

WEICREA



Hello!

Don't rush to install, please read it first

/ MATRi-X

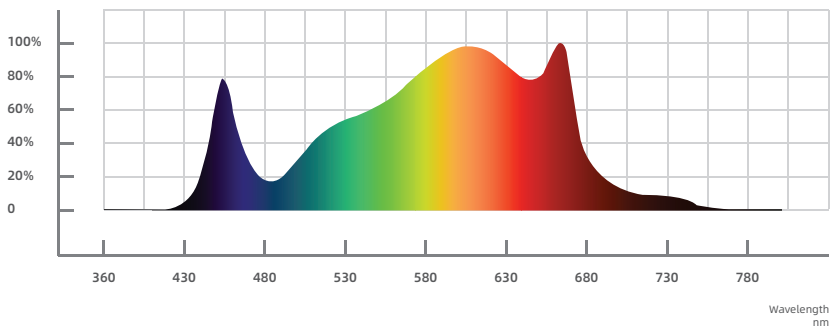
User
Manual

LED GROW LIGHTS





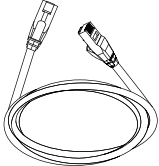
SPECIFICATIONS

Model No.	MATRI-X1000	MATRI-X2000	MATRI-X4000
Input Power	100W ± 2%	200W ± 2%	400W ± 2%
Input Voltage	120-277V AC, 50/60Hz		
Vegetative Footprint	3 x 3 ft @18"	4 x 4 ft @24"	5 x 5 ft @28"
Flowering Footprint	2 x 2 ft @14"	3 x 3 ft @20"	4 x 4 ft @24"
LED CCT & Wavelength	3000K, 5000K, 660nm, IR 730nm		
Light Distribution	117°		
Thermal Management	Passive		
Max. Ambient Temperature	95°F / 35°C		
PF (Power Factor)	> 0.95		
THD (Total Harmonic Distortion)	< 10%		
Lifetime	LED: L70 - 150,000 hrs by TM-21@85°C DRIVER: MTBF - 205,000 hrs (220Vac, Ta=25°C, 80% load, MILHDBK-217F)		
IP Rating	IP20		
Warranty	3 Year Standard Warranty		
Product Dimensions	12 x 11 x 3" 306 x 276 x 83 mm	22 x 11 x 3" 556 x 276 x 83 mm	22 x 21 x 3" 556 x 526 x 83 mm
Net Weight	4.9 lbs 2.2 kg	7.9 lbs 3.6 kg	16.1 lbs 7.3 kg
Package Size	14.2 x 13 x 4.5" 360 x 330 x 115 mm	24 x 13 x 4.5" 610 x 330 x 115 mm	24 x 22.8 x 4.5" 610 x 580 x 115 mm
Gross Weight	6.6 lbs 3.0 kg	9.9 lbs 4.5 kg	18.7 lbs 8.5 kg

FULL SPECTRUM

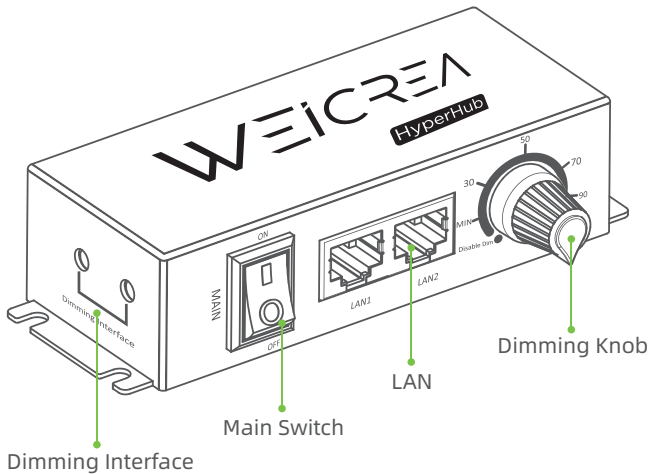


IN THE BOX

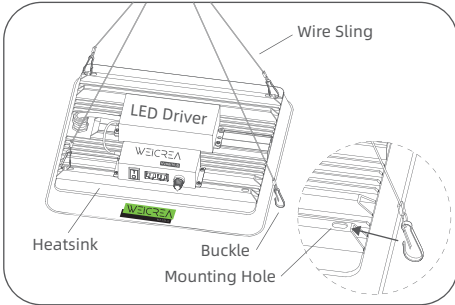
		
1 Matri-X Grow Light x1	2 Wire Sling x2	3 Rope Hanger x2
		
4 User Manual x1	5 Ethernet Cable x1 (for Specific Models)	

- Make sure that you have the items supplied in the box. Please contact us at support@weicrea.com in case if any item is defective or not in the box.
- The pictures above are for reference only; the actual items in the box are varied depending on the model you purchased.

HyperHub INTERFACE

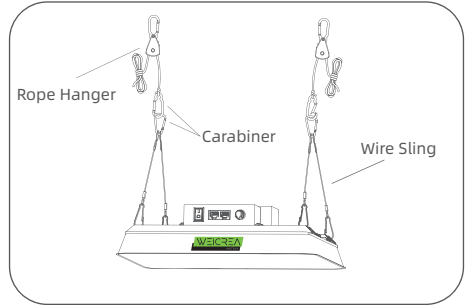


INSTALLATION INSTRUCTIONS



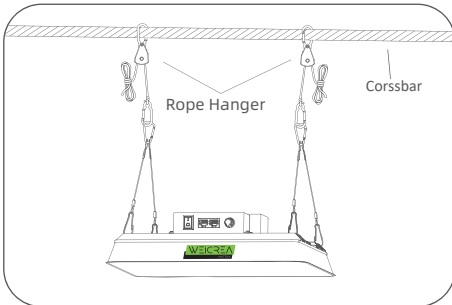
STEP 1:

Buckle up the wire slings to the Matri-X through the mounting holes in 4 corners of the heatsink.



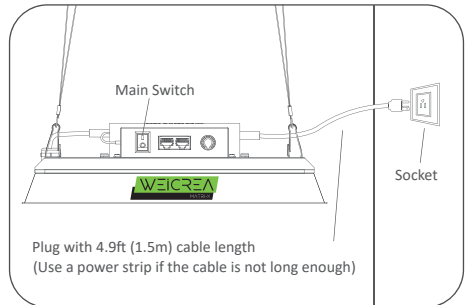
STEP 2:

Link the wire slings to the rope hangers on both sides by carabiners.



STEP 3:

Hang up the Matri-X on the crossbar or hooks, lifting the luminaire through the rope hanger to the proper height.



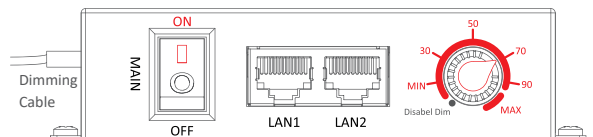
STEP 4:

Plug in to the socket and turn on the main switch of the HyperHub. Enjoy !

ABOUT DIMMING

1. Ensure the dimming cable is well connected to HyperHub from LED Driver.
2. Turn on the main switch.
3. Rotate the dimming knob to the desired brightness.

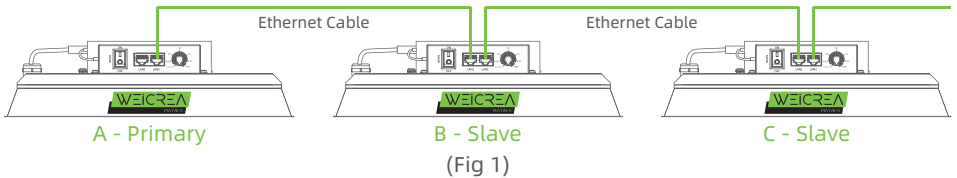
Individual



Matri-X

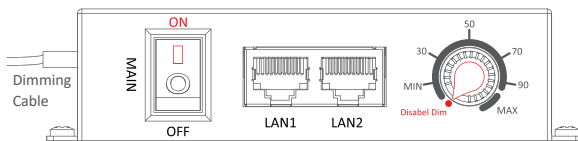
Group (Max. 20 Units)

1. Connect the Luminaires by ethernet cable (see Fig 1).



2. Set luminaire A as primary, the luminaire B and C as slaves.

3. For slaves, turn on the main switch and keep the dimming knob on the "Disable Dim" position (see Fig 2).

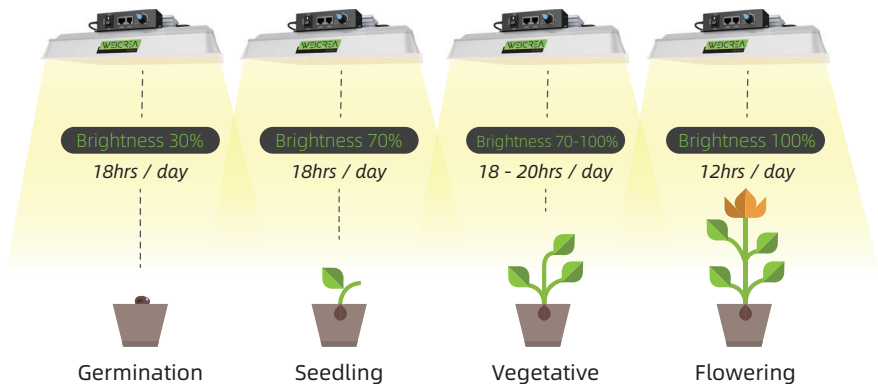


(Fig 2) for Slaves

4. Turn on the primary luminaire, use the dimming Knob to control the group dimming.

GROW TIPS

- Except for the sunlight, the temperature, humidity, and airflow will also influence photosynthesis and transpiration.
- 75-85°F (24-30°C) ambient temperature, 50%-70% humidity, sufficient airflow, and a suitable PH value (6-6.5) are favorable for most plants' growth. Adequate Calcium and Magnesium are also helpful.



CAUTION

- Please read this manual carefully before installation and save it for future reference.
- Always unplug the power cord before installation or servicing.
- Do not touch the luminaire during operation; wait 30 minutes for the luminaire to cool down.
- Do not staring the illumination surface during operation to avoid harm to your eyes.
- Do not change the structure or any components to ensure safety.
- The luminaire is not waterproof.

OPERATIONAL MAINTENANCE

- The LED light attenuation and life-time of the luminaire are affected by heat directly. Keep the ambient temperature below than 35°C could significantly extend the performance and service time.
- Appropriate clean of the heatsink is good for luminaire's heat dissipation (do not use water, the luminaire is not waterproof).
- Only the small power air blower is allowed to clean the illumination surface to avoid damage or scratch the silicone seal or LED.

IMPORTANT SAFETY PRECAUTIONS

- Connect the power plug to the appropriate voltage.
- If the provided plug does not fit your socket, please immediately contact us for help. The warranty does not cover any change of structure.
- If any damage occurred or water-drenched to the Product, please stop using it and contact us for suggestions at support@weicrea.com.

