



Medic Grow LED

Smartest And The Most Simple
Way To Grow!





About Us

Medic Grow was founded by people with more than 10 years of experience in the cannabis-growing business. We understand the two things that matter most to production facilities: stable performance and high yield. We designed our lights to do those very things. Using cutting-edge innovation, our LED grow lights provide all the elements needed for successful, and profitable growth.

Why Choose Us?



Fast Shipping



Bulk Discount



24/7 Support



Secure Payment



3-Year Warranty

Spectrum-Y Wireless No. 70



Spectrum-Y Wireless No. 5



Spectrum-Y Wireless No. 4



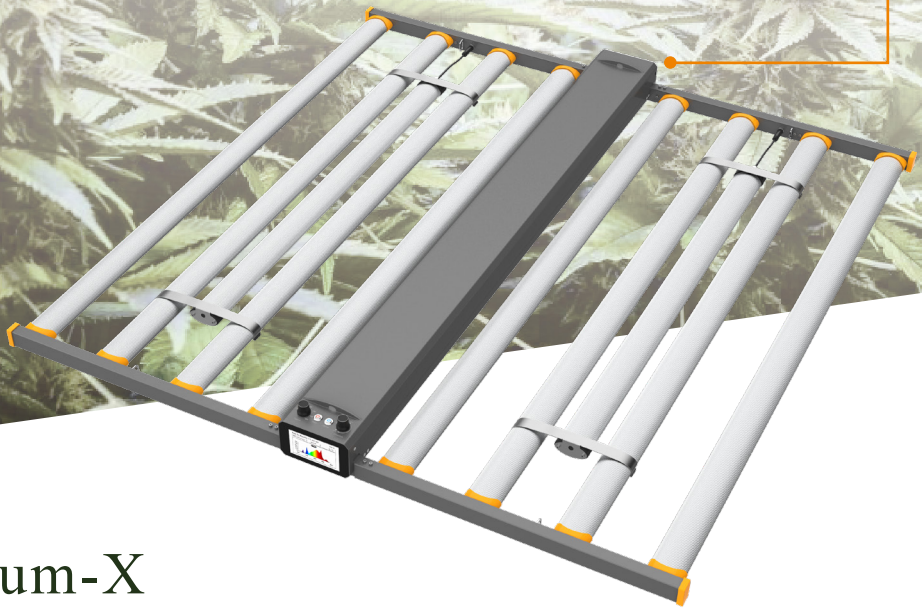
Spectrum-Y Wireless No. 1



Spectrum-Y Wireless No. 2



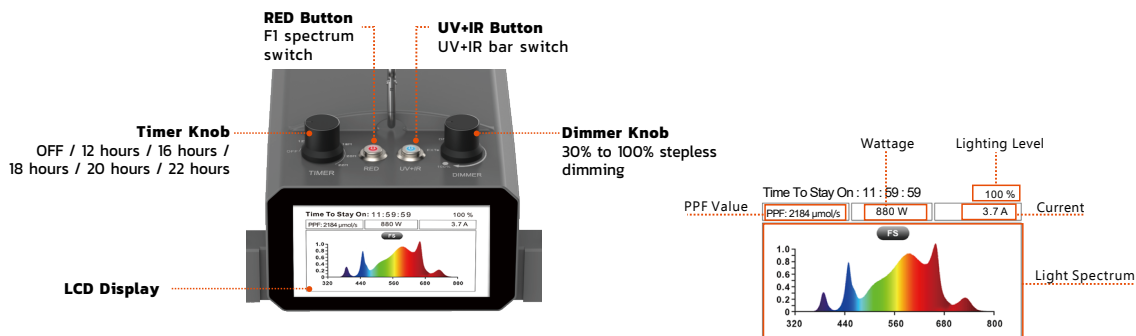
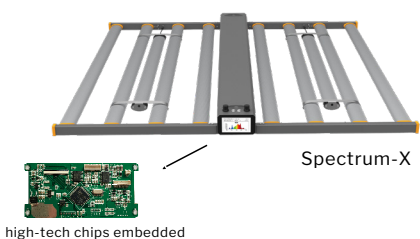
Spectrum-Y Wireless No. 3



Spectrum-X Spectrum-Y Wireless



Medic Grow Spectrum-X is the lighting solution for indoor growing, vertical farming, and large-scale horticulture. It delivers excellent results from seed to flower at a lower price than many other LEDs on the market. The built-in control system enables you to monitor and adjust all the lighting factors that optimize the growth of your plants.

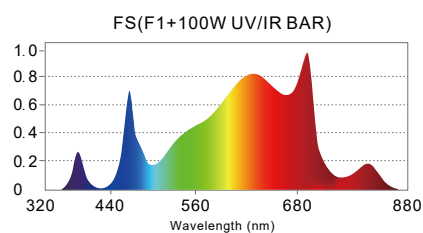
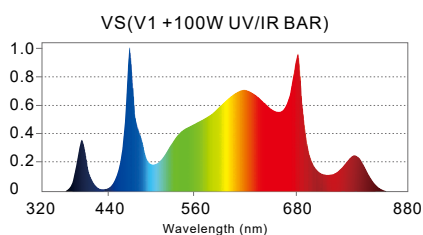
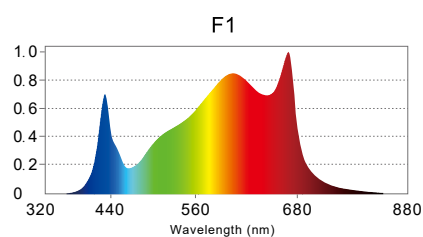
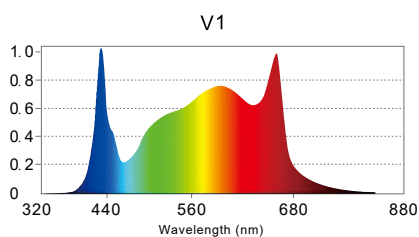


- Light On Screen

FEATURES

- High efficacy 2.8 $\mu\text{mol/J}$. PPF up to 2184 $\mu\text{mol/s}$.
- Integrated LCD display for all growth parameters.
- Tunable spectrum.
- Up to 70 pcs of Spectrum-Y Wireless control through connected Spectrum-X wire.
- Dimmable lighting from 100% to 30%.
- Easy timing setting.
- Embedded friction mechanism for easy installation.
- UV/IR add-on.

SPECTRUMS



SPECIFICATIONS

MODEL	720 W - V1	780 W - F1	820 W - VS	880 W - FS	UV / IR BAR
AC Input Power (@ 277 V AC)	720 W	780 W	820 W	880 W	100 W
Efficacy	2.8 $\mu\text{mol}/\text{J}$ @ 277 V AC		2.7 $\mu\text{mol}/\text{J}$ @ 277 V AC		
Light Output PPF	2016 $\mu\text{mol}/\text{s}$	2184 $\mu\text{mol}/\text{s}$	2016 $\mu\text{mol}/\text{s}$	2184 $\mu\text{mol}/\text{s}$	
Dimensions	Spectrum-X 42.83" x 44.88" x 2.75" L-1088 x W-1140 x H-70 mm		Spectrum-Y Wireless 42.52" x 44.88" x 2.75" L-1080 x W-1140 x H-70 mm		3150" x 7.62" x 119" L-800 x W-193.6 x H-30.3 mm
Net Weight	14.7 kg / 32.41 lb				
Spectrum	V1	F1	VS	FS	UV / IR
AC Input Voltage	120-277 V AC, 50/60 Hz				
Thermal Management	Passive				
Max. Ambient Temperature	104 °F / 40 °C				
Dimming	0-10V Dimmable				
Total Harmonic Distortion (THD)	$\leq 25\%$				
Lifespan Warranty	> 50,000 hours 3-Year Standard Warranty				
Certificates	ETL, DLC, CE, RoHS certification				

ELECTRICAL PARAMETERS

Model	720 W V1 SPECTRUM		
AC Voltage	120 V	240 V	277 V
Power Factor		$\geq 90\%$	
AC Current	6.12 A	3.0 A	2.79 A
AC Power	720 W $\pm 5\%$		

Model	780 W F1 SPECTRUM		
AC Voltage	120 V	240 V	277 V
Power Factor		$\geq 90\%$	
AC Current	6.5 A	3.3 A	2.8 A
AC Power	780 W $\pm 5\%$		

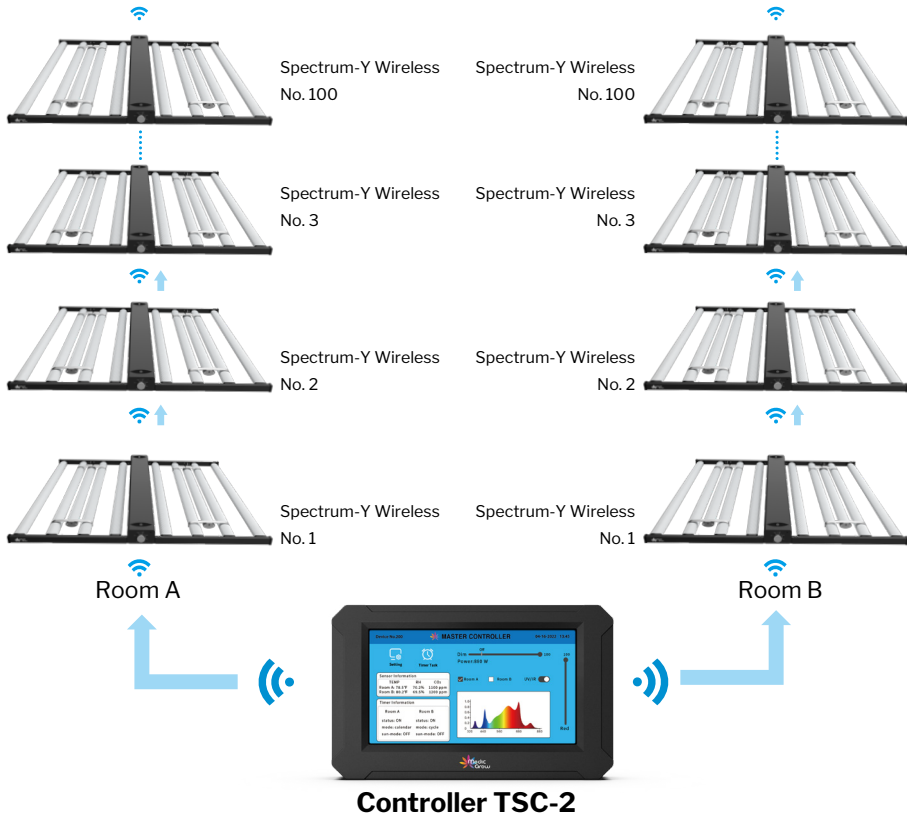
Model	820 W VS SPECTRUM		
AC Voltage	120 V	240 V	277 V
Power Factor		$\geq 90\%$	
AC Current	6.8 A	3.4 A	3.0 A
AC Power	820 W $\pm 5\%$		

Model	880 W FS SPECTRUM		
AC Voltage	120 V	240 V	277 V
Power Factor		$\geq 90\%$	
AC Current	7.3 A	3.7 A	3.2 A
AC Power	880 W $\pm 5\%$		

CONTROL METHOD

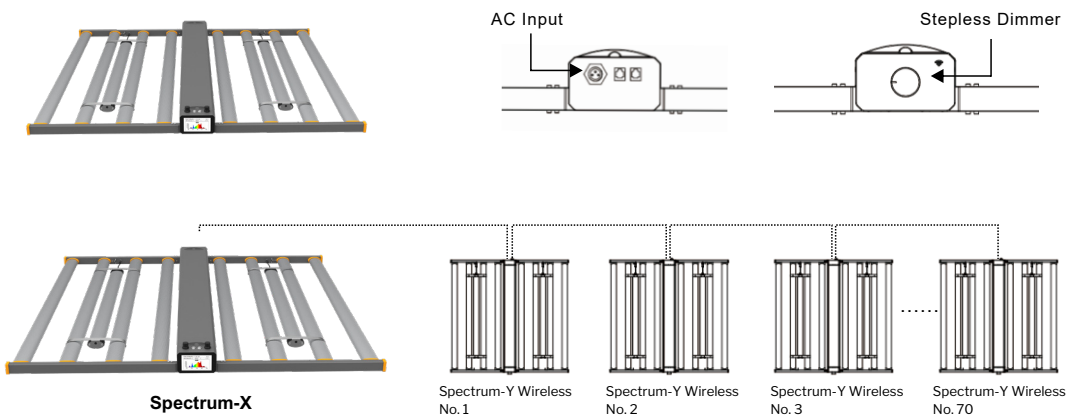
WIRELESS CONTROL

One Controller Controls Up To 200 Light Fixtures



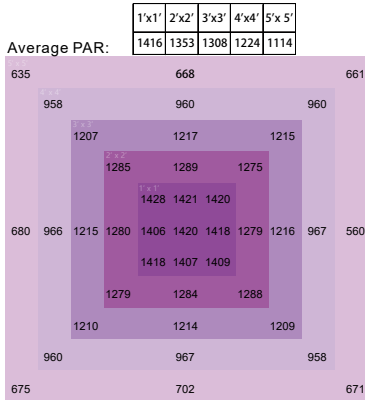
WIRED CONTROL

One Spectrum-X controls up to 70 pcs of Spectrum-Y Wireless. Each Spectrum-Y Wireless has 2 RJ ports for easy connection.

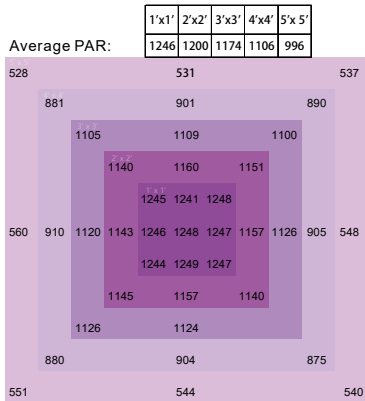


PPFD (PAR MAP)

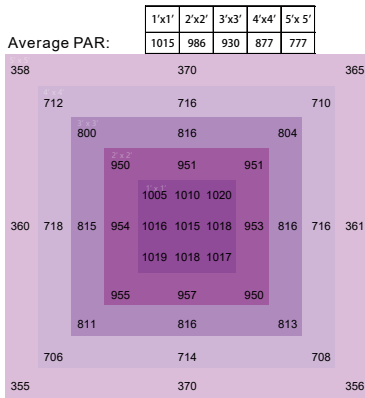
2.8 $\mu\text{mol}/\text{J}$ Draw Power : 720 W 5'X5' Grid



Height=6" / 152 mm
720 W V1 2.8 $\mu\text{mol}/\text{J}$

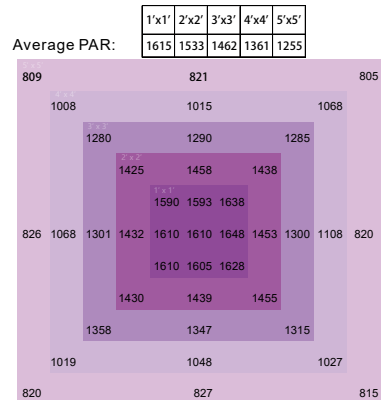


Height=12" / 305 mm
720 W V1 2.8 $\mu\text{mol}/\text{J}$

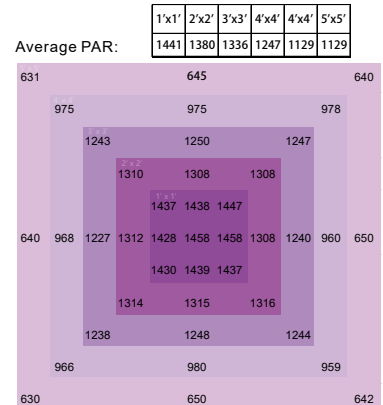


Height=24" / 609 mm
720 W V1 2.8 $\mu\text{mol}/\text{J}$

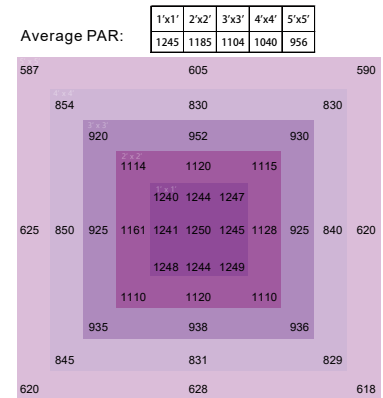
2.8 $\mu\text{mol}/\text{J}$ Draw Power : 780 W 5'X5' Grid



Height=6" / 152 mm
780 W F1 2.8 $\mu\text{mol}/\text{J}$

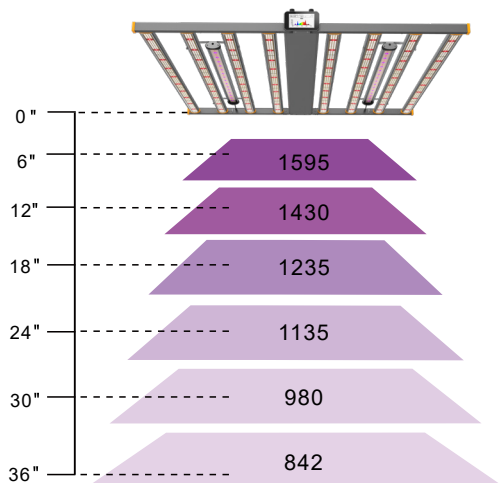


Height=12" / 305 mm
780 W F1 2.8 $\mu\text{mol}/\text{J}$

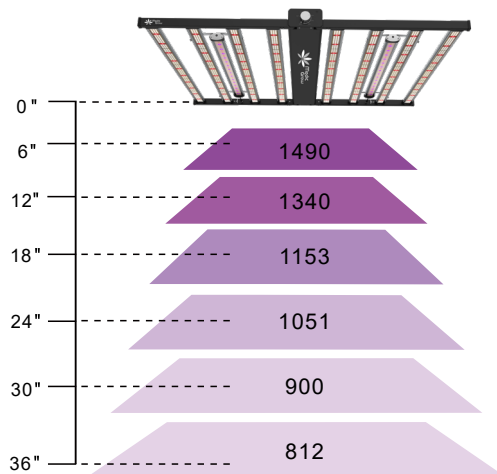


Height=24" / 609 mm
780 W F1 2.8 $\mu\text{mol}/\text{J}$

PAR VALUE ($\mu\text{mol}/\text{m}^2/\text{s}$)

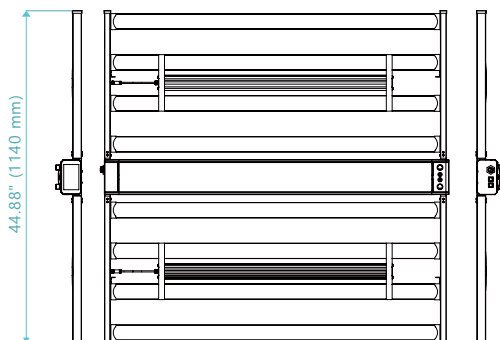
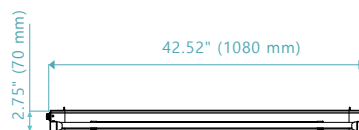
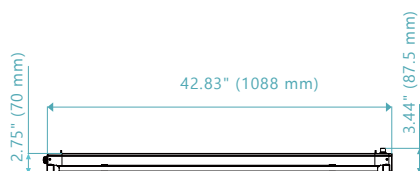


Spectrum-X
780 W F1 Spectrum 2.8 $\mu\text{mol}/\text{l}$

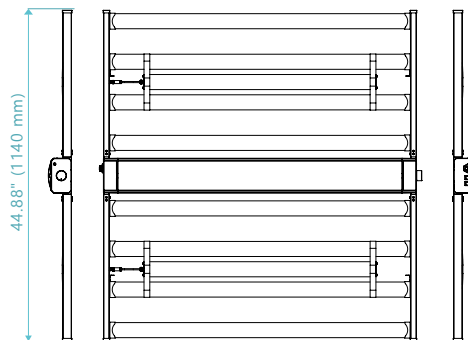


Spectrum-Y Wireless
720 W V1 Spectrum 2.8 $\mu\text{mol}/\text{l}$

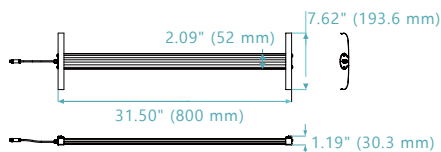
DIMENSIONS



Spectrum-X



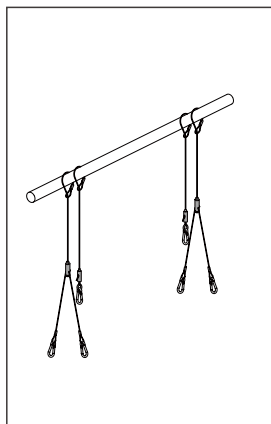
Spectrum-Y Wireless



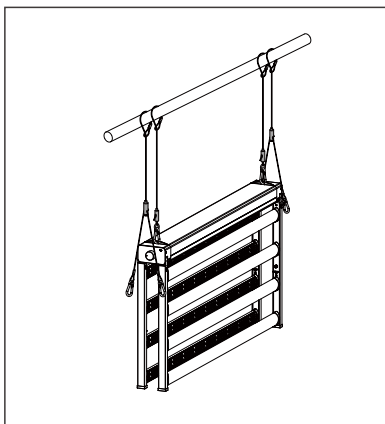
UV / IR Bar

EASY INSTALLATION

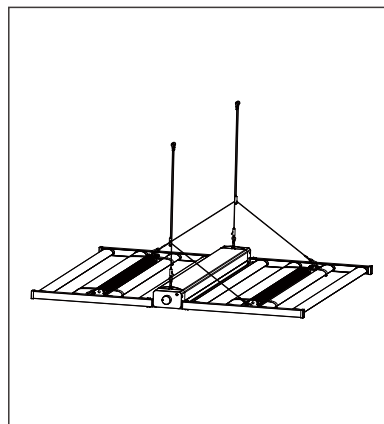
The creative design of the mechanism offers you the most time-saving and convenient way to install the light.



• Hang the steel cables.



• Hang the driver box of light fixture.

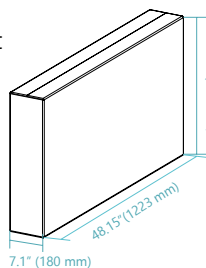


• Unfold the light fixture to 180° horizontal position, and hang the other cables on each side.

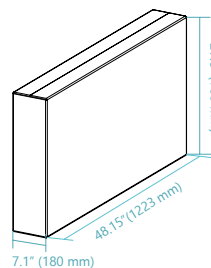
PACKING INFORMATION

CONTENTS

- 1 Spectrum-X or Spectrum-Y Wireless LED Grow Light
- 2 UV / IR Bars
- 1 User Manual
- 2 Stainless Steel Hanging Kits
- 1 Power Cord (6 ft / 180 cm)
- 1 Power Adapter
- 1 RJ Cord

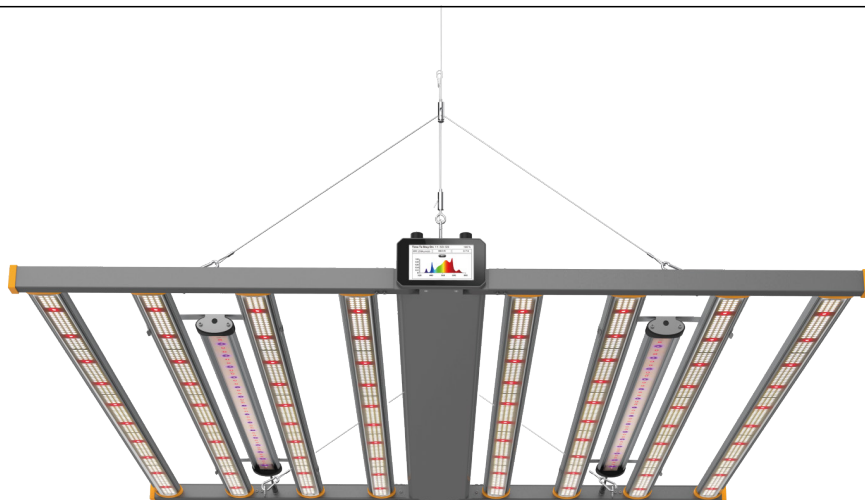


Spectrum-X Box

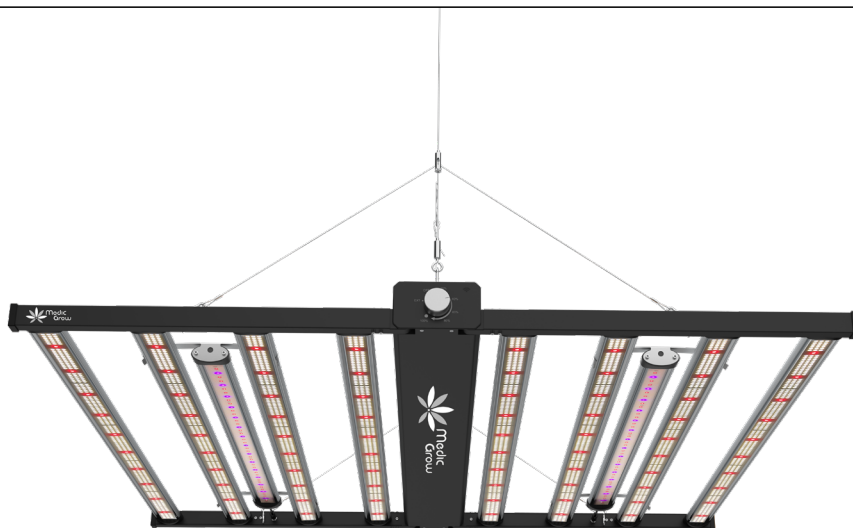


Spectrum-Y Wireless Box

Model Name	Carton Dimensions (L x W x H)	Gross Weight
Spectrum-X + 2 pcs UV/IR BAR	L-1223 x W-180 x H-700 mm 48.15" x 7.1" x 27.6"	43.43 lb / 19.7 kg
Spectrum-Y Wireless + 2 pcs UV/IR BAR	L-1223 x W-180 x H-700 mm 48.15" x 7.1" x 27.6"	43.43 lb / 19.7 kg



Spectrum-X



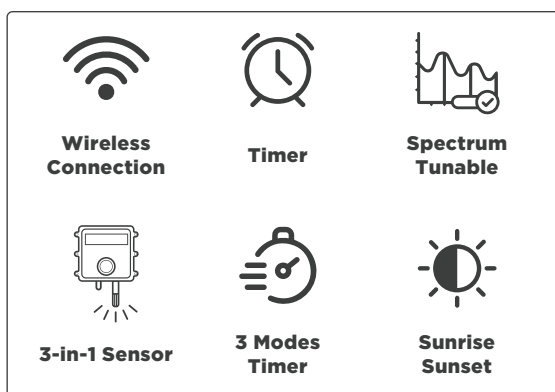
Spectrum-Y Wireless

TSC-2 MASTER CONTROLLER

The TSC-2 master controller adopts a 7-inch LCD touch screen.



It's integrated the built-in dimmer, spectrum tunable, 3-in-1 sensor, 3 modes timer, sun-rise and sun-set model, over-temperature protection, and online-upgrade features.



The TSC-2 master controller supports both wireless and 0-10 V wired connection, so it is compatible not only with Medic Grow's Light fixtures, but also with most of the LED grow light fixtures in the markets by 0-10 V dimming cord. The online upgrade feature gives you the ability for life-time improvements.



FEATURES

- Both wireless and wired controlling.
- Automatic net working by WIFI MESH technology available in wireless connection.
- Wirelessly controls up to 200 light fixtures.
- Controls one or two grow rooms in one panel.
- Support three-in-one sensor for monitoring CO₂, temperature and humidity.
- Simulates sunrise and sunset setting, which range from 5-30 minutes.
- Support GTL timer, calendar timer, and cycle timer.
- Support over-temperature protection presetting.
- Support system updating via WiFi.
- LCD touch screen for smart and easy operation.

SPECIFICATIONS

Model	TSC-2
Installation method	Wall Hanging
Screen	7 inch LCD display
Dimensions	8.19" x 5.08" x 1.3" L-208 x W-129 x H-33 mm
Net Weight	0.465 kg 1.02 lb
Input voltage of controller	DC 12 V
Input voltage of adaptor	100-240 V AC, 50/60 Hz
AC Current	1 A
Material of shell	PC+ABS Etched black
Fire rating of shell	94 - V1
Sunrise sunset	YES
Overheating protection	YES
Connection Method	Wired connection or wireless connection

CONTROL METHOD

TSC-2 Wireless Control Wireless and Automatic Networking, One Controller Controls Up to 200 fixtures.

CONTROLLER TSC-2

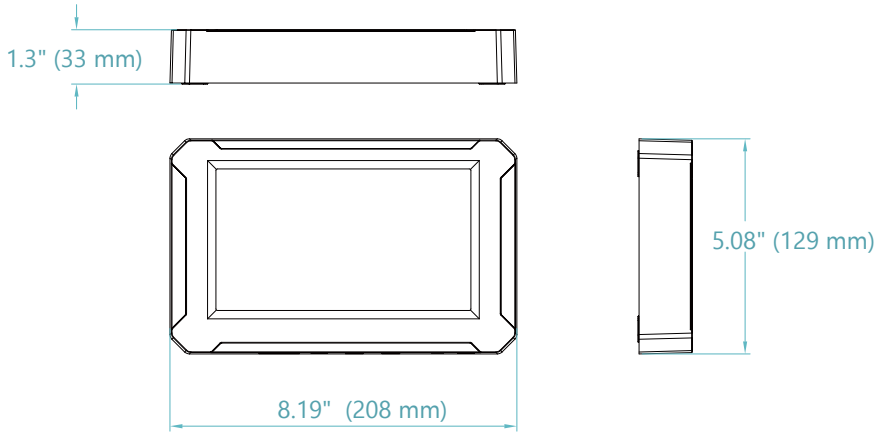
TSC-2 Wired Control All Our Product Series Could Be Controlled by TSC-2.

CONTROLLER TSC-2
0-10 V Control

APPLICATION

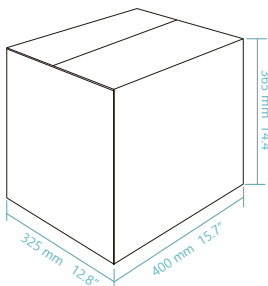
It is suitable for planting greenhouses, planting factories, horticulture planting, enthusiasts planting, indoor planting and other fields that require centralized control of multiple lights.

DIMENSIONS

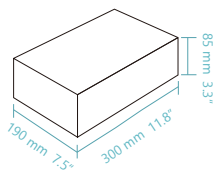


PACKING INFORMATION

Model	Carton Dimension	G.W
1 x TSC-2	L - 300 x W - 190 x H - 85 mm 11.81" x 7.48" x 3.34"	1.15 lb / 0.52 kg
8 x TSC-2	L - 400 x W - 325 x H - 365 mm 15.74" x 12.79" x 14.37"	11.68 lb / 5.3 kg



8 x TSC-2



1 x TSC-2

CONTENTS

- 1 x Controller
- 1 x 12 V Adapter
- 2 x 4P4C Cables
- 2 x 6P6C Cables
- 2 x Screw Kits
- 1 x User Manual

Smart-8

The Medic Grow Smart-8 is daisy chainable and distributes balanced, full-spectrum light anywhere from 100% to 40% while maintaining high efficiency. With broad vegetative 4000K and flowering spectrum distributions, Smart-8 is uniquely capable of delivering both of these spectrum settings at full power.



FEATURES

Solution	PPF	AC Power	Light Source	Efficacy
Smart-8	2052 $\mu\text{mol/s}$	760 W	Original Osram LEDs	2.7 $\mu\text{mol/J}$

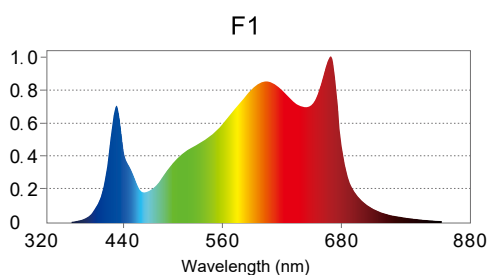
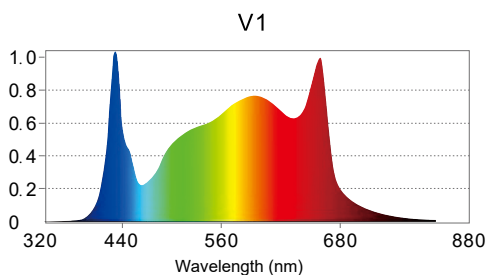
- Outstanding efficiency.
- Full-cycle growing spectrum.
- Enhanced 660 nm red encourages blooming and fruit.
- Low-energy and no-heat output settings.
- Coverage for 4' x 4' and 5' x 5' grow tents.
- Fanless design to avoid noise.
- Plug and play.
- Onboard dimming function.
- Daisy chain function.



SPECIFICATIONS

Net Weight	29.54 lb / 13.4 kg
Spectrum	V1 and F1
AC Input Voltage	120-277 V AC, 50/60 Hz
Light Output PPF	2052 $\mu\text{mol/s}$
Efficacy	2.7 $\mu\text{mol/J}$ @ 277 V AC
AC Input Power	760 W @ 277 V AC
Thermal Management	Passive
Max. Ambient Temperature	104 °F / 40 °C
Dimming	0-10 V Dimmable
Total Harmonic Distortion (THD)	$\leq 25\%$
Warranty	3-Year Standard Warranty

SPECTRUMS



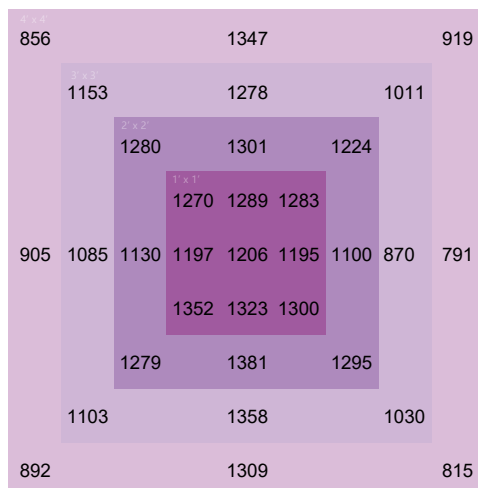
ELECTRICAL PARAMETERS

Model	Smart-8					
Spectrum	V1 (700 W)			F1 (760 W)		
AC Voltage	120 V	240 V	277 V	120 V	240 V	277 V
PowerFactor	> 0.9			> 0.9		
AC Current	6.14 A	3.24 A	2.81 A	6.67 A	3.52 A	3.05 A
AC Power	700 W ± 10%			760 W ± 10%		

* At 77°F (25°C) ambient temperature

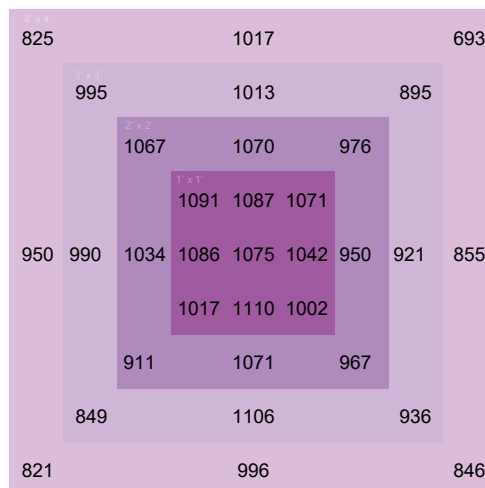
PPFD (PAR MAP)

1.2 M x 1.2 M / 4 FT x 4 FT



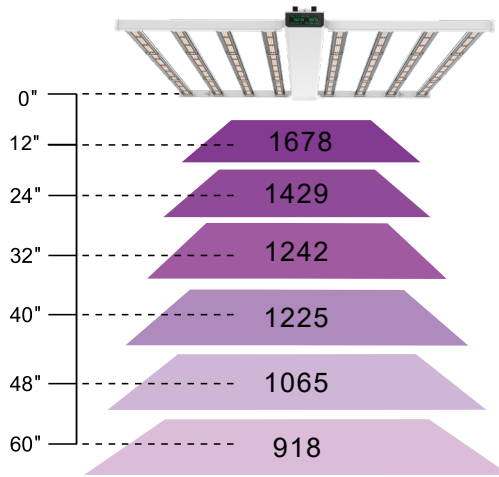
Height = 12" / 305 mm
Smart-8 760 W F1 2.7 μmol/J

1.2 M x 1.2 M / 4 FT x 4 FT



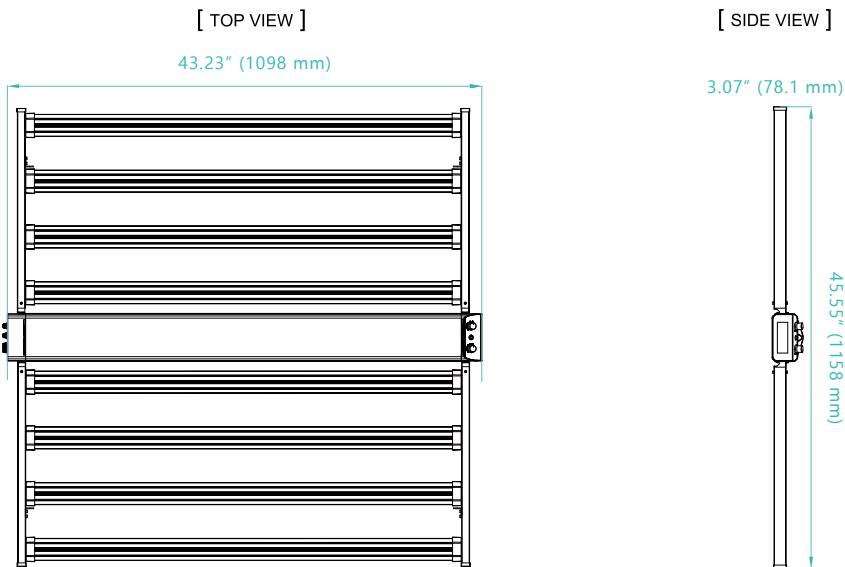
Height = 24" / 609 mm
Smart-8 760 W F1 2.7 μmol/J

PAR VALUE ($\mu\text{mol}/\text{m}^2/\text{s}$)



Smart-8 760 W 2.7 $\mu\text{mol}/\text{J}$

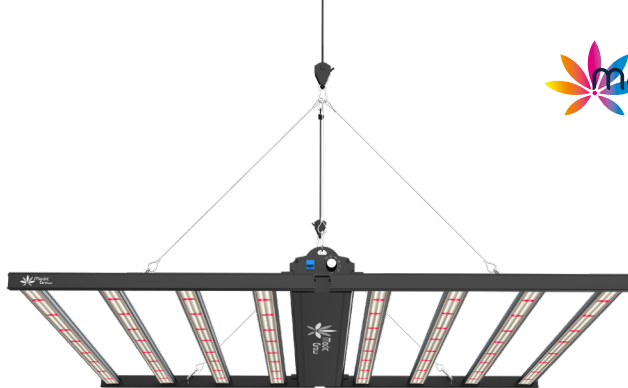
DIMENSIONS



PACKING INFORMATION

Carton Dimensions (L x W x H)	Gross Weight
L-1169 x W-200 x H-665 mm (46" x 4.87" x 26.2")	33.3 lb / 15.1 kg

Fold-8



FEATURES

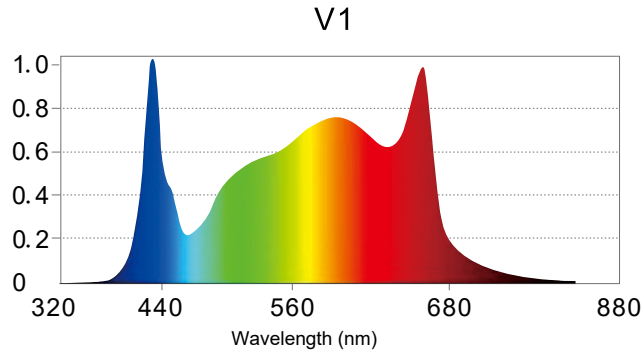
Solution	PPF	AC Power	Light Source	Efficacy
Fold-8	1944 $\mu\text{mol/s}$	720 W	Original Osram LEDs	2.7 $\mu\text{mol/J}$

- Full spectrum -- from seed to harvest.
- Efficacy up to 2.7 $\mu\text{mol/J}$, high PPF up to 1944 $\mu\text{mol/s}$.
- Easy to install -- just plug and play.
- Top-shelf Osram red chip.
- Daisy chainable.
- True 720 W power consumption.

SPECIFICATIONS

Net Weight	27.56 lb / 12.5 kg
Spectrum	V1
AC Input Voltage	120-277 V AC, 50/60 Hz
Light Output PPF	1944 $\mu\text{mol/s}$
Efficacy	2.7 $\mu\text{mol/J}$ @ 277 V AC
AC Input Power	720 W @ 277 V AC
Thermal Management	Passive
Max. Ambient Temperature	104 °F / 40 °C
Dimming	0-10 V Dimmable
Total Harmonic Distortion (THD)	$\leq 25\%$
Warranty	3-Year Standard Warranty

SPECTRUMS



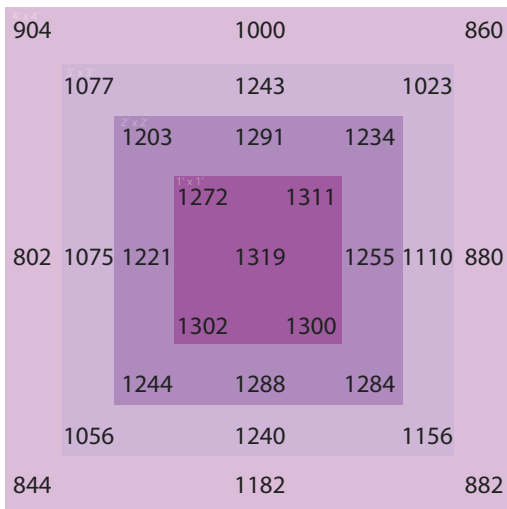
ELECTRICAL PARAMETERS

Model	Fold-8		
AC VOLTAGE	120 V	240 V	277 V
PowerFactor	> 0.9		
AC Current	6.3 A	3.2A	2.8 A
AC Power	720 W ± 10%		

* At 77°F (25°C) ambient temperature

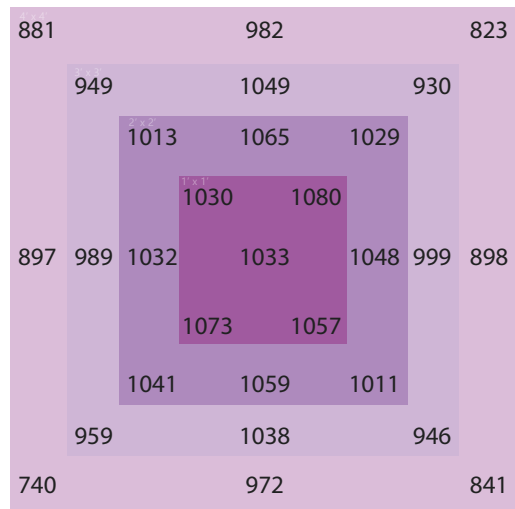
PPFD (PAR MAP)

1.2 M x 1.2 M / 4 FT x 4 FT



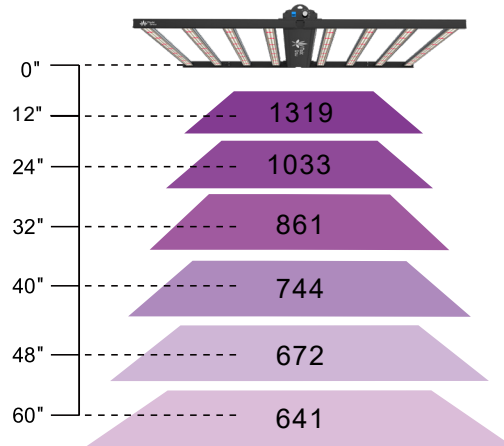
Height = 12" / 305 mm
Fold-8 720 W 2.7 μmol/J

1.2 M x 1.2 M / 4 FT x 4 FT



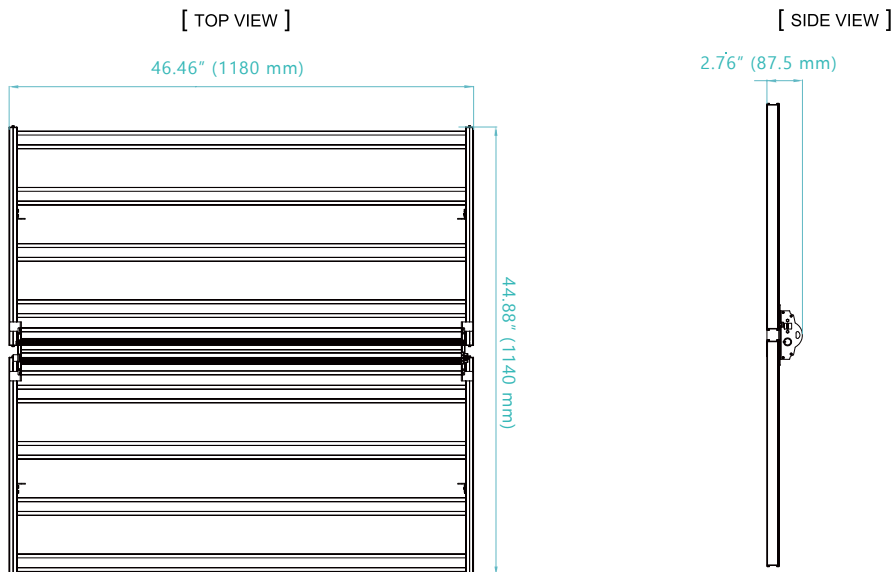
Height = 24" / 609 mm
Fold-8 720 W 2.7 μmol/J

PAR VALUE ($\mu\text{mol}/\text{m}^2/\text{s}$)



Fold-8 720 W 2.7 $\mu\text{mol}/\text{J}$

DIMENSIONS



PACKING INFORMATION

Carton Dimensions (L x W x H)	Gross Weight
L-1250 x W-180 x H-675 mm (49.21" x 7.09" x 26.57")	34.83 lb / 15.8 kg

EZ-8



FEATURES

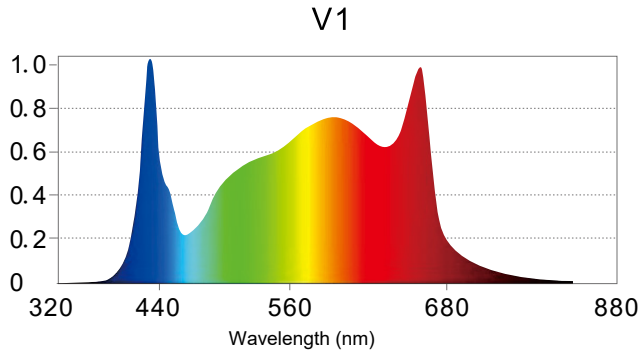
Solution	PPF	AC Power	Light Source	Efficacy
EZ-8	2700 $\mu\text{mol/s}$	1000 W	Original Osram LEDs	2.7 $\mu\text{mol/J}$

- 5' x 5', 6' x 6' coverage.
- Full-spectrum light, from seed to harvest.
- High PPF -- 2700 $\mu\text{mol/s}$.
- Daisy chainable -- up to 75 lights.
- Dimmable -- OFF / 40% / 60% / 80% / 100%.
- Easy installation -- plug & play.
- Tested 1000 W power consumption.

SPECIFICATIONS

Net Weight	30.8 lb / 14 kg
Spectrum	V1
AC Input Voltage	120-277 V AC, 50/60 Hz
Light Output PPF	2700 $\mu\text{mol/s}$
Efficacy	2.7 $\mu\text{mol/J}$ @ 277 V AC
AC Input Power	1000 W @ 277 V AC
Thermal Management	Passive
Max. Ambient Temperature	104°F/40°C
Dimming	0-10 V Dimmable
Total Harmonic Distortion (THD)	≤ 25%
Warranty	3-Year Standard Warranty

SPECTRUMS



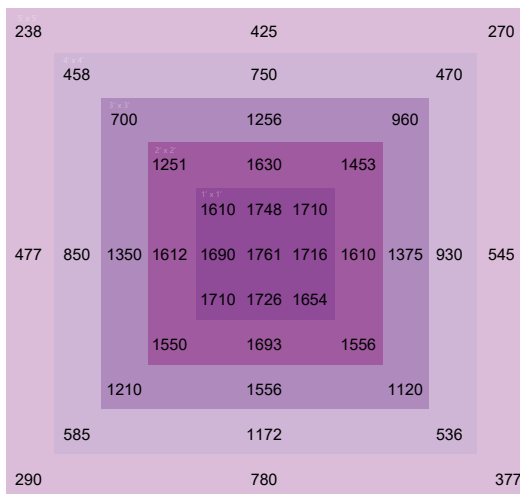
ELECTRICAL PARAMETERS

Model	EZ-8		
AC VOLTAGE	120 V	240 V	277 V
PowerFactor	> 0.9		
AC Current	8.8 A	4.4 A	3.8 A
AC Power	1000 W ± 10%		

* At 77°F (25°C) ambient temperature

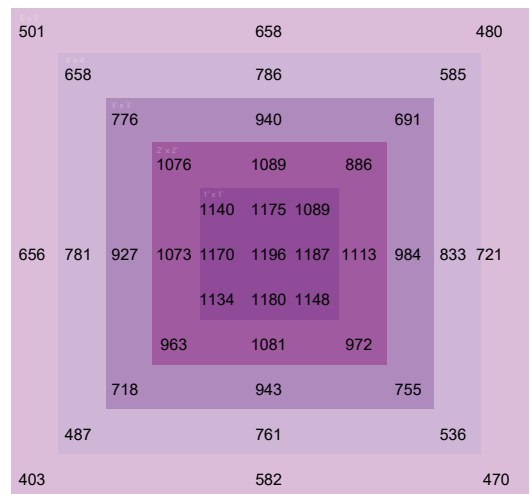
PPFD (PAR MAP)

1.2 M x 1.2 M / 5 FT x 5 FT



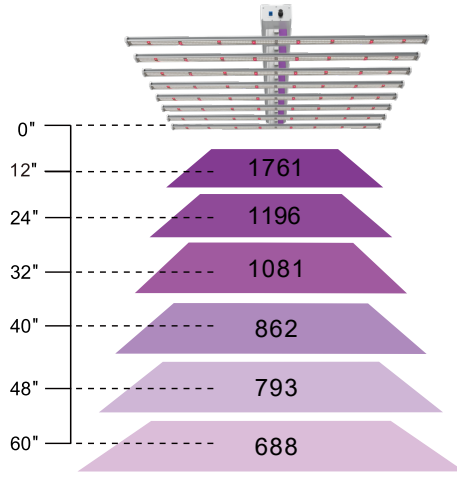
Height = 12" / 305 mm
EZ-8 1000 W 2.7 μmol/J

1.2 M x 1.2 M / 5 FT x 5 FT



Height = 24" / 609 mm
EZ-8 1000 W 2.7 μmol/J

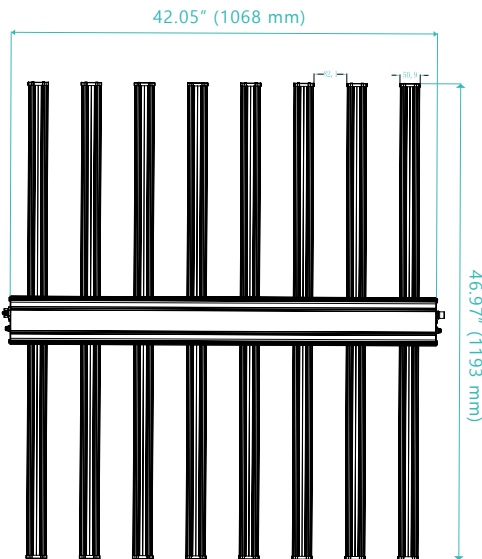
PAR VALUE ($\mu\text{mol}/\text{m}^2/\text{s}$)



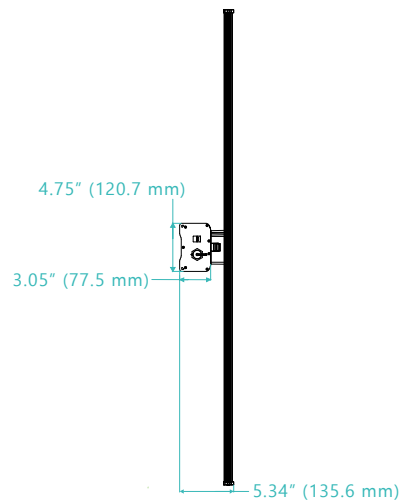
EZ-8 1000 W 2.7 $\mu\text{mol}/\text{J}$

DIMENSIONS

[TOP VIEW]



[SIDE VIEW]



PACKING INFORMATION

Carton Dimensions (L x W x H)	Gross Weight
L-1330 x W- 300 x H-205 mm (52.36" x 11.81" x 8.07")	37.03 lb / 16.8 kg



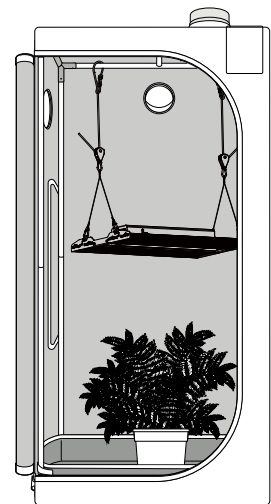
Mini Sun-2

Built-in- Controller with Timer and Dimmer Knob on Board.

Easy to Read LCD Display.

Daisy Chainable.

Rack / Grow Tent LED Grow Light for Hobby Growers.



FEATURES

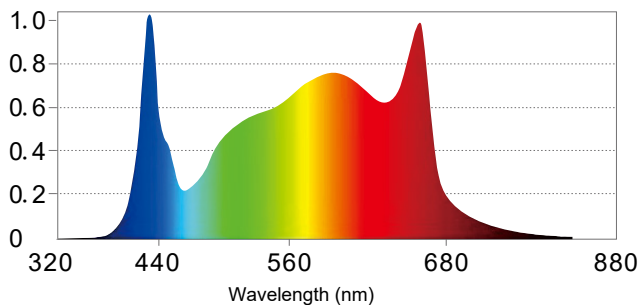
- Rack / Grow tent LED Grow Light for hobby growers.
- Full cycle V1 spectrum for better yields.
- Compact, best for 2'x2', suitable for 2'x4' and 4'x4' etc.
- High PPF of 2385 @ 6" in height, efficacy is up to 2.8 $\mu\text{mol}/\text{J}$, and PPF is up to 896 $\mu\text{mol}/\text{s}$.
- Built-in- Controller with timer and dimmer knob on board.
- Easy to read LCD display.
- Better heat dissipation design with aluminum heatsink.
- Daisy chainable with RJ cords for large scale growing.
- Compatible with TSC-2 / GLC-1 and 0-10 V dimming controller.
- Low heat output without damaging plants.

SPECIFICATIONS

Model	Mini Sun-2
AC Input Power (@ 277V AC)	320 W
Efficacy	2.8 $\mu\text{mol}/\text{J}$ @ 277V AC
Light Output PPF	896 $\mu\text{mol}/\text{s}$
Dimensions	19.84" x 15.87" x 2.64" L - 504 x W - 403 x H - 67 mm
Net Weight	6 \pm 0.2 kg / 13.22 lb
Spectrum	V1
AC Input Voltage	120-277 V AC, 50/60 Hz
AC Current	3.7 A (@ 120 V AC) 1.9 A (@ 240 V AC) 1.6 A (@ 277 V AC)
Power Factor	\geq 0.9
Thermal Management	Passive
Max. Ambient Temperature	104 °F / 40 °C
Dimming	0-10 V Dimmable
Total Harmonic Distortion (THD)	\leq 25%
Lifespan Warranty	> 50,000 hours 3 Year Standard Warranty

SPECTRUM

V1 Spectrum

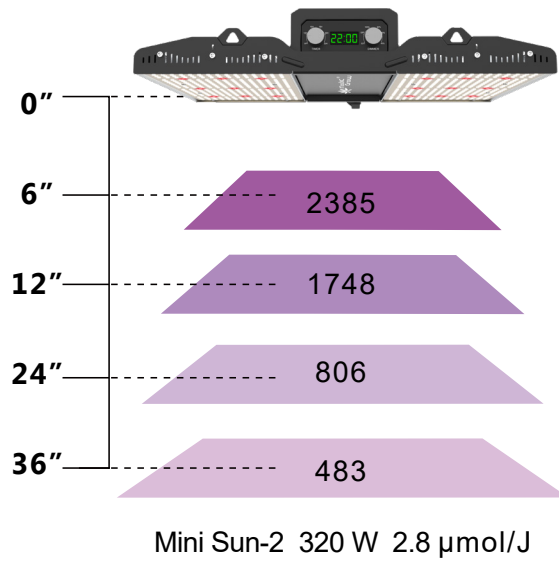


CONTROL METHOD

Mini Sun-2 supports the mainstream control systems (0-10V) in the market. Connect the power cords with the controller, and the fixtures separately, connect the controller and fixtures with RJ cable, set the dimming knob at "EXT", then the external controller controls the fixtures.

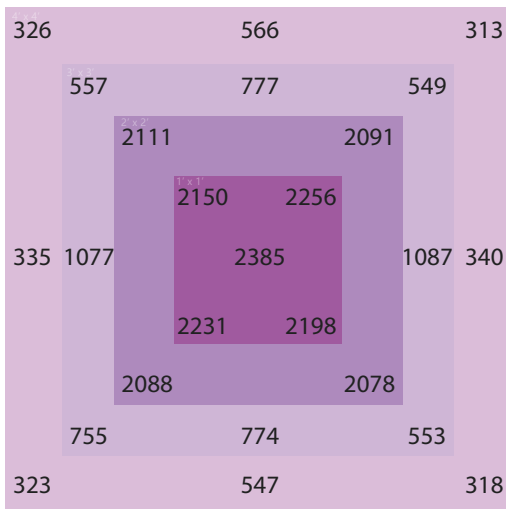


PAR VALUE ($\mu\text{mol}/\text{m}^2/\text{s}$)

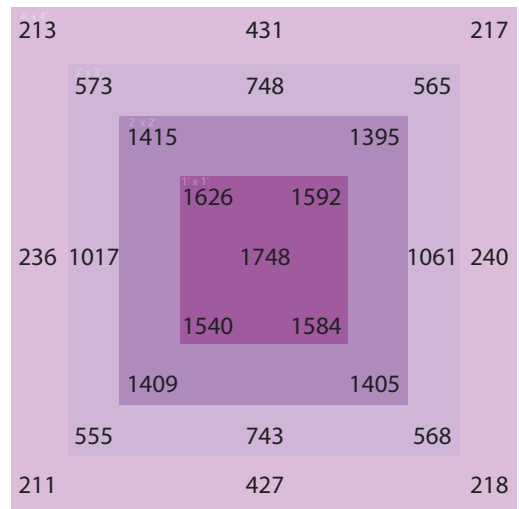


PPFD (PAR MAP)

1.2 M x 1.2 M / 4 FT x 4 FT



1.2 M x 1.2 M / 4 FT x 4 FT



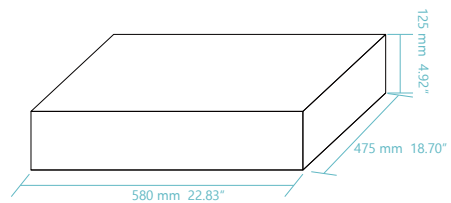
DIMENSIONS



PACKING INFORMATION

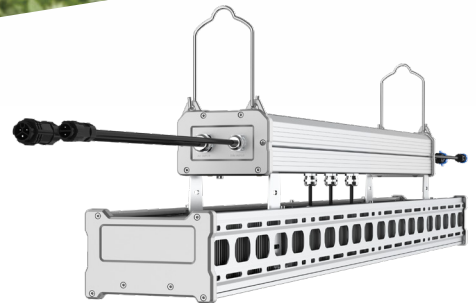
CONTENTS

- 1 LED Grow Light
- 1 User Manual
- 2 Stainless Steel Hanging Kits
- 1 Power Cord (6 ft / 180 cm)
- 1 Power Adapter
- 1 RJ Cord
- 1 Sticker



Mini Sun-2

Carton Dimensions (L x W x H)	Gross Weight
L-580 x W- 475 x H-125 mm (22.83" x 18.70" x 4.92")	15.43 lb / 7 kg



Slim Power-2

Featuring multiple spectra and high efficacies, Slim Power-2 is the latest top lighting solution for greenhouse supplemental lighting.

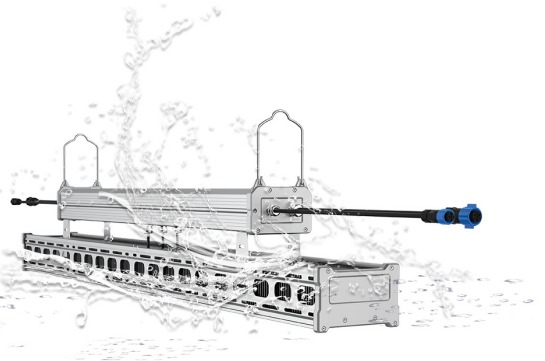


Slim Power-2 designed for commercial horticulture, specifically for using as primary indoor lighting applications and supplemental of greenhouse lighting. With uniform, high PPF output and high efficacy, Slim Power-2 deliver optimum performance, enabling the direct replacement of a 1000W HPS fixture at more than 40% energy savings.

FEATURES

IP67 Waterproof

Slim Power-2 is IP67 waterproof designed. The driver case is waterproof and the driver inside also waterproof. All connectors are sealed by silicon. LED board itself protected by waterproof layer. Perfectly functioning in most moist or wet greenhouse conditions .



Unibody Heat-sink Design

Slim Power-2 built upon patented Unibody Aluminum Heat-Sink technology, the entire heat-sink made from one piece of aluminum which greatly improves the heat dissipation capability. No worry about working at tough applications .

Slim Design

Slim Power-2 compact driver and linear design contribute to a reduced shadow on plants, perfect for greenhouse supplemental lighting.

Powerful & Efficient

High efficacy up to 2.6-2.8 $\mu\text{mol}/\text{J}$.
High PPF up to 1960 $\mu\text{mol}/\text{s}$ per light fixture.

Smart Controlling

Slim Power-2 support the mainstream 0-10v dimmable control systems in the market, as well as our TSC-2.

Easy Installation

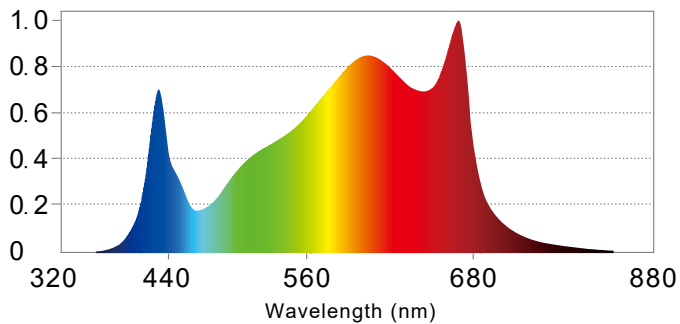
The compact driver and linear design make the Slim Power-2 an easily daisy chain from one fixture to another.

SPECIFICATIONS

Model	Slim Power-2
AC Input Power (@ 277V AC)	550 W
Efficacy	2.8 $\mu\text{mol/J}$ @ 277 V AC
Light Output PPF	1540 $\mu\text{mol/s}$
Dimensions	47.64" x 5.38" x 8.1" L - 1210 x W - 136.7 x H - 205.9 mm
Net Weight	12.33 kg / 27.18 lb
Spectrum	F1
AC Input Voltage	120-277 V AC, 50/60 Hz
AC Current	5.1A (@ 120 V AC) 2.2 A (@ 277 V AC)
Power Factor	≥ 0.9
Thermal Management	Passive
Max. Ambient Temperature	104 °F / 40 °C
Dimming	0-10 V Dimmable
Total Harmonic Distortion (THD)	$\leq 25\%$
Lifespan Warranty	> 50,000 hours 3 Year Standard Warranty

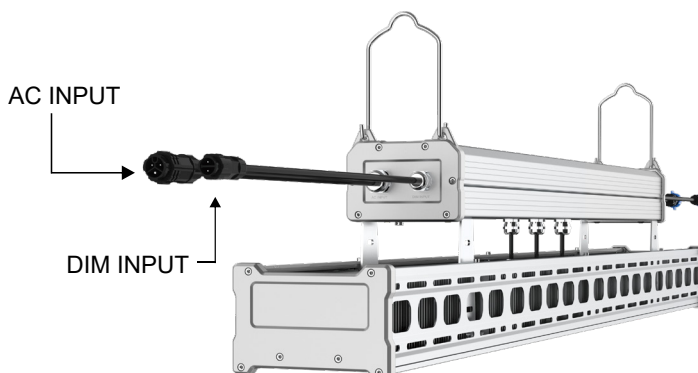
SPECTRUM

F1 Spectrum



0-10 V DIMMING CONTROL SOLUTION

Easily connect the fixture end to end for your daisy chain without messy circuit cables. The external dimmer controller has 2 channels, max. controls up to 100 lights.

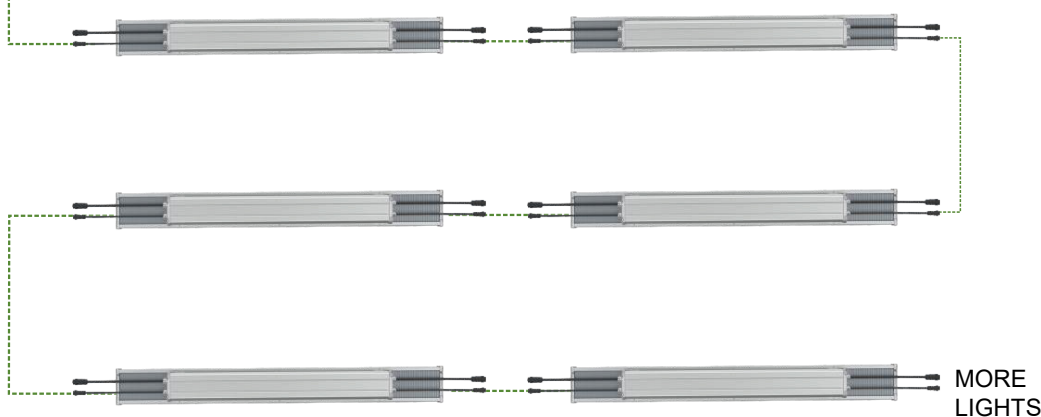


TSC-2 Master Controller



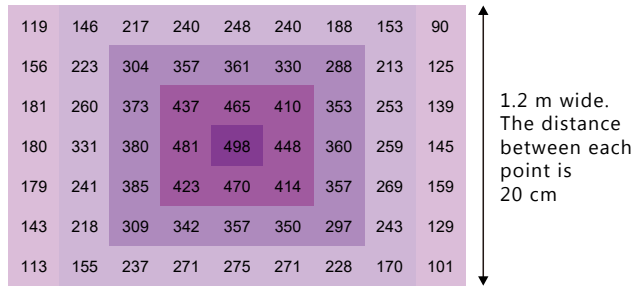
0-10 V Controller GLC-1

adapter cable from dimmer controller to Slim Power-2



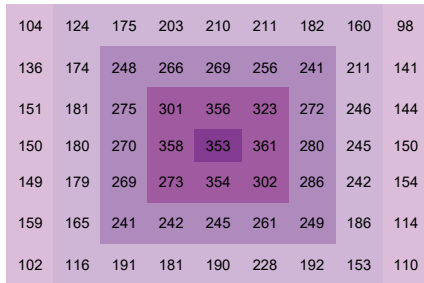
PPFD (PAR MAP)

Coverage area : 2 × 1.2 m (6.56 FT x 4 FT)

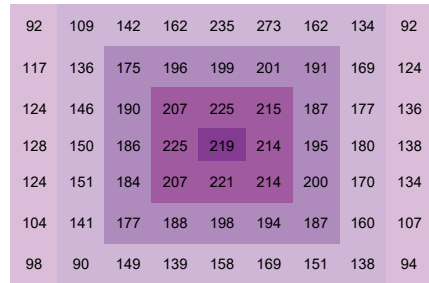


The distance between each point is 25 cm, total is 2 m long.

Slim Power-2 550 W Height = 90 cm / 36"

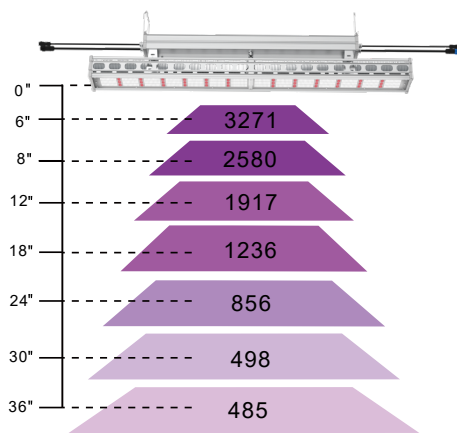


Slim Power-2 550 W Height = 1.2 m / 48"



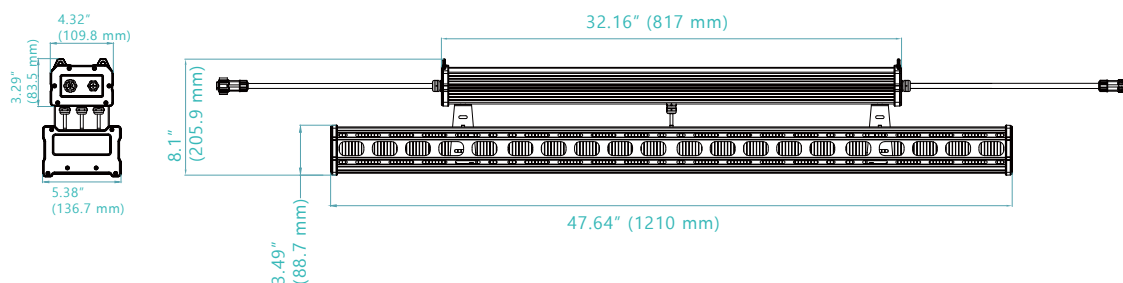
Slim Power-2 550 W Height = 1.5 m / 60"

PAR VALUE ($\mu\text{mol}/\text{m}^2/\text{s}$)



Slim Power-2 550 W 2.8 $\mu\text{mol}/\text{J}$

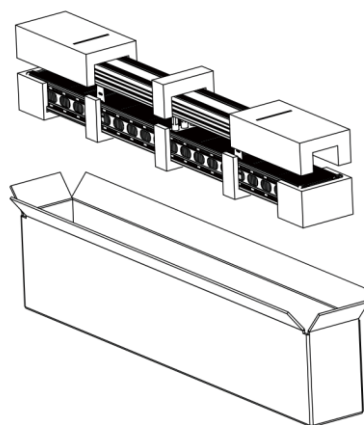
DIMENSIONS



PACKING INFORMATION

CONTENTS

- 1 LED Grow Light
- 1 User Manual
- 2 Hanging Chains and hooks
- 1 Plug Adapter
- 1 6 FT (180cm) Long Power Cord
- 1 RJ Cord (Optional)



Carton Dimensions (L x W x H)	Gross Weight
L-1305 x W- 190 x H-275 (mm) (51.38" x 7.48"x 10.83")	33.73 lb / 15.3 kg

Lighting Controller GLC-1

The Medic Grow lighting controller is a dual-channel smart controller that enables the grower to control up to 100 fixtures. Protect your garden with dedicated temperature sensors that provide real-time data and automatic on / off switching, plus precise temperature / humidity readings.



FEATURES

- Switchboard not needed.
- Easy and safe installation (low voltage device).
- Protection against short circuits.
- Double temperature safety feature.
- Control for up to 100 ballasts.
- Output displayed as W or %.
- Auto shutdown at desired temperature setting.

Performance	
Input voltage	5V DC
Select ballast type	400 W / 600 W / 630 W / 1000 W / CUSTOM
Set output level	50-115%
Outputs	2
Temperature sensors	2
Number of ballasts per output	100
External controller modules	2 optional

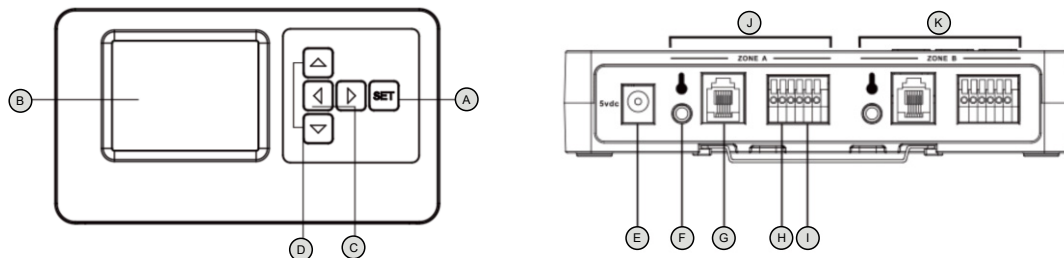
Dimension		
Case Length	152 mm	5.98"
Case Width	85 mm	3.35"
Height	32 mm	1.26"
Weight	210 g	0.46 lb

SETTING STEPS



1	Long press [SET] to show cursor
2	Press ◀ or ▶ and move the cursor where it needs to be set
3	Press ▲ or ▼ to change value
4	Repeat step 2 and 3 to change other values
5	Press [SET] to save and exit
6	“√” = timing is effective, and “x” = timing is ineffective

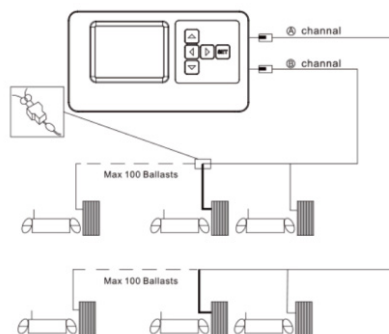
CONTROLLERS



Key	Function		
(A)	Set	To get cursor (long press) / Confirm (short press)	(F) 3.5 mm jack aux temperature sensor
(B)	Display	Display status and controller menu	(G) RJ11 aux port for controlling up to 100 ballasts
(C)	Right / Left	Move cursor	(H) Relay switch controlled by temperature sensor
(D)	Up / Down	Change the Value	(I) Relay switch controlled by humidity sensor
(E)	5 V DC input		(J) Zone A
			(K) Zone B, same functions as Zone A

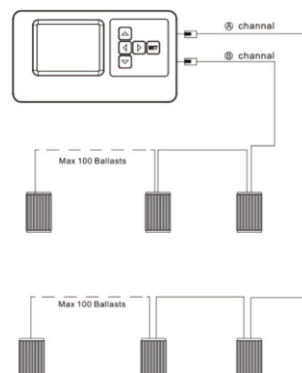
CONNECTING THE CONTROLLER TO EXISTING BALLASTS

1	Switch the rotary knob on all ballasts to "EXT."
2	Plug the RJ11 end of the provided controller cable into the RJ11 main port of the controller.
3	Plug the RJ11 end of the controller cable(s) into the input of a RJ11 splitter. Use an interconnect cable to connect one output of the RJ11 splitter to the RJ11 port of the ballast.
4	Use an interconnect cable to connect one output of the RJ11 splitter to the input of the following RJ11 splitter.
5	Repeat this process to connect up to 100 ballasts.



CONNECTING THE CONTROLLER TO REMOTE BALLASTS

1	Switch the rotary knob on all ballasts to "EXT"
2	Plug the RJ11 end of the provided controller cable into the RJ11 main port of the controller
3	Plug the RJ11 end of the controller cable(s) into one of the two RJ11 ports of the first ballast
4	Connect the remote ballast to the next ballast in line using an interconnect cable with RJ11 plugs. Up to 100 ballasts may be daisy chained this way.





To Accomplish More With Less

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