

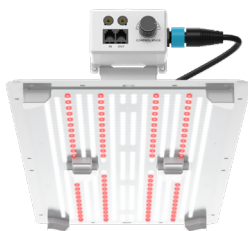


**HORTITEK®**

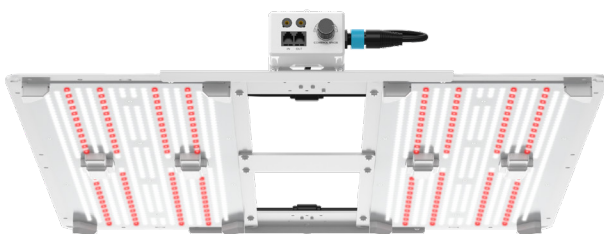
GEN 2  
**GROWBOARD**

INSTRUCTION MANUAL

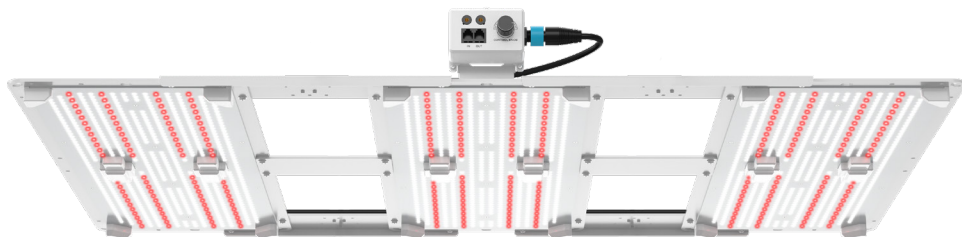




**220W**







**440W**



**660W**

## PRODUCT SPECIFICATIONS

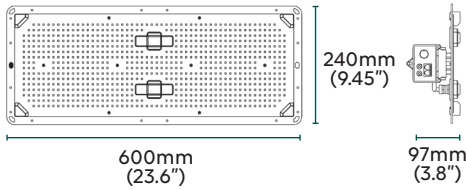
Product Code		M4596	M4601	M4606
Power		220W	440W	660W
Voltage Range / Frequency		100-277V ~ 50/60Hz		
Current	Amp @ 120V:	1.91A	3.78A	5.65A
	Amp @ 208V:	1.08A	2.15A	3.22A
	Amp @ 220V:	1.02A	2.04A	3.05A
	Amp @ 230V:	0.98A	1.95A	2.92A
	Amp @ 240V:	0.95A	1.88A	2.81A
	Amp @ 277V:	0.82A	1.64A	2.46A
PPF Efficacy		2.50µmol/J		
Max PPF		550µmol/s	1100µmol/s	1650µmol/s
CCT		5000K		
CRI		88%		
PF		>0.95		
THD		<10%		
Beam Angle		120°		
Control Panel		OFF / 25% / 50% / 75% / 100% / RC		
External Control		0-10V LED Control		
Signal Port		TRS and RJ12		
Signal Cable		3.5mm TRS Male Jumper Cable		
Thermal Management		Passive		
BTU/h		751	1502	2253
Protection		Over-voltage, Short Circuit, Surge, Overpower, Over Temperature		
Dimensions		600x240x97mm 23.6x9.4x3.8"	606x600x84mm 23.8x23.6x3.3"	606x960x97mm 23.8x37.8x3.8"
Weight		3.5kg±0.3kg 7.7±0.66 lbs	7.5kg±0.3kg 16.5±0.66 lbs	11.7kg±0.3kg 25.7±0.66 lbs
Working Temperature		0°C to 40°C / 32°F to +104°F (95% RH)		
Storage Temperature		-40°C to 70°C / -40°F to +158°F (85% RH)		
IP Rating		IP65		
Warranty		3 Years		
Certificates		   		

## COVERAGE AREA

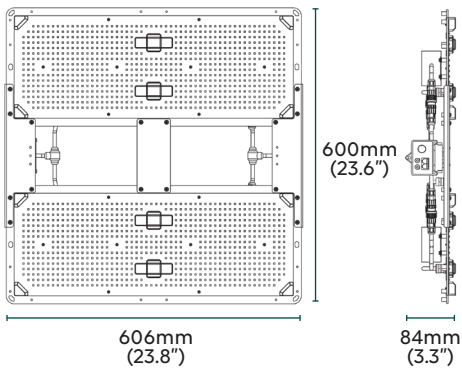
Power	220W	440W	660W
Vegetative Stage (MAX 500PPFD, MIN 100PPFD)	1.4 x 1.24m @ 50cm height	1.65 x 1.65m @ 75cm height	2.1 x 1.95m @ 90cm height
Flowering Stage (MAX 1000PPFD, MIN 200PPFD)	1.0 x 0.8m @ 30cm height	1.2 x 1.2m @ 45cm height	1.6 x 1.3m @ 50cm height

## DIMENSIONS (mm/inch)

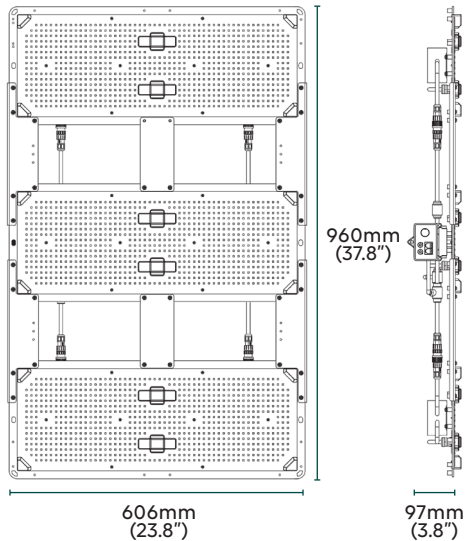
### 220W



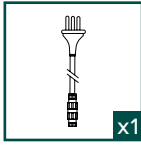
### 440W



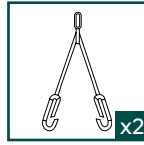
### 660W



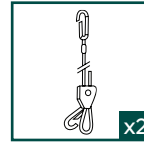
## INSTALLATION INSTRUCTIONS



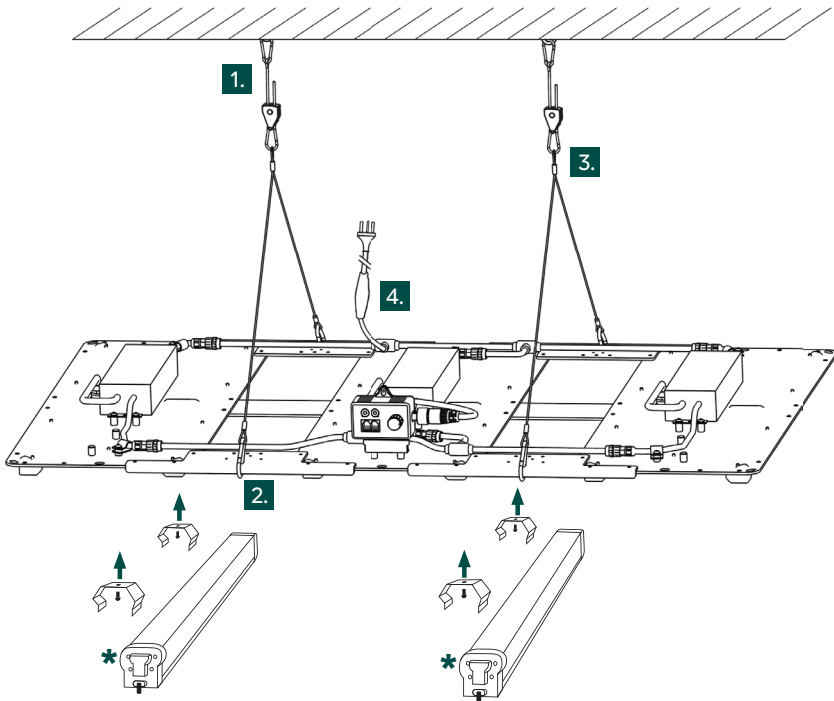
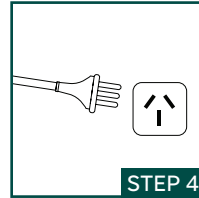
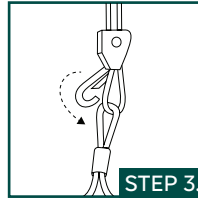
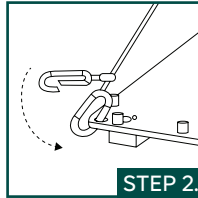
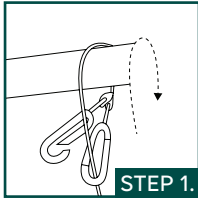
Input Power Cable 2.4m



Hanging Clips

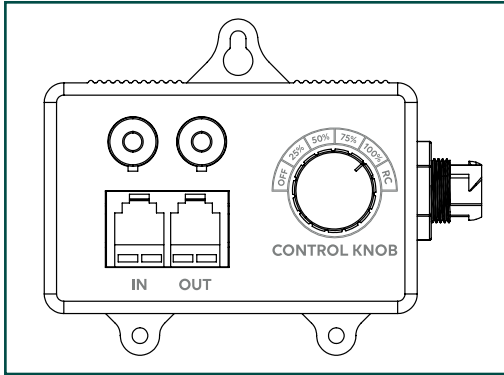


Rope Ratchet



\* ADDING MODULAR SPECTRUM ENHANCER (OPTIONAL)

## OPERATION INSTRUCTIONS



**ENSURE ALL POWER & SIGNAL CABLES ARE FIRMLY CONNECTED**

### POWERING ON

Connect the power cable to the driver and a switched off, power outlet. Switching the power outlet ON will power the fixture.

By default, the control knob will be set to '100%' power.

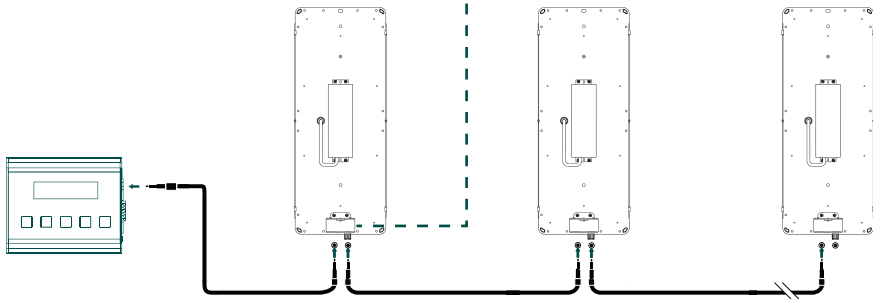
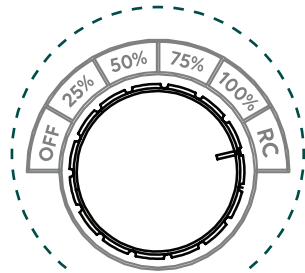


**ENSURE ALL FIXTURES ARE SWITCHED OFF**

### CONNECTING MULTIPLE LED FIXTURES

To connect multiple fixtures, add Signal Cables between fixtures 'OUT' & 'IN' ports.

Once connections are made, set the Control Knob to 'RC' mode on all fixtures and power ON.



## WARRANTY - CONTACT YOUR RETAILER FOR WARRANTY CLAIMS AND SUPPORT

The company guarantees the mechanical and electronic components of this product. It ensures the materials and workmanship is free of defects, used under normal operating conditions.

If there are any defects with this product that relate to the workmanship or the materials used, the company shall, at its discretion, either replace or repair the product.

However, improper use is NOT covered by warranty. This includes but is not limited to, overloading, user error, physical or water damage.

Warranty is valid for a period of three years from the original date of purchase.

## SAFETY NOTES

- Ensure that there is no visible damage before installing or using this product.
- Keep away from hot objects and open flames.
- Avoid touching during operation.
- Ensure that selected power supply is switched OFF during installation.
- Do not install underwater or in water soaked areas.
- Do not use if power cable is damaged.
- Do not attempt to service or replace LEDs yourself.



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