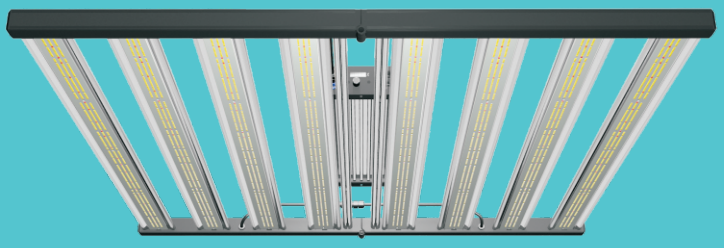
TARANTULA LONG LEG

Intertek
5022589

RoHS

IP 66



TARANTULA LONG LEG

HIGH EFFICIENCY

POWER SAVING

FOLDING DESIGN

TARANTULA LONG LEG

- 4,320x Samsung LM301H
- 120x Osram 660nm 4.24 & 48x Osram 730nm
- INVENTRONICS LED driver
- Knob dimming + RJ port dimming
- Folding design for fast and easy installation
- Adjustable Spectrum
- 5 year warranty
- IP 66 Waterproof

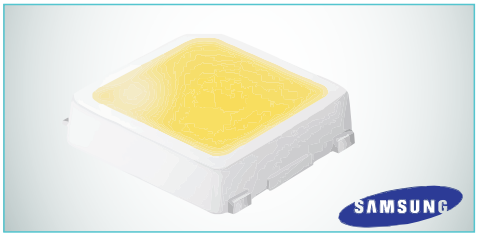
Specifications

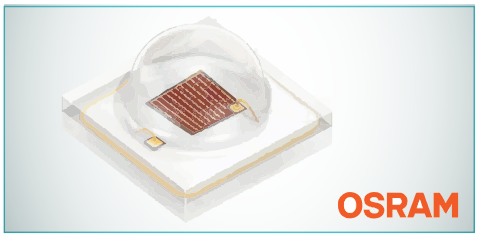
Model Name	Tarantula Long Leg		
Input Voltage +/- 10%	120 Volts	240 Volts	277 Volts
Max. Input Current	6.2 Amps	3.2 Amps	2.8 Amps
Power Factor	0.99	0.95	0.95
Wattage +/- 5%	740W (675W+65W)	725W (660W+65W)	725W (660W+65W)
Qty. of Light Bars	8 Bars	8 Bars	8 Bars

Main Driver	Inventronics	Surge Protection	6KV
LED Brand	SAMSUNG & OSRAM	LED Configuration	3000K + 5000K & 660nm & 730nm
Dimming	Knob + RJ port	LED life time	>100,000 hours
Dimming	0%~100% DIM-TO-OFF	Power Cord Length	10' (3.05M)
IP Rate	IP 66	Max. Ambient Temp.	95°F (35°C)
Warranty	5 Year	Mounting Height	>12" (Above Canopy)

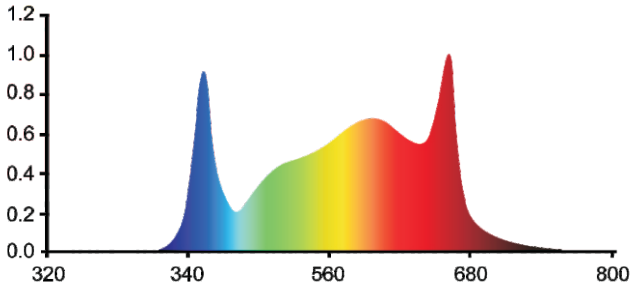
Package	
Carton Size	118 x 78 x 16cm (46.5" x 30.7" x 6.3")
Weight	21.85 KG (48.17 lbs)
Qty. / Ctn.	1 Set

Details

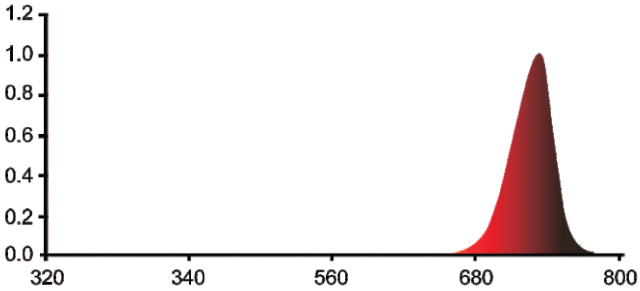




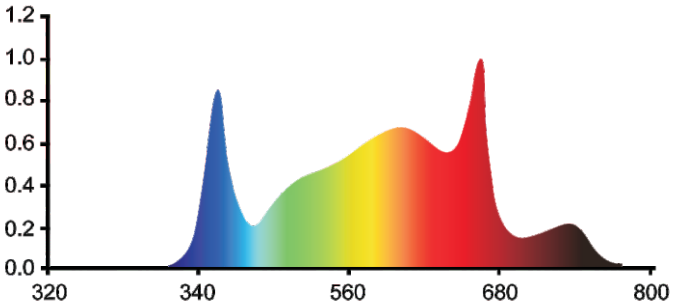
Adjustable Spectrum



White+Red **ON**
730nm **OFF**



White+Red **OFF**
730nm **ON**



White+Red **ON**
730nm **ON**

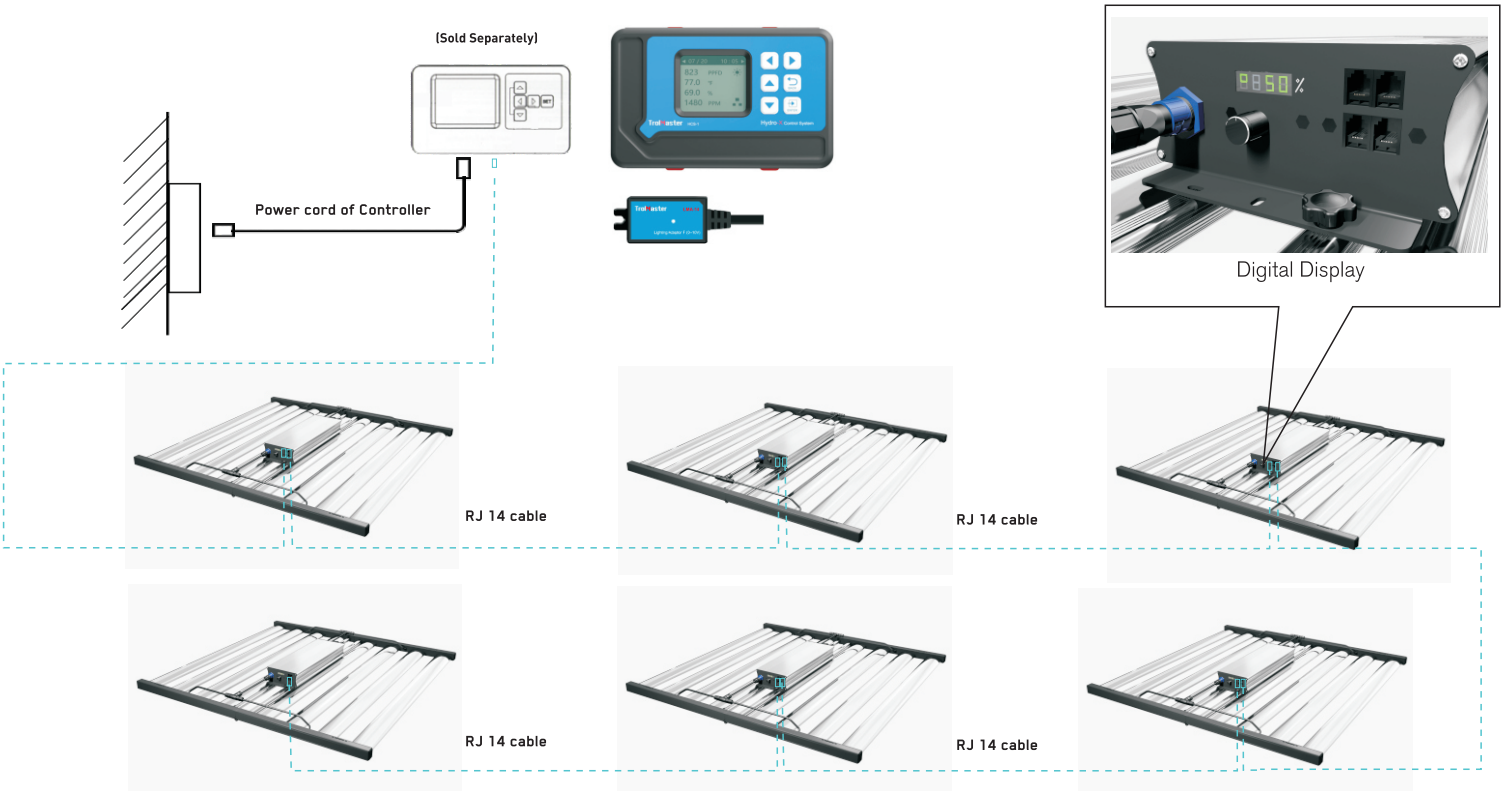
Plug

USA 120Vac (NEMA 5-15P)
Standard

USA 240Vac (NEMA 6-15P)
Optional

USA 277Vac (NEMA 7-15P)
Optional

Knob Dimming + RJ Port dimming 0%~100% DIM-TO-OFF

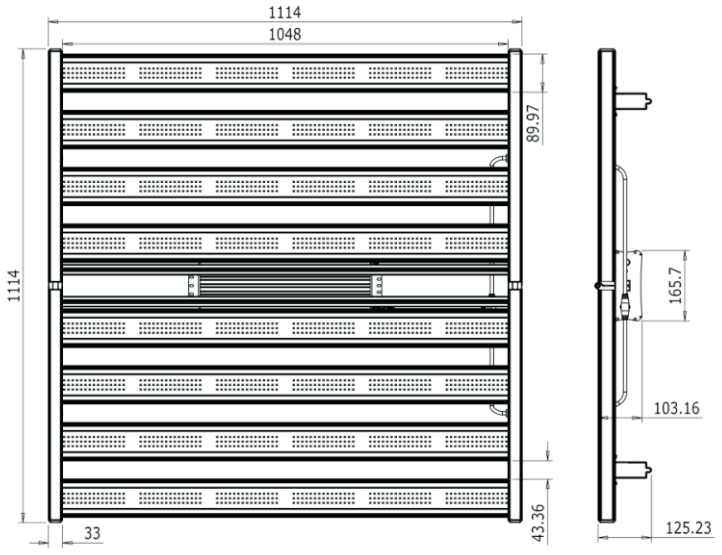


Compatible with Gavita Master Controller EL2 and TrolMaster HCS-1 & LMA-14

Control Signal input and output

Controller (RJ14 6P4C)							
	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	
	N/A	Dim +	Dim -	Dim -	Dim +	N/A	
Fixture (INPUT) Side (RJ14 6P4C)							
	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	
	N/A	Dim +	Dim -	Dim -	Dim +	N/A	
Fixture (OUTPUT) Side (RJ14 6P4C)							
	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	
	N/A	Dim +	Dim -	Dim -	Dim +	N/A	

Dimension & Weight



Fixture Dimension:
1114mm X 1114mm X 103mm
(43.86" X 43.86" X4.06")

Fixture Net Weight:
17.75 kgs (39.13 lbs) Including Driver box

Safety Warnings and Recommendations

Warning! Carefully read the warnings below before using or working with the product!

Always adhere to the local rules and regulations when installing or using the LED fixture.

Do not open or disassemble the LED fixture, it contains no serviceable parts inside. Opening or modifying the LED fixture can be dangerous and will void the warranty.

Wearing protective gloves and glasses is recommended during installation.

Do not use the LED fixture when either the LED fixture has been dropped or is damaged or its power cord is damaged.

Replace the power cord only with original certified cords. Keep the power cord away from hot surfaces.

Modifications to the cords can lead to unwanted electromagnetic effects, which makes the product not comply with legal requirements.

Do not plug the LED fixture into a supply voltage other than what is instructed on the fixture.

Always disconnect the LED fixture from mains before performing any maintenance.

The LED lighting product is extremely bright. Do not stare directly into any of the lights.

The LED fixture will get hot during operation. Do not touch when the light is on. Keep the LED fixture away from children.

Always allow for a cool down period of at least 30 min. before touching the LED rails. Touching the LED rails when the fixture is lit or immediately afterwards can result in severe burns!

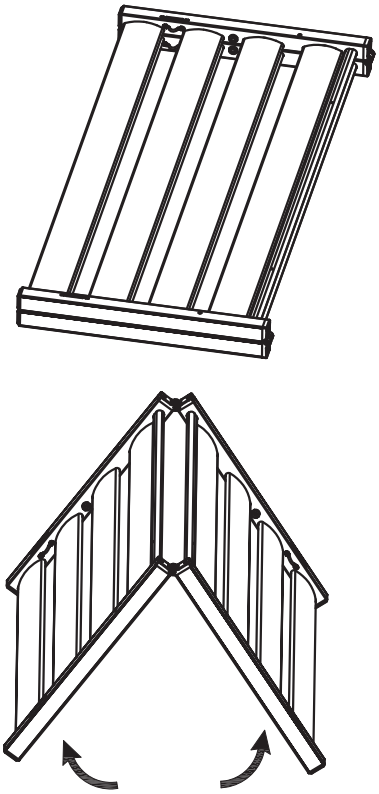
Do not expose the LED fixture to:
(ambient) temperatures outside the specified range;
dust and contamination;
direct sunlight during use or HID light that could heat up the ballast.

Do not use the LED fixture near flammable, explosive or reactive substances. Do not use sulfur vaporizers or water misters.

The installation and use of the LED fixture are the responsibility of the end user. Incorrect use or installation can lead to failure and damage to the LED fixture. Damage to the LED fixture and electronic circuitry because of incorrect installation and use will void the warranty.

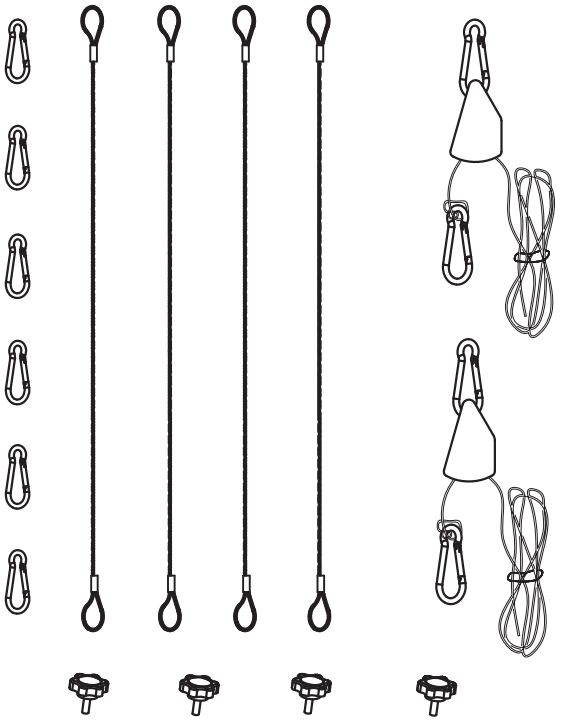
Installation Instruction

1



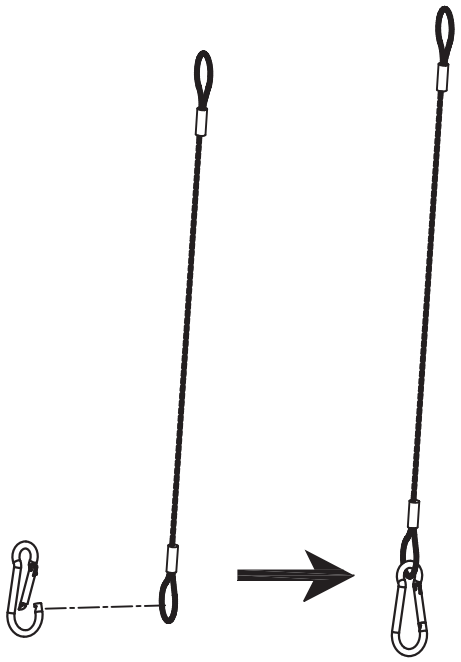
Unfold the LED fixture.

2



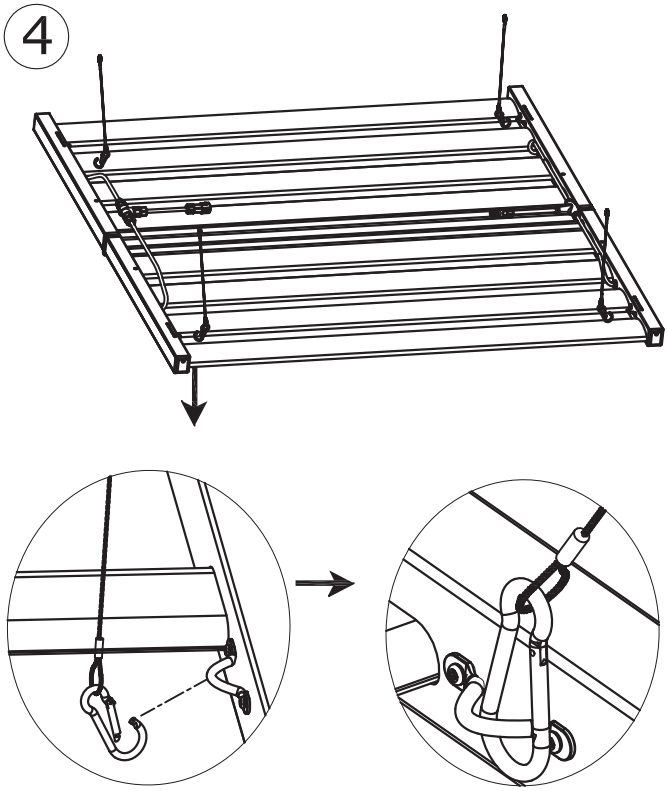
Take out the accessories from bags.

3



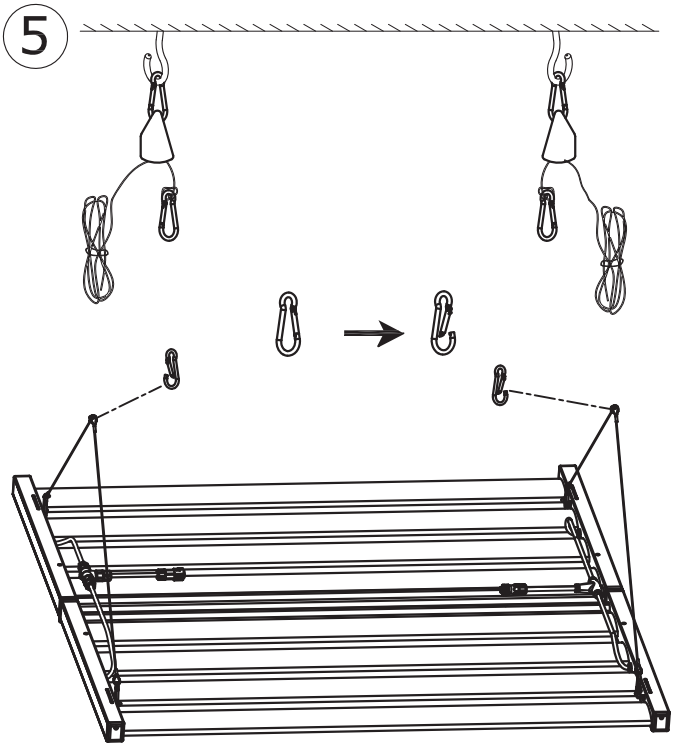
Connect carabiner hooks with steel ropes.

4



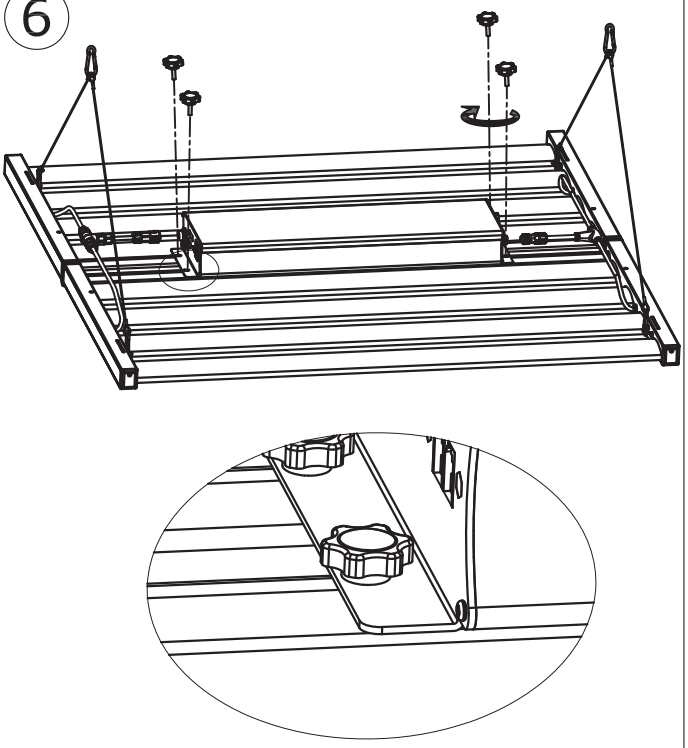
Connect carabiner hooks with handles on fixture rails.

5



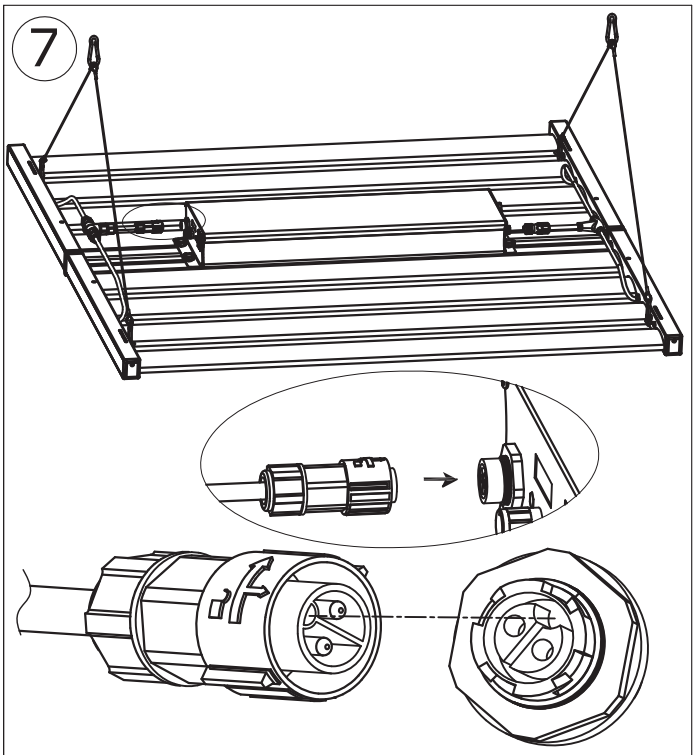
Hook steel ropes with ratchet hangers.

6



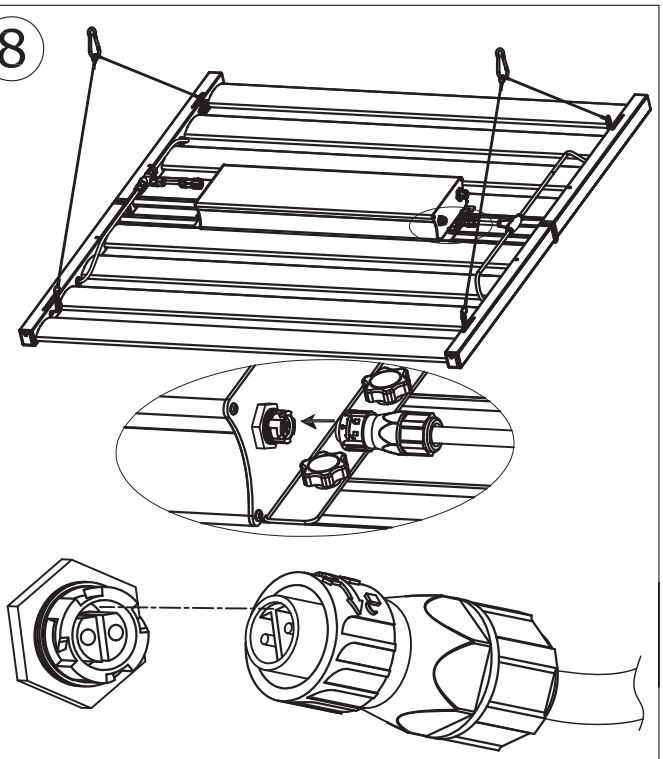
Fix the LED driver box with the knob screws.

7



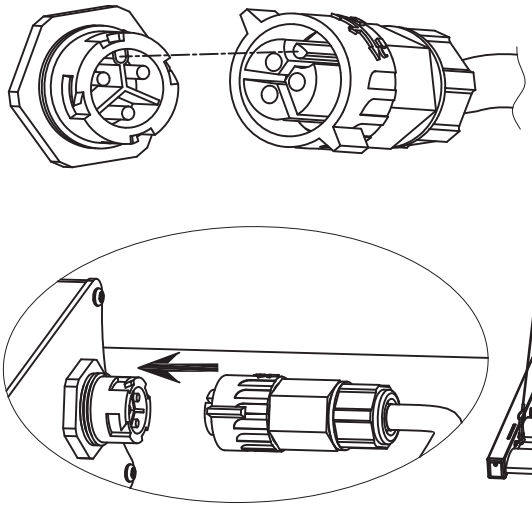
Push the male connector with DC cable (linked with the luminaire) into the female connector (mounted on the driverbox).

8



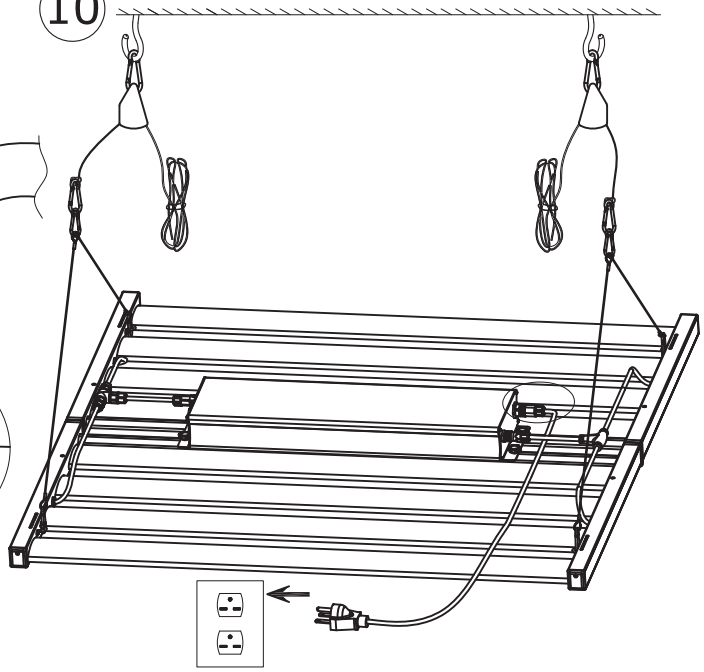
Push the male connector with DC cable (linked with the luminaire) into the female connector (mounted on the driverbox).

9

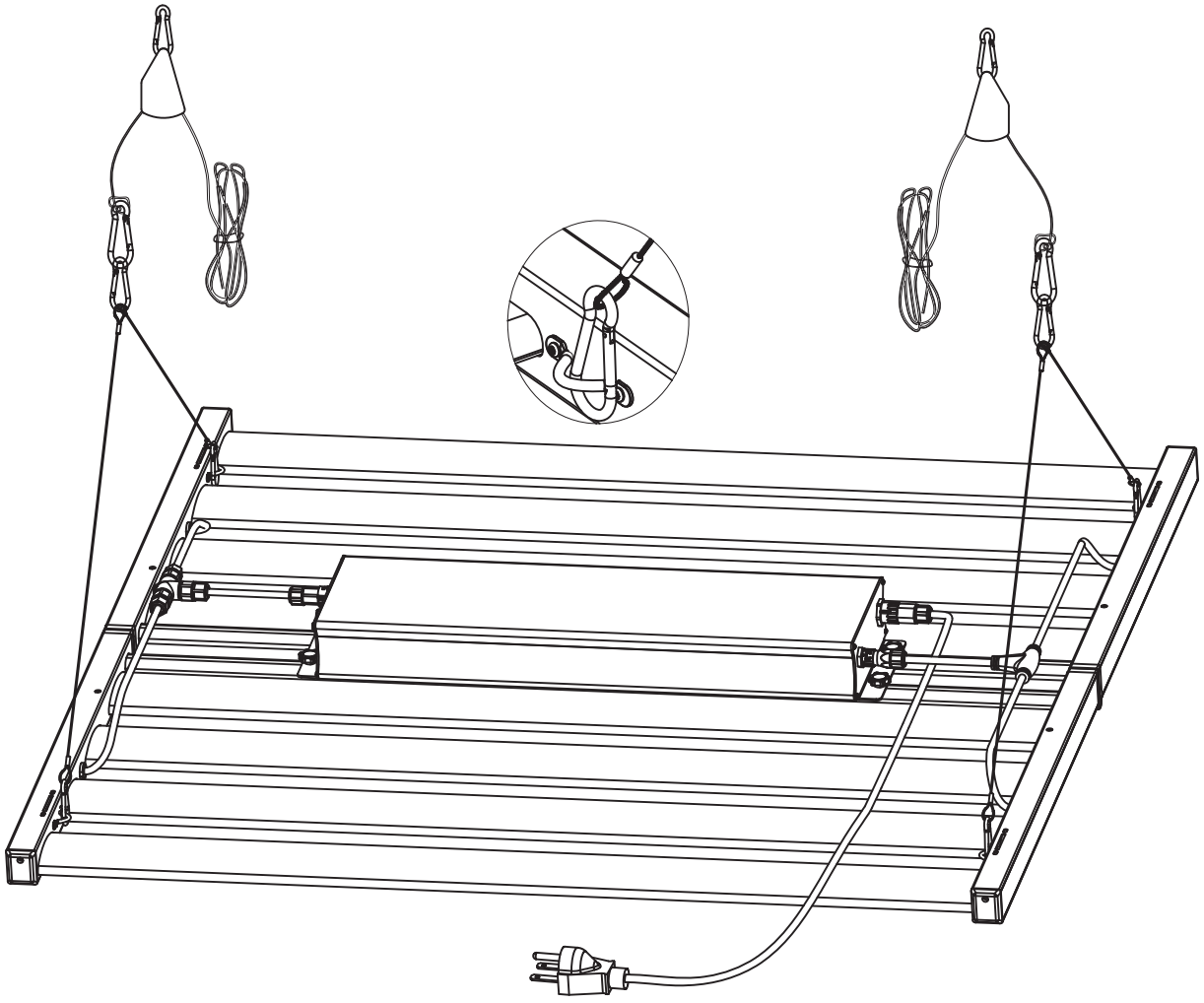


Follow the correct direction to connect the AC power cord with driver box.

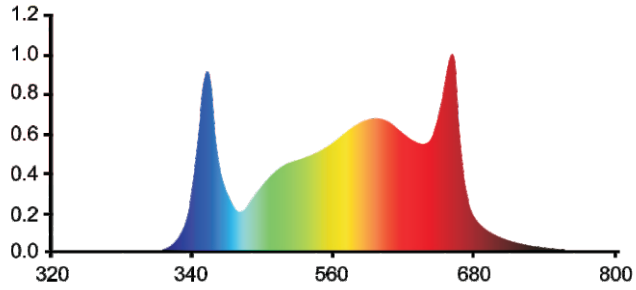
10



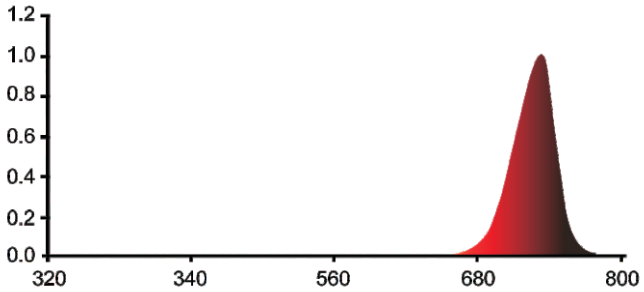
Push the AC power plug into wall outlet.



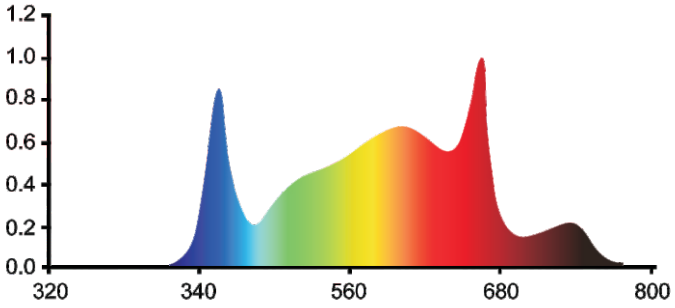
Instruction for Adjusting the Spectrum Manually



Channel	Leds	Status	Wattage (+/-10%)	Digital Display
# 1	White+660nm	100% ON	640W	
# 2	730nm	OFF	0W	



Channel	Leds	Status	Wattage (+/-10%)	Digital Display
# 1	White+660nm	OFF	0W	
# 2	730nm	100% ON	60W	



Channel	Leds	Status	Wattage (+/-10%)	Digital Display
# 1	White+660nm	100% ON	640W	
# 2	730nm	100% ON	60W	

Notes:

A: Click the dimming-knob to swap the manual control of the 2 different channels.

B: Turn the dimming-knob clockwise to increase the power;
Turn the dimming-knob anti-clockwise to reduce the power.

NOTES

NOTES

GML