1000 Pro

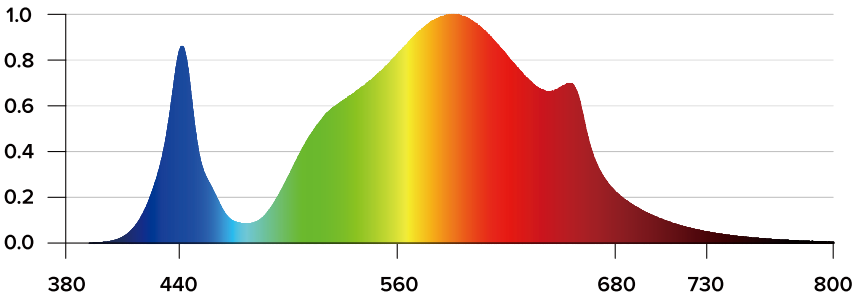
## PB1000 Pro USING SUGGESTIONS

PB1000 Pro	Height (above plants' canopy)	Using Hours	Brightness
3-5 Days Acclimation Period	24"-28"	18 on / 6 off	40%
Seedlings/Young Vegetative	20"-24"	18 on / 6 off	60%
Vegetative Stage	16"-20"	18 on / 6 off	100%
Flowering Stage	12"-16"	12 on / 12 off	100%

## PB1000 Pro PPFD MAP - Tested in a 2x2 ft Grow Tent



## PB1000 Pro SPECTRUM



## PB1000 Pro SPECIFICATION

Model:	PB1000 Pro	HID Replacement:	200W HPS/MH
Feature:	Remote Control	Vegetative Coverage at 18":	2.5 × 2.5 ft
Actual Power Draw:	100W±3% at 120V	Flowering Coverage at 14":	2 × 2 ft
LED Quantities:	350pcs	Use for:	all stages grow and flowering
Total Harmonic Distortion:	< 15%	Dimensions:	12 x 10.8 x 2.1 inches
Input:	AC100-240V~ 0.95A	Item Weight:	3.9 lbs
Frequency:	50-60Hz	Lifespan:	≥100,000 hours
Package Includes:	1 x PB1000 Pro; 2 x Hanging Kits; 2 x Rope Hangers; 1 x 6 ft Power Cord; 1 x Remote (with 2pcs AAA batteries)		



### ! NOTE:

Extremely bright, do not stare at operating lamp.

For flowering stage: use all channels with 100% brightness.

This light includes IR (Infrared) LEDs which look dim, they are not faulty LEDs.

For safety, total true wattage of extra connected lights MUST less than 600W.

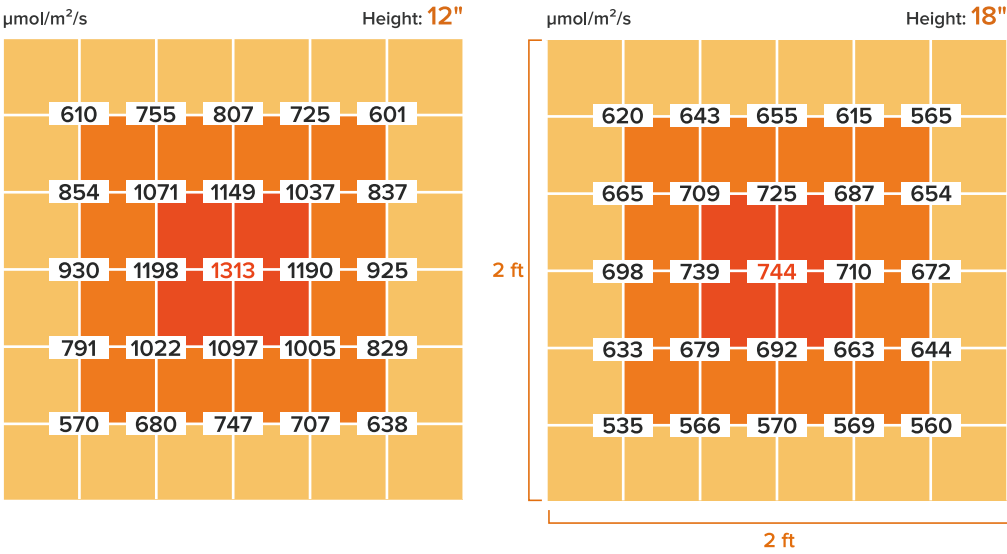


# PB1500 Pro

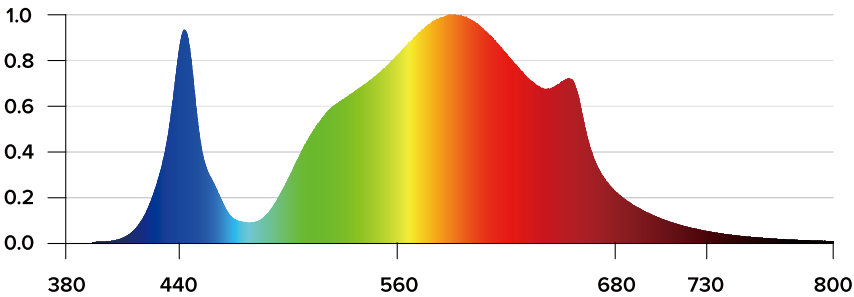
## PB1500 Pro USING SUGGESTIONS

PB1500 Pro	Height (above plants' canopy)	Using Hours	Brightness
3-5 Days Acclimation Period	26"-30"	18 on / 6 off	40%
Seedlings/Young Vegetative	22"-26"	18 on / 6 off	60%
Vegetative Stage	18"-22"	18 on / 6 off	100%
Flowering Stage	14"-18"	12 on / 12 off	100%

## PB1500 Pro PPFD MAP - Tested in a 2x2 ft Grow Tent



## PB1500 Pro SPECTRUM



## PB1500 Pro SPECIFICATION

Model:	PB1500 Pro	HID Replacement:	300W HPS/MH
Feature:	Remote Control	Vegetative Coverage at 20":	3 × 3 ft
Actual Power Draw:	150W±3% at 120V	Flowering Coverage at 16":	2.5 × 2.5 ft
LED Quantities:	490pcs	Use for:	all stages grow and flowering
Total Harmonic Distortion:	< 15%	Dimensions:	16 x 10.8 x 2.4 inches
Input:	AC100-240V~ 1.42A	Item Weight:	6.3 lbs
Frequency:	50-60Hz	Lifespan:	≥100,000 hours
Package Includes:	1 x PB1500 Pro; 2 x Hanging Kits; 2 x Rope Hangers; 1 x 6 ft Power Cord; 1 x Remote (with 2pcs AAA batteries)		



### ! NOTE:

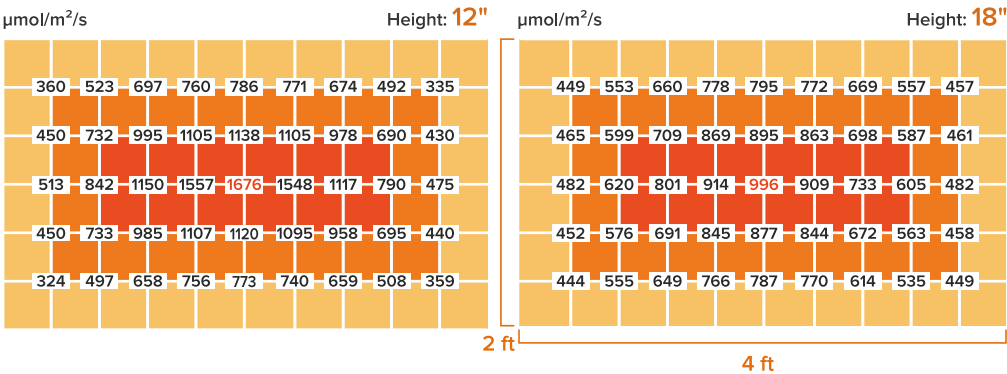
Extremely bright, do not stare at operating lamp.  
For flowering stage: use all channels with 100% brightness.  
This light includes IR (Infrared) LEDs which look dim, they are not faulty LEDs.  
For safety, total true wattage of extra connected lights MUST less than 600W.

# PB2000 Pro

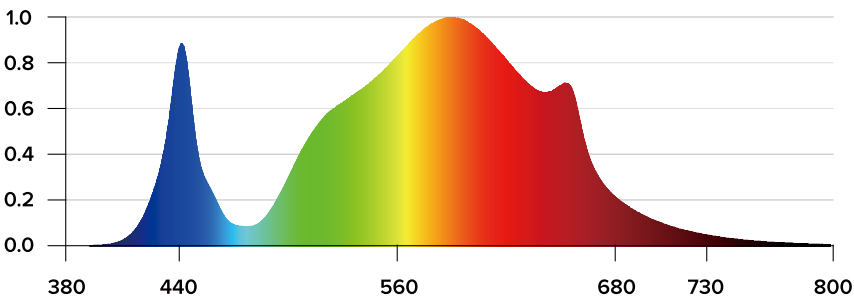
## PB2000 Pro USING SUGGESTIONS

PB2000 Pro	Height (above plants' canopy)	Using Hours	Brightness
3-5 Days Acclimation Period	28"-32"	18 on / 6 off	40%
Seedlings/Young Vegetative	24"-28"	18 on / 6 off	60%
Vegetative Stage	20"-24"	18 on / 6 off	100%
Flowering Stage	16"-20"	12 on / 12 off	100%

## PB2000 Pro PPFD MAP - Tested in a 4x2 ft Grow Tent



## PB2000 Pro SPECTRUM



## PB2000 Pro SPECIFICATION

Model:	PB2000 Pro	HID Replacement:	400W HPS/MH
Feature:	Remote Control	Vegetative Coverage at 22":	4 × 3.5 ft
Actual Power Draw:	200W±3% at 120V	Flowering Coverage at 18":	3.5 × 3 ft
LED Quantities:	700pcs	Use for:	all stages grow and flowering
Total Harmonic Distortion:	< 15%	Dimensions:	24 x 10.8 x 2.4 inches
Input:	AC100-240V~ 1.9A	Item Weight:	8.9 lbs
Frequency:	50-60Hz	Lifespan:	≥100,000 hours
Package Includes:	1 x PB2000 Pro; 2 x Hanging Kits; 2 x Rope Hangers; 1 x 6 ft Power Cord; 1 x Remote (with 2pcs AAA batteries)		



### ! NOTE:

Extremely bright, do not stare at operating lamp.

For flowering stage: use all channels with 100% brightness.

This light includes IR (Infrared) LEDs which look dim, they are not faulty LEDs.

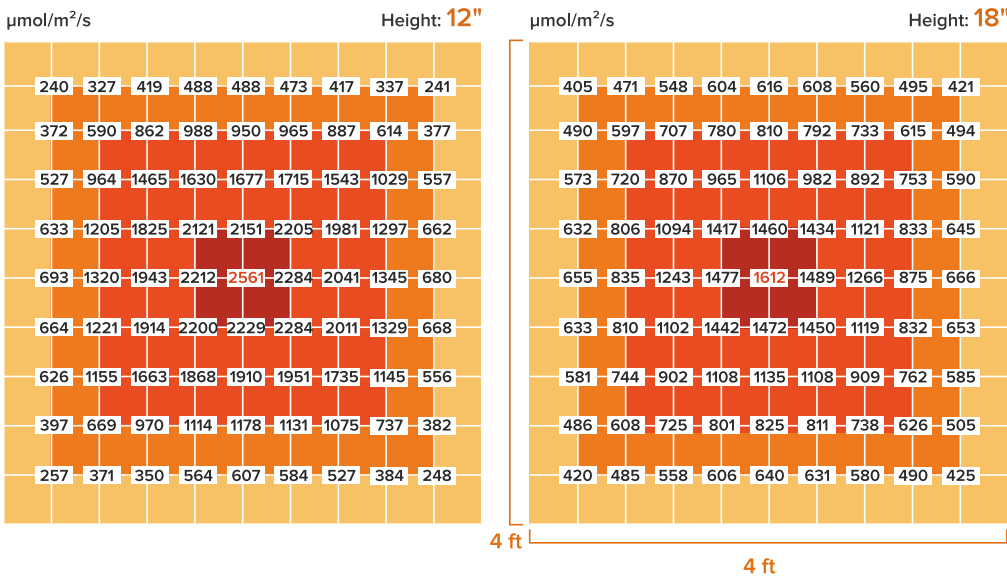
For safety, total true wattage of extra connected lights MUST less than 600W.

# PB4000 Pro

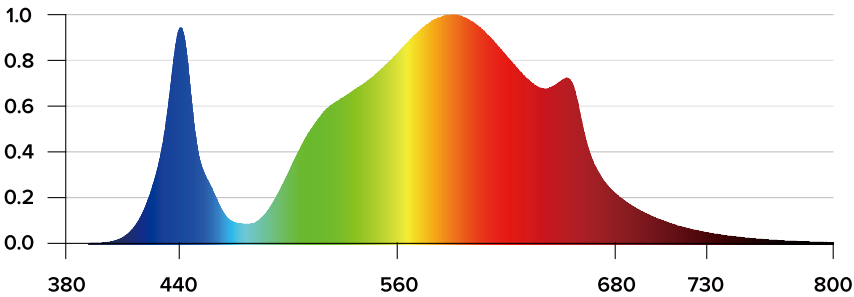
## PB4000 Pro USING SUGGESTIONS

PB4000 Pro	Height (above plants' canopy)	Using Hours	Brightness
3-5 Days Acclimation Period	34"-38"	18 on / 6 off	40%
Seedlings/Young Vegetative	30"-34"	18 on / 6 off	60%
Vegetative Stage	26"-30"	18 on / 6 off	100%
Flowering Stage	22"-26"	12 on / 12 off	100%

## PB4000 Pro PPFD MAP - Tested in a 4x4 ft Grow Tent



## PB4000 Pro SPECTRUM



## PB4000 Pro SPECIFICATION

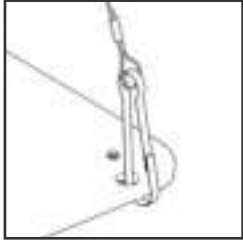
Model:	PB4000 Pro	HID Replacement:	800W HPS/MH
Feature:	Remote Control	Vegetative Coverage at 28":	5 × 5 ft
Actual Power Draw:	400W±3% at 120V	Flowering Coverage at 24":	4 × 4 ft
LED Quantities:	1400pcs	Use for:	all stages grow and flowering
Total Harmonic Distortion:	< 15%	Dimensions:	24 x 21.6 x 2.4 inches
Input:	AC100-240V~ 3.8A	Item Weight:	17.5 lbs
Frequency:	50-60Hz	Lifespan:	≥100,000 hours
Package Includes:	1 x PB4000 Pro; 2 x Hanging Kits; 2 x Rope Hangers; 1 x 6 ft Power Cord; 1 x Remote (with 2pcs AAA batteries)		



### NOTE:

Extremely bright, do not stare at operating lamp.  
For flowering stage: use all channels with 100% brightness.  
This light includes IR (Infrared) LEDs which look dim, they are not faulty LEDs.  
For safety, total true wattage of extra connected lights MUST less than 600W.

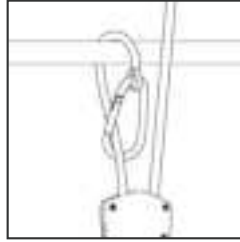
## MOUNTING INSTRUCTIONS



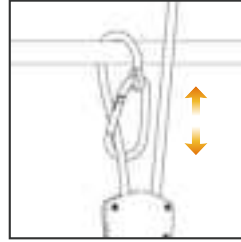
1. Attach the clips on the ends of the hanging wires to each of the hanging holes on the light.



2. Attach two adjustable ropes, via the carabiners, to each of the hanging wires' carabiners.



3. Attach opposite ends of adjustable ropes' hangers to a safety mounting position.



4. Adjust the light to your desired location by using the adjustable ropes.

## USING SUGGESTIONS

This section will help you in the process of evaluating “how high” and “how many hours” will be best suited for each stage of plant growth. Hang the light at a minimum of 12 inches from light and plant canopy. Less than 12 inches distance may burn plants. Start high, adjust as plants acclimate.

**Seedlings** - You will need to hang the light high due to the delicate nature of seedlings. We recommend a break-in period of about a week while a seed has broken the surface. The first set of real leaves should be present while the seedling has been above ground for about a week.

**Clones** - Clones are a little bit harder than fresh seedlings, but still, need to be given gentle light as they are entirely rootless when first cut, and need to conserve energy and moisture to transition into a rooting stage.

**Vegetative** - The deeper red spectrum is utilized less by the plant than when it is in flower. It uses high levels of white light that are essential for creating lush, thick plants that have tight internodal spacing and minimal stretching.

**Flowering** - The plant has much work to do and is performing many complex biological processes in producing flowers and fruits. Because of this, the plant now requires large amounts of light.

**Late Flower** - Most rapid development has stopped, and the plant is gearing up for the scene in which the large flowers and fruits will mature or ripen.

## WARRANTY

### 180 days full warranty | 3 years limited warranty

#### What Is Covered

MAXSISUN lights are warranted against defects in materials and craft for three (3) years from the original date of purchase. During the warranty period, MAXSISUN will either repair or replace any covered defective product. Within the first 180 days, MAXSISUN will bear all costs associated with the repair, replacement, and return of the faulty product. After 180 days, the customer will assume responsibility for shipping the defective product back to MAXSISUN for the remainder of the warranty period. MAXSISUN will, in turn, assume liability for up to \$50.00 per light of the shipping fees associated with returning the repaired or replaced product to the purchaser. Return shipping fees above \$50.00 will be the responsibility of the purchaser.

#### What Is Not Covered

- (1) This warranty does not cover any damage, deterioration, malfunction resulting from any alteration, modification, improper or unreasonable use or maintenance, misuse, abuse, neglect, exposure to excess moisture, fire, lightning, power surges, or other acts of nature.
- (2) This warranty does not cover any damage, deterioration, malfunction resulting from the installation, removal, unauthorized tampering, repairs attempted by anyone unauthorized by MAXSISUN to make such repairs. Any other cause which does not relate directly to a defect in materials and quality of this product is not covered.

#### 90 Days Money Back Guarantee

MAXSISUN is so confident in the performance of our cutting edge lights that we offer a full 90 days money-back guarantee. If you are unsatisfied with your purchase for any reason, we will gladly accept a return and provide a refund less shipping fees.

Eligibility requirements are as follows:

- Valid for the first purchase of MAXSISUN products only.
- Valid for the original purchaser only.
- Valid for up to two lights.
- 90 days begins from the date of purchase.
- The returned products must be in “like new” condition and in original packaging.
- Offer valid for returns only. Exchanges are subject to a 30 days return policy and restocking fee.
- Offer valid for direct purchasers only. Customers purchasing via authorized resellers are subject to policies of the reseller.

#### Returns

Returns not qualifying for the 90 Days Money Back Guarantee can still be returned within 30 days from the date of purchase. Pending the below conditions are met, the purchaser will receive a refund:

- 30 days begins from date of purchase.
- Valid for the original purchaser only.
- The product must be in “like new” condition and in original packaging.

#### How To Obtain Warranty Service

To enforce the rights under this warranty, the purchaser must notify MAXSISUN of a warranty claim by sending an email to support@maxsisun.com. At this time, the purchaser will be called upon to provide proof of purchase. The MAXSISUN representative will either attempt to assist in trouble-shooting, request photos showing the defect, and provide more detailed return instructions. Upon receipt and review of the defective product, MAXSISUN will repair or replace, and return within five (5) business days. To obtain refund service, upon receipt and review of the returned product, MAXSISUN will issue return credit within three (3) business days.