

Spectrum-Y Wireless No. 70



Spectrum-Y Wireless No. 5



Spectrum-Y Wireless No. 4



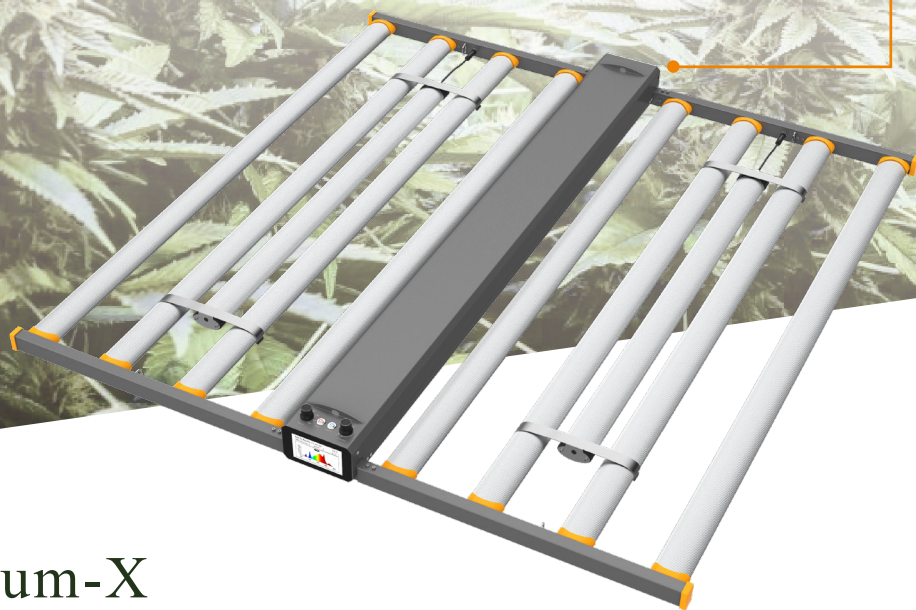
Spectrum-Y Wireless No. 1



Spectrum-Y Wireless No. 2



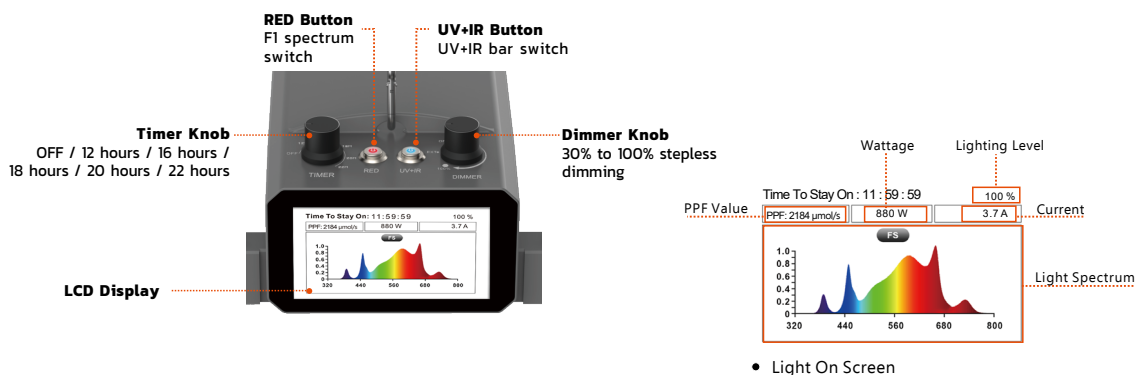
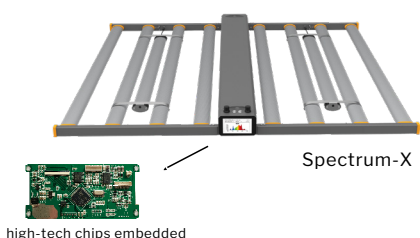
Spectrum-Y Wireless No. 3



Spectrum-X Spectrum-Y Wireless



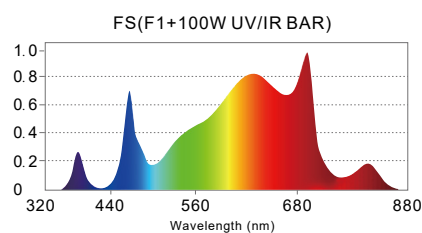
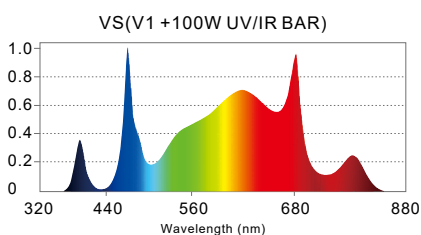
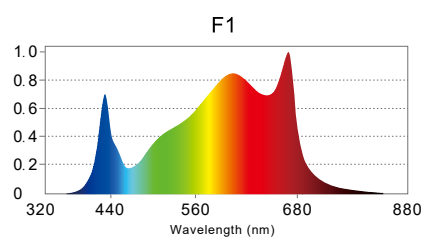
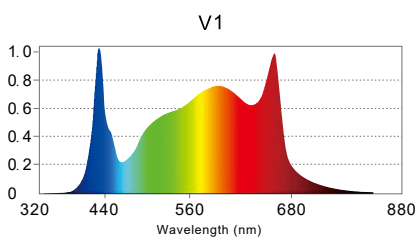
Medic Grow Spectrum-X is the lighting solution for indoor growing, vertical farming, and large-scale horticulture. It delivers excellent results from seed to flower at a lower price than many other LEDs on the market. The built-in control system enables you to monitor and adjust all the lighting factors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



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 µmol/J @ 277 V AC		2.7 µmol/J @ 277 V AC		
Light Output PPF	2016 µmol/s	2184 µmol/s	2016 µmol/s	2184 µmol/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"x44.88"x2.75" L-1080 x W-1140 x H-70 mm		3150" x 7.62" x 119" L-800xW-1936xH-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)	≤ 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		≥ 90 %	
AC Current	6.12 A	3.0 A	2.79 A
AC Power	720 W ± 5%		

Model	780 W F1 SPECTRUM		
AC Voltage	120 V	240 V	277 V
Power Factor		≥ 90%	
AC Current	6.5 A	3.3 A	2.8 A
AC Power	780 W ± 5%		

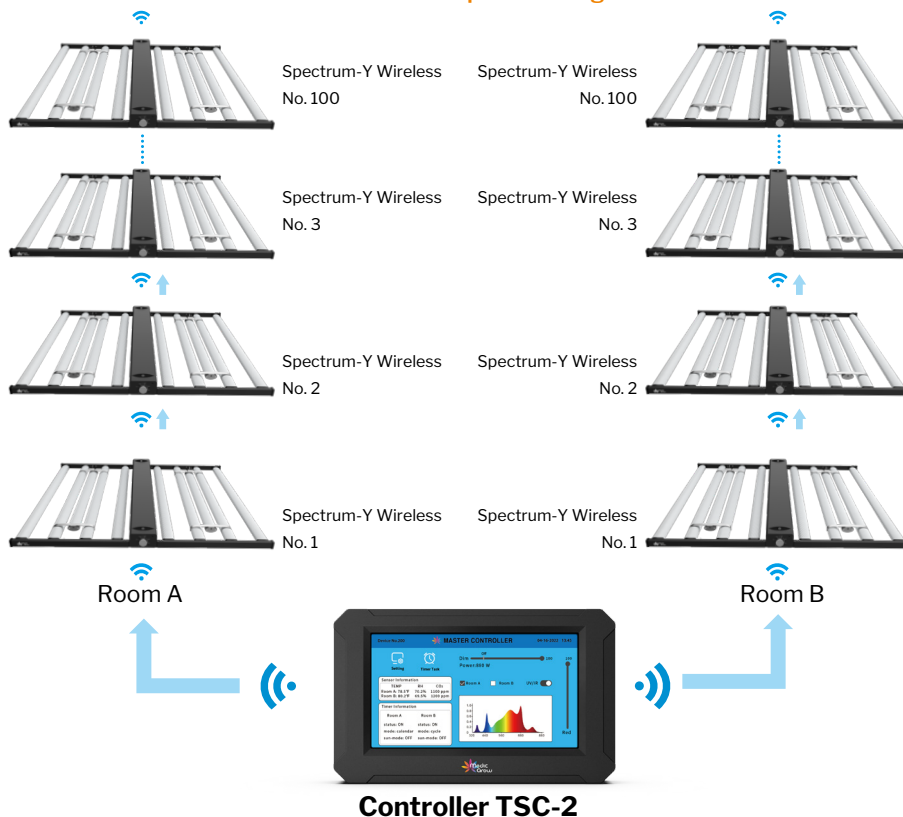
Model	820 W VS SPECTRUM		
AC Voltage	120 V	240 V	277 V
Power Factor		≥ 90%	
AC Current	6.8 A	3.4 A	3.0 A
AC Power	820 W ± 5%		

Model	880 W FS SPECTRUM		
AC Voltage	120 V	240 V	277 V
Power Factor		≥ 90%	
AC Current	7.3 A	3.7 A	3.2 A
AC Power	880 W ± 5%		

CONTROL METHOD

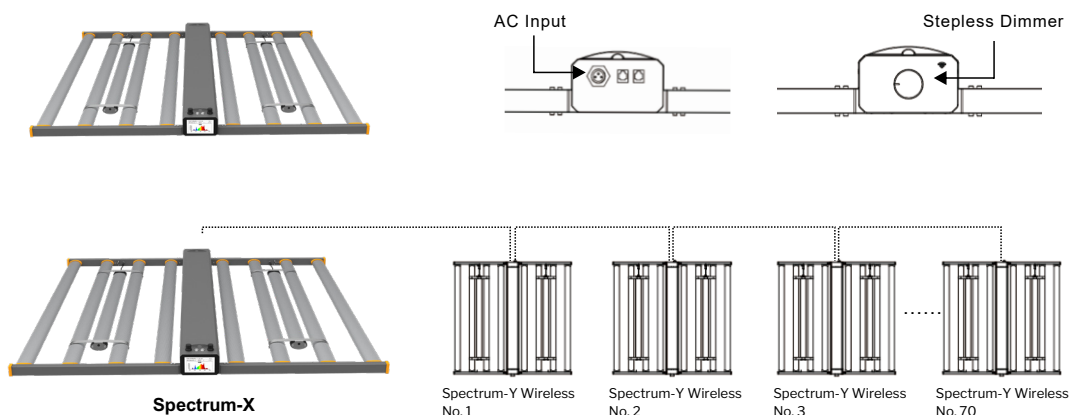
WIRELESS CONTROL

One Controller Controls Up To 200 Light Fixtures



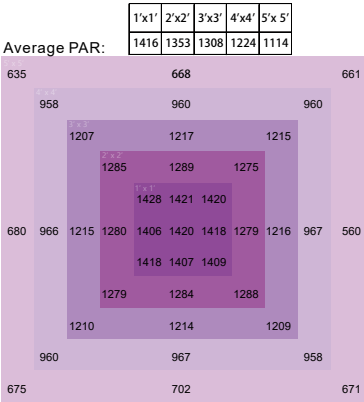
WIRED CONTROL

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

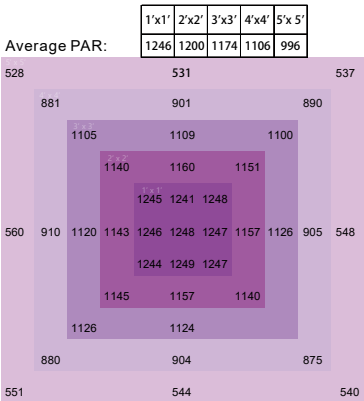


PPFD (PAR MAP)

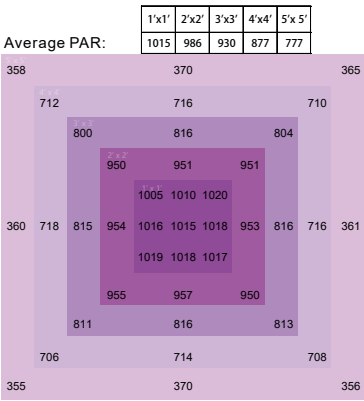
2.8 μ mol/J Draw Power : 720 W 5'X5' Grid



Height=6" / 152 mm
720 W V1 2.8 μ mol/J

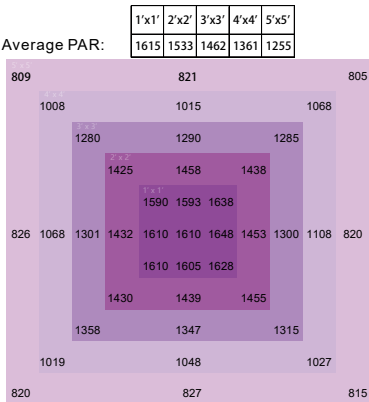


Height=12" / 305 mm
720 W V1 2.8 μ mol/J

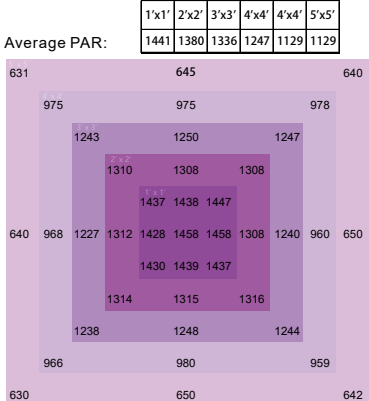


Height=24" / 609 mm
720 W V1 2.8 μ mol/J

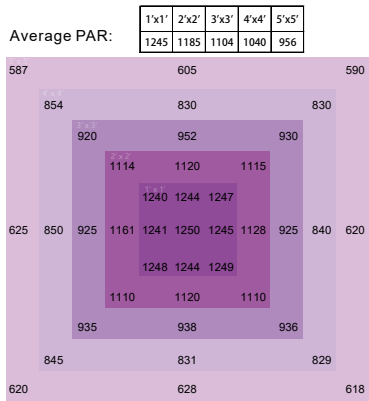
2.8 μ mol/J Draw Power : 780 W 5'X5' Grid



Height=6" / 152 mm
780 W F1 2.8 μ mol/J

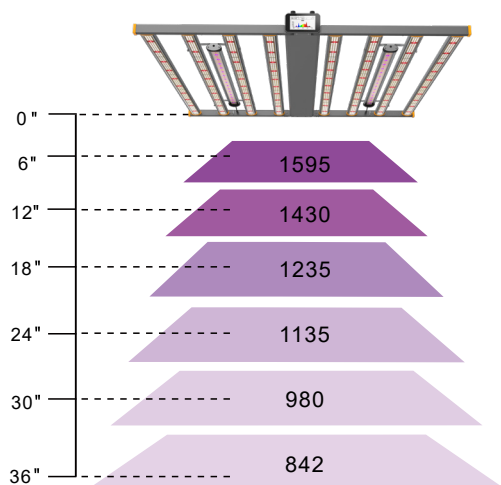


Height=12" / 305 mm
780 W F1 2.8 μ mol/J

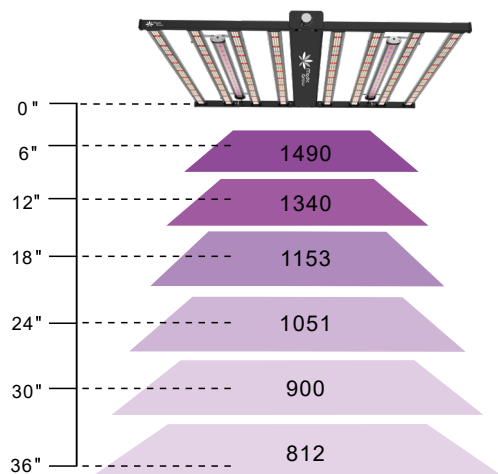


Height=24" / 609 mm
780 W F1 2.8 μ mol/J

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

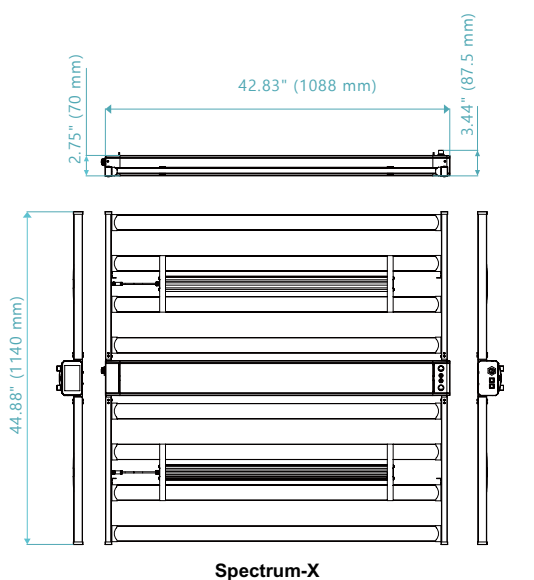


Spectrum-X
780 W F1 Spectrum 2.8 $\mu\text{mol}/\text{J}$

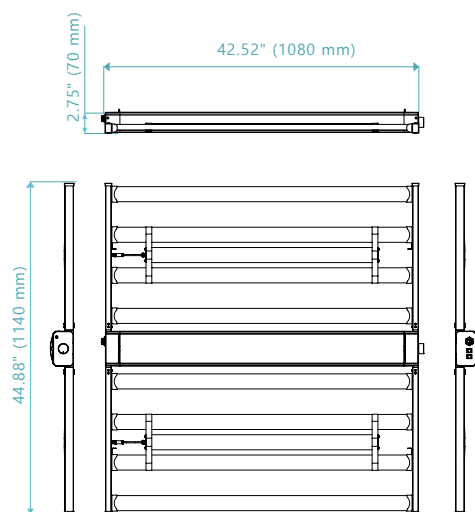


Spectrum-Y Wireless
720 W V1 Spectrum 2.8 $\mu\text{mol}/\text{J}$

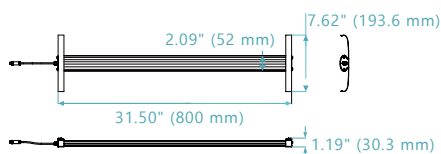
DIMENSIONS



Spectrum-X



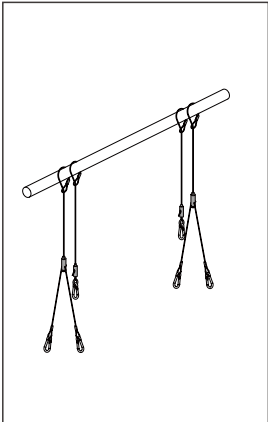
Spectrum-Y Wireless



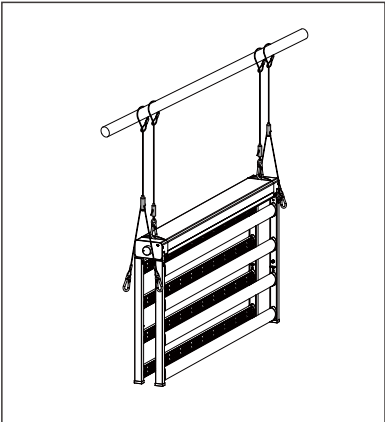
UV / IR Bar

EASY INSTALLATION

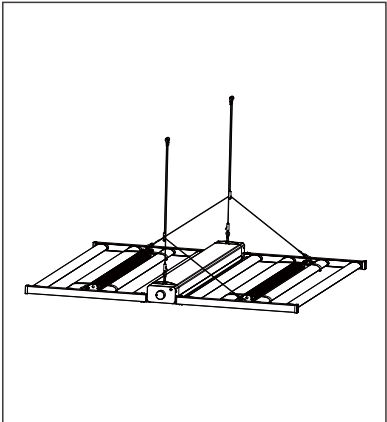
The creative design of the mechanism offers you the most time-saving and convenient way to install the light.



• Hang the steel cables.



• Hang the driver box of light fixture.

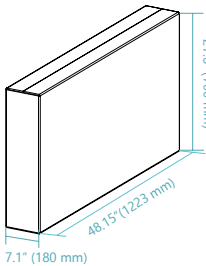


• Unfold the light fixture to 180° horizontal position, and hang the other cables on each side.

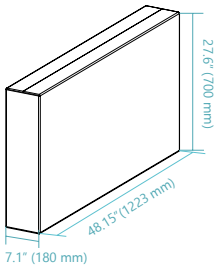
PACKING INFORMATION

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

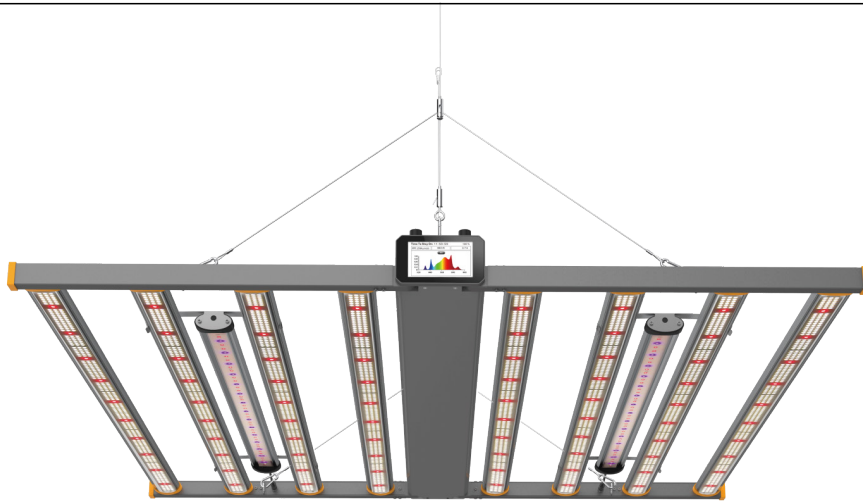


Spectrum-X Box

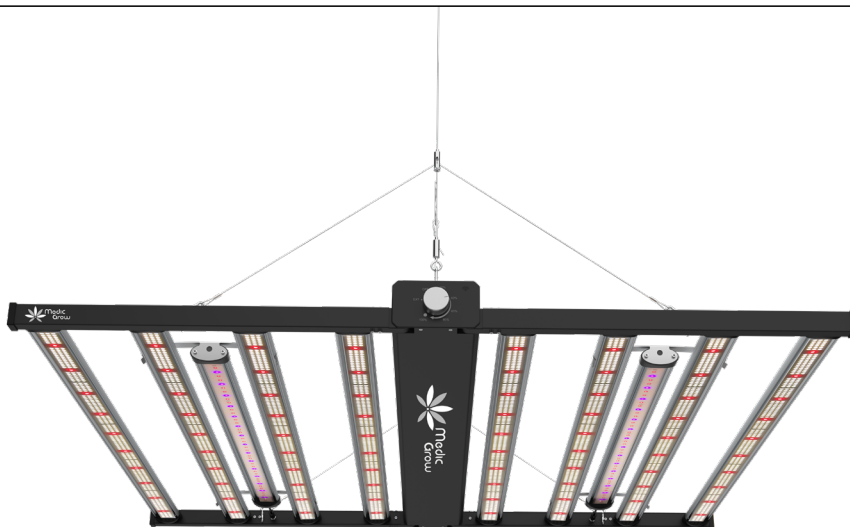


Spectrum-Y Wireless Box

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