



USER MANUAL

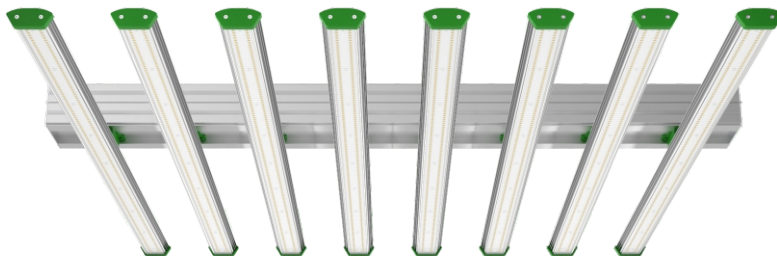


✓ sales@hi-groplanner.com  
☎ +1(855) 688 7879  
🌐 www.hi-groplanner.com

## FEATURES & SPECIFICATIONS

### LED GROW LIGHT

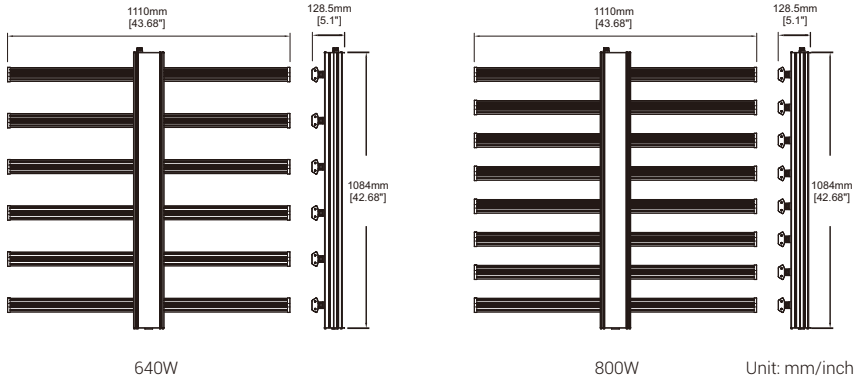
#### Groplaner I Series



Groplaner I Series LED grow light is a high efficiency LED designed for multiple or single level cultivation of cannabis and other sunflower crops. The sunlike full spectrum helps accelerate photosynthesis and generate a greater return on leafy greens, herbs, microgreens and cannabis, as well as specialty crops and flowers that have quick production cycles. Constructed with "Plug & Play" bar configuration, this LED grow light provides growers with an easy assembly and evenly intensity growth environment, flexibly used in grow rooms and indoor farms.

Model	LS-GLI-640	LS-GLI-800
Power Draw(±5%)	640W	800W
PPF	1760 $\mu$ mol/s	2200 $\mu$ mol/s
Energy Efficacy(PPFE)	2.75 $\mu$ mol/J	
Light Color	Full spectrum	
Input voltage	120-277VAC, 50/60Hz	
Thermal management	Passive-Cooled Design	
Coverage	5'x5' for Flw. 6'x6' for Veg.	6'x6' for Flw. 7'x7' for Veg.
Life Span	>60,000hours	
Dimmable	0-10V, Manual dim / External lighting controller(additional purchase)	
Warranty	36 months	

# DIMENSIONS



Model	Power	Input Voltage	Qty/Ctn	Net Weight	Cross Weight	CTN Size(inch)
LS-GLI-640	640W	120-277VAC	1	21 ± 1 lbs	27 ± 1 lbs	46.0*11.6*8.5
LS-GLI-800	800W			27 ± 1 lbs	32 ± 1 lbs	46.0*13.8*8.5

## INSPECTION & MAINTENANCE

**WARNING!** Disconnect the LED light fixture from mains before performing any maintenance or repairs.

**WARNING!** Do not connect or disconnect the LED light fixture under load.

**WARNING!** Do not open or disassemble the LED light fixture, it contains no serviceable parts inside.

Opening the LED light fixture can be dangerous and will void the warranty.

**WARNING!** Always wait 20- 30 minutes for the LED light bars to cool down.

### MAINTENANCE

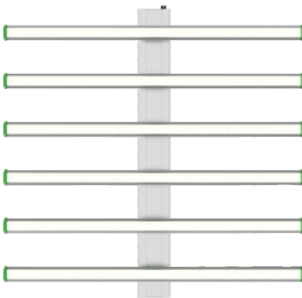
- Clean with warm water and cloth.
- Do not clean the LED light fixture with detergents, abrasives or other aggressive substances.
- Please regularly check the LED light fixture for dust or dirt buildup. Clean if necessary. Contamination may cause overheating and decreased performance.
- **REGULARLY CHECK THE CABLE CONNECTIONS OF THE LED LIGHT FIXTURE TO ENSURE IT IS UNDAMAGED.**

# INSTALLATION INSTRUCTIONS

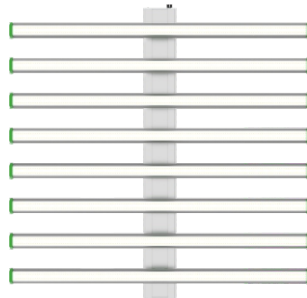
## ▲ NOTE!

- This equipment is only for professional installation. Non-professional personnel shall not remove or install the equipment.
- To avoid damage, falling, electric shock or fire, please do not modify the lamp or replace accessories without confirming with the supplier.
- Maintenance/installation and replacement the lamps , please confirm to cut off the power supply, and the lamps have set up a cooling. Please make sure the lamps properly installed before processing power.
- Ensure the accurate and reliable connection.
- Ensure that the product around the vent, the lamp cannot violate any fire prevention regulations when using.

Carefully read these instructions before installing product and keep it for future reference. If you do not understand these instructions, before starting any work, contact [Service@hi-groplanner.com](mailto:Service@hi-groplanner.com) or (855) 688-7879.



6 bars  
640W



8 bars  
800W

# INSTALLATION INSTRUCTION

(Be sure that the light fixture is unplugged from the power source before installation.)

## STEP 1:

Fix the rope in/on the ceiling, beam or somewhere else. Make sure to fix the rope to something that can hold the weight of the LED light fixture.

## STEP 2:

Slide the lance hanger clips of the rope into the brackets on the driver bar.

## STEP 3:

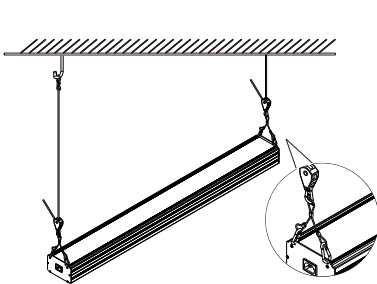
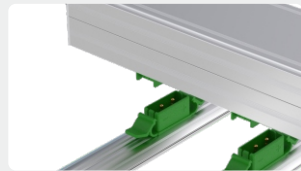
Insert vertically the light bars into the driver bar to lock them well. Make sure the "+" and "-" polarity is correct. If it is in wrong direction, you can't insert them. If you want to take the light bar off when necessary, just press the two ears of the joint on the bar.

## STEP 4:

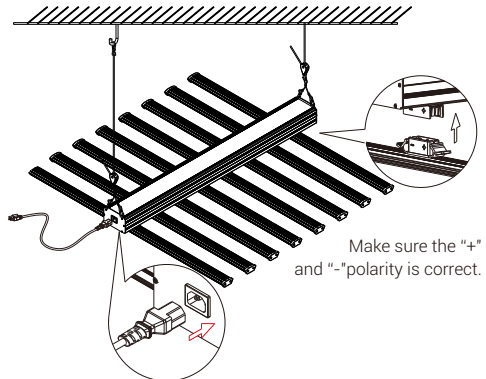
Plug the main cord into the socket on the driver bar. Then installation is completed.

## PLUG & PLAY DESIGN

"Plug & play" design makes it much easier to assemble. The female and male connectors on the light bar and driver bar not only make them mechanically locked but electrically connected.



The length of the rope can be adjusted by pressing the clip on the ratchet.



Make sure the "+" and "-" polarity is correct.

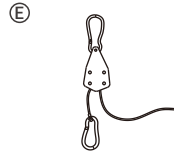
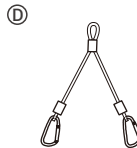
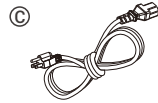
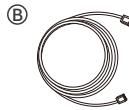
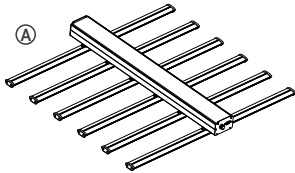
**WARNING! BE SURE TO MOUNT THE SYSTEM TO SOMETHING THAT CAN HOLD THE WEIGHT OF THE LED LIGHT FIXTURE.**

# ACCESSORIES

## List of Grow Light Accessories

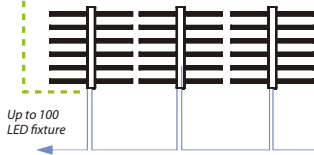
Pre-configured with:

- A. LED grow light fixture x1
- B. External RJ14 Network cable x1
- C. Input Power cord x1
- D. Hanging Cord with carabiners x2
- E. Adjustable Pulley System x2

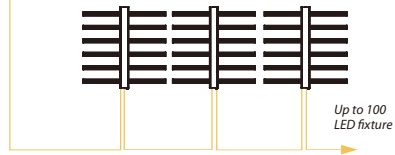


## Smart Control System (additional purchase)

0-10V dimming feature can make your lighting system much smarter and easier.



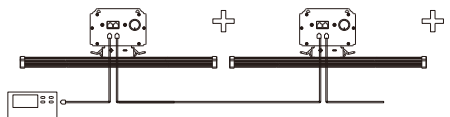
Up to 100  
LED fixture



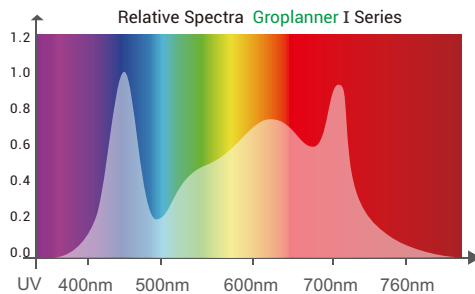
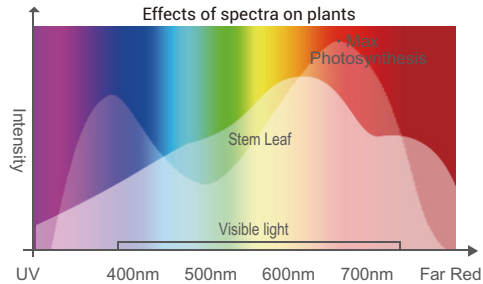
Up to 100  
LED fixture

### NOTE:

If you want to dim the lights with controller, please rotate the dimmable knob to "EXT", then insert the RJ network cable, plug the RJ14 end into the port of the controller. Use an interconnect network cable to connect RJ14 splitter to another on the LED fixture.



# SPECTRUM & PLANTING GUIDANCE



## Planting Guidance

- The rate of photosynthesis and transpiration are directly affected by temperature, humidity and airflow.
- The perfect temperature and humidity for your plants are found between 75-85 and 50%-70% humidity, with plenty of airflow to replenish CO<sub>2</sub>. PH is 6-6.5.
- You may add more calcium and magnesium than normally needed.

### SUGGEST HANGING DISTANCE:

**Vegetative:** 48inch  
**Flowering:** 30-36inch

### SUGGEST LIGHTING TIME:

**Vegetative:** 18/6(on/off)  
**Flowering:** 12/12(on/off)

# WARRANTY

Subject to the terms and conditions specified in this Limited Warranty, Groplanner Lighting, a LED light fixture company, warrants that lights purchased directly from Groplanner will be free from defects in material and workmanship until the earlier of 36 months from the date of purchase.

## Terms and Conditions:

1. The products can be returned within 30 days from the date of receipt, but please also ensure the integrity of the products and the return will not affect their secondary sales. The used or installed products can't be returned due to non-quality problems (dislike or no longer need). If there is any objection, please contact the seller;
2. If there are any quality problems in 30 days to 1 year from the date of receipt of the product, please contact Groplanner with photos or videos of showing product problems, and Groplanner will cover all warranty costs (including replacement, maintenance and shipping cost);
3. If there are any quality problems over one year from the date of receipt, please contact Groplanner for warranty with photos or videos of showing product problems and Groplanner will provide maintenance services. The seller shall bear the relevant expenses, and the specific expenses shall be subject to the seller's instructions.
4. If the malfunction or damage of the products is caused by transportation, the buyer needs to contact us and provide evidence (video & pictures) within 15 days from the date of receiving. Providing the buyer fails to do so or no longer replies us in 15 days after contact, the buyer will be responsible for any loss.

## How to Make a Warranty Claim

1. In order to make a warranty claim, you must notify groplanner lighting in writing after your discovery of the defect, provide proof of purchase such as the order number and comply with other warranty requirements. Upon receiving that notice, to ascertain why fixtures stop working, evidences would be needed for groplanner lighting's team to analyze. Groplanner Lighting may require you to promptly return the product when necessary, freight prepaid.
2. The determination of whether the product is defective shall be made by Groplanner Lighting in its sole discretion with consideration given to the overall performance of the product.
3. If Groplanner Lighting determines the product is defective, Groplanner Lighting will elect, in its sole discretion, repair the product or replace the product. The seller has the sole right to interpret and amend the above articles

## NOTE:

All returns must happen within 30 days of the receipt of that product or hi-groplanner.com has the right to refuse the return.

1. Guidelines for items conditional return:
2. Item must be in original packaging;



## WARRANTY

### The Following Conditions Will Not Be Warranted:

1. Damage caused by user's improper delivery, defects caused by wrong operation and wrong treatment.
2. Dismantling or improper maintenance or repairing of the products without Groplanner's authorization.
3. Damage caused by buyer or installer using bad quality cable or other mismatching electronic parts.
4. Damage caused by force majeure such as war, riots, sabotage, cyclones, earthquakes, flooding, lightning strikes, explosions, fire, etc.
5. This warranty is invalid if the product is not used for the purpose for which is originally designed.

**The seller has the sole right to interpret and amend the above articles.**



## AFTER - SALES SERVICE CARD

Web: [hi-groplanner.com](http://hi-groplanner.com) Email: [service@hi-groplanner.com](mailto:service@hi-groplanner.com) Tel: +1185516887879

---

**If you need any help or have any questions, please contact us.**

Order Number: \_\_\_\_\_ Light Model: \_\_\_\_\_

Name: \_\_\_\_\_ Email: \_\_\_\_\_

Problem: \_\_\_\_\_ Date Of Manufacture: \_\_\_\_\_



[www.hi-groplanner.com](http://www.hi-groplanner.com)

Groplanner LED Grow Lights  
Help You Get More of What You Plant

If you need more information about our lights,  
please email us or call us

Email: [sales@hi-groplanner.com](mailto:sales@hi-groplanner.com)  
Toll-free number +1(855) 688 7879