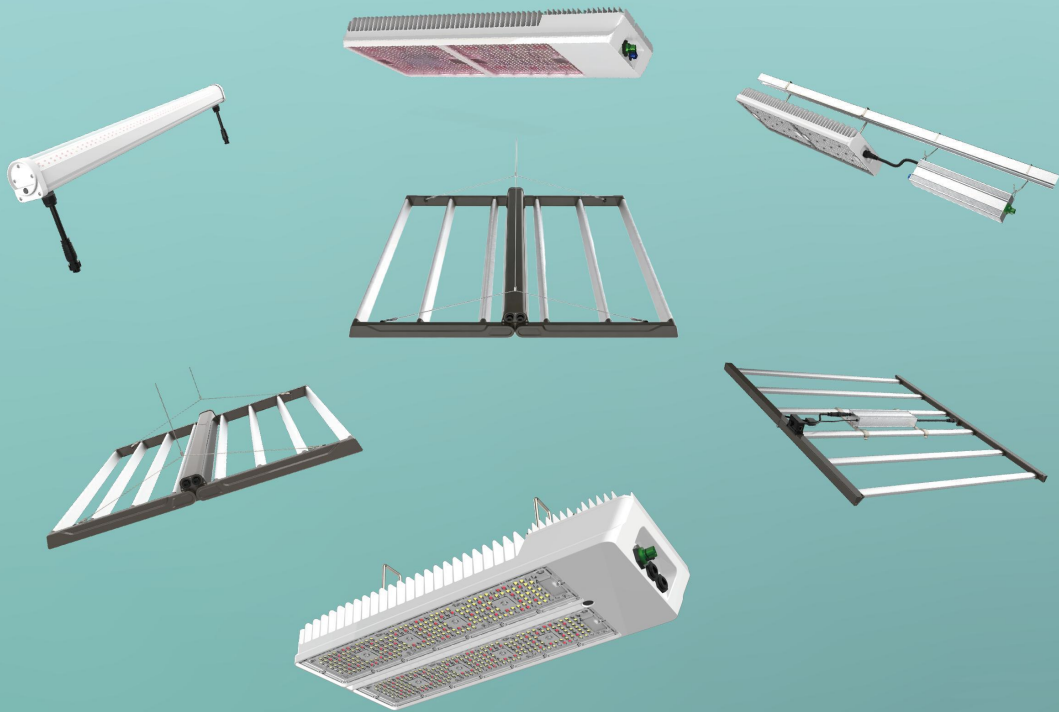


Lion AGRITECH

Product Catalog 2026



Light Series | Foldable Series | Under Canopy Series

Ignite Life's Potential-Propel a Sustainable World

Top Light Series

MT-TP-XB -----	347-400V, 760W, PPE=3.6, Single/Dual Channel, Supplemental Light.....	P03
MT-TP-XBH-----	347-400V, 760W, PPE=3.8, Single/Dual Channel, Supplemental Light.....	P03
MT-TP-XC -----	347-400V, 1100W, PPE=3.5, Single/Dual Channel, Supplemental Light.....	P05
MT-TP-XF -----	208-480V, 660W, PPE=3.1, Single/Dual Channel, Full Spectrum.....	P07
MT-TP-XJ -----	208-480V, 1200W, PPE=3.8, Single/Dual/Four Channels.....	P09
MT-TP-XH -----	208-480V, 1400W, PPE=3.8, Single/Dual/Four Channels.....	P11

Foldable Light Series

MT-XM-650 -----	208-480V, 650W, PPE=3.0, Full Spectrum, Driver Separation.....	P13
MT-XM-780 -----	208-480V, 780W, PPE=3.1, Full Spectrum, Driver Separation.....	P13
MT-XMI-650 -----	208-480V, 650W, PPE=3.0, Full Spectrum, Built-in Driver.....	P15
MT-XMI-780 -----	208-480V, 650W, PPE=3.1, Full Spectrum, Built-in Driver.....	P15

Interlight Series

MT-IL-70W-----	200-400V, 4ft, 70W, PPE=3.8, Supplemental Light	P17
MT-IL-140W -----	200-400V, 8ft, 140W, PPE=3.8, Supplemental Light.....	P17

Under Canopy Series

MT-UC-150 -----	120-277V, 4ft, 150W, PPE=3.0, Supplemental Light.....	P19
MT-UC-120 -----	120-277V, 4ft, 120W, PPE=3.0, Supplemental Light.....	P19
MT-UC-100 -----	120-277V, 4ft, 100W, PPE=3.0, Supplemental Light.....	P19



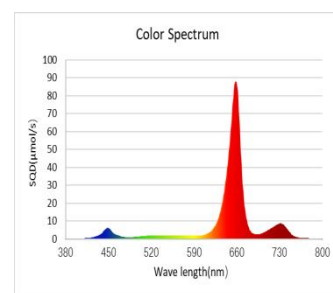
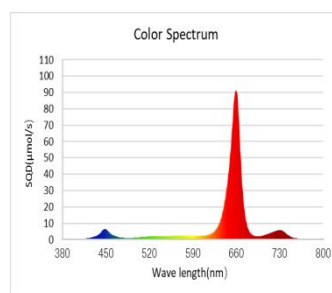
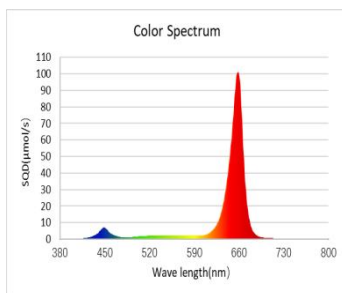
Quick Specifications

- Voltage: 347-400 V
- Frequency: 50/60 Hz
- Watts: 760 W
- Current at 347 V: 2.3 A
- Current at 400 V: 2.0 A
- Power factor > 0.95
- Max Ambient Temp: 40 °C
- High uniformity of illumination
- Q90 lifetime exceeds 50,000 hrs
- More efficient and stable wireless connection
- Integrated design, compact structure with efficient heat emission
- Weight: 9.5 kg / 21.02 lb

Certification



Spectral Distribution

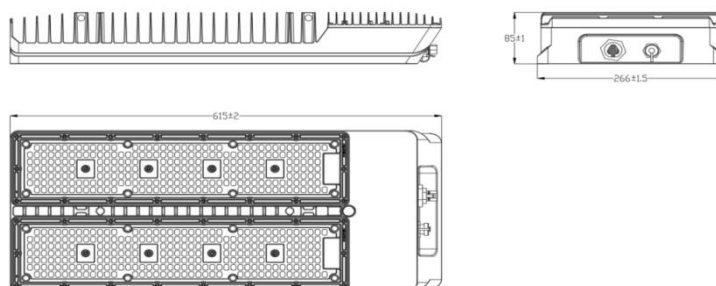


Product Specifications

Model	Growth Spectrum	Beam Angle	Input Voltage, V	PPF $\mu\text{mol/s}$	PPE $\mu\text{mol/J}$	Input Watts	IP Rating	Control
MT-TP-XB	R90G5B5	130°	347-400	2750	3.6	760	IP66	Wireless
	FR5R85G5B5	130°	347-400	2650	3.5	760	IP66	Wireless
	R90G5B5/FR10	130°	347-400	2650	3.5	760	IP66	Wireless
MT-TP-XBHE	R90G5B5	130°	347-400	2850	3.8	760	IP66	Wireless
	FR5R85G5B5	130°	347-400	2850	3.8	760	IP66	Wireless
	R90G5B5/FR10	130°	347-400	2850	3.8	760	IP66	Wireless

*B = Blue, G = Green, R = Red, FR = Far Red

Dimensions



Packaging Information

Model	Carton Size	N.W per carton	G.W per carton	Quantity per pallet	40'GP
MT-TP-XB / MT-TP-XBHE	625*267*95 mm	9.5 kg / 21.02 lb	10.3 kg / 22.71 lb	90 PCS	1800 PCS



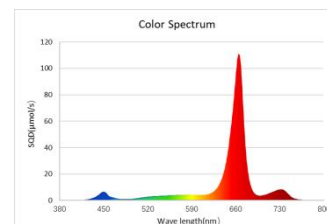
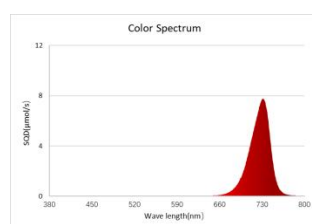
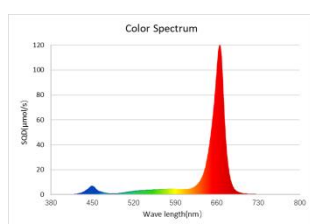
Quick Specifications

- Voltage: 347-400 V
- Frequency: 50/60 Hz
- Watts: 1100 W
- Current at 347 V: 3.33 A
- Current at 400 V: 2.89 A
- Power factor > 0.95
- Max Ambient Temp: 40 °C
- High uniformity of illumination
- Q90 lifetime exceeds 50,000 hrs
- More efficient and stable wireless connection
- Integrated design, compact structure with efficient heat emission
- Weight: 14.2 kg / 31.31 lb

Certification



Spectral Distribution

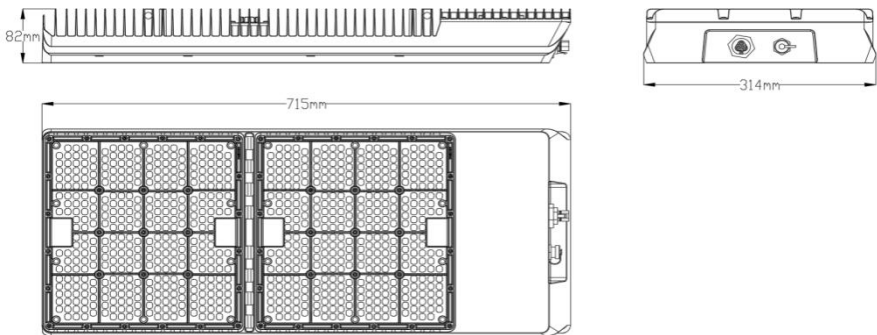


Product Specifications

Model	Growth Spectrum	Beam Angle	Input Voltage, V	PPF $\mu\text{mol/s}$	PPE $\mu\text{mol/J}$	Input Watts	IP Rating	Control
MT-TP-XC	R90G5B5	130°	347-400	3900	3.55	1100	IP66	Wireless
	FR	130°	347-400	375	3.45	112	IP66	Wireless
	R78G9B5/FR8	130°	347-400	3850	3.5	1100	IP66	Wireless

*B = Blue, G = Green, R = Red, FR = Far Red

Dimensions



Packaging Information

Model	Carton Size	N.W per carton	G.W per carton	Quantity per pallet	40'GP
MT-TP-XC	725*324*92 mm	14.2 kg / 31.31 lb	14.9 kg / 32.85 lb	73 PCS	1460 PCS



Quick Specifications

- Voltage: 208-480 V
- Frequency: 50/60 Hz
- Watts: 660 W
- Current at 208 V: 3.34 A
- Current at 277 V: 2.51 A
- Current at 347 V: 2.0 A
- Current at 480 V: 1.44 A
- Power factor > 0.95
- High uniformity of illumination
- Q90 lifetime exceeds 50,000 hrs
- Precise light spectrum
- Integrated design, compact structure with efficient heat emission
- Max Ambient Temp: 40 °C
- Weight: 9.5 kg / 21.02 lb

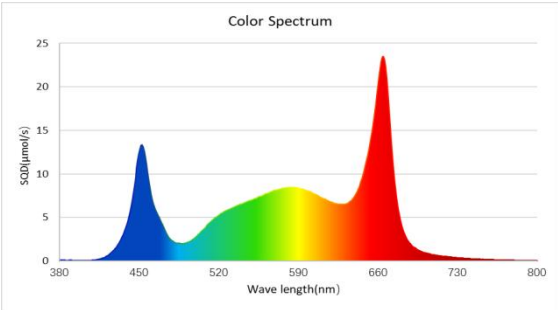
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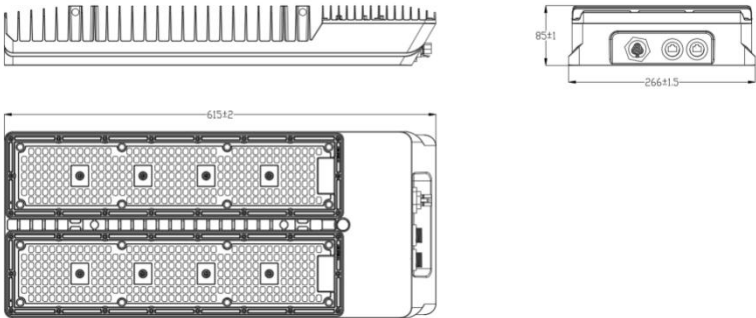
Product Specifications

Model	Growth Spectrum	Beam Angle	Input Voltage, V	PPF $\mu\text{mol/s}$	PPE $\mu\text{mol/J}$	Input Watts	IP Rating	Control
MT-TP-XF	Full Spectrum	130°	208-480	2050	3.1	660	IP66	Wired

Spectral Distribution



Dimensions



Packaging Information

Model	Carton Size	N.W per carton	G.W per carton	Quantity per pallet	40'GP
MT-TP-XC	625*267*95 mm	9.5 kg / 21.02 lb	10.3 kg / 22.71 lb	90 PCS	1800 PCS



Quick Specifications

- Voltage: 208-480 V
- Frequency: 50/60 Hz
- Watts: 1200 W
- Current at 208 V: 6.07 A
- Current at 277 V: 4.56 A
- Current at 347 V: 3.64 A
- Current at 480 V: 2.63 A
- Power factor > 0.95
- High uniformity of illumination
- Q90 lifetime exceeds 50,000 hrs
- More efficient and stable wireless connection
- Compact structure with efficient heat emission
- Easy to install and maintain
- Max Ambient Temp: 40 °C
- Weight-Light: 9.2 kg / 20.28 lb
- Weight-Driver: 3.2 kg / 7.05 lb

Product Specifications

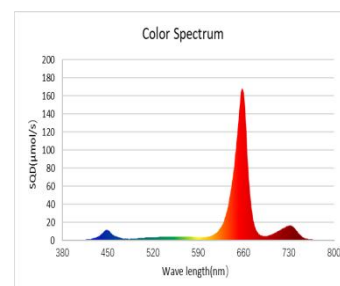
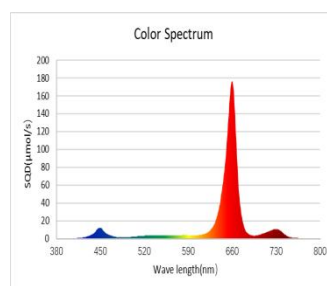
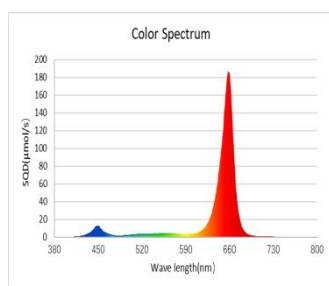
Model	Growth Spectrum	Beam Angle	Input Voltage, V	PPF $\mu\text{mol/s}$	PPE $\mu\text{mol/J}$	Input Watts	IP Rating	Control
MT-TP-XJ	R90G5B5	130°	208-480	4550	3.8	1200	IP66	Wireless
	FR	130°	208-480	4500	3.75	1200	IP66	Wireless
	R90G5B5/FR10	130°	208-480	4550	3.8	1200	IP66	Wireless

*B = Blue, G = Green, R = Red, FR = Far Red

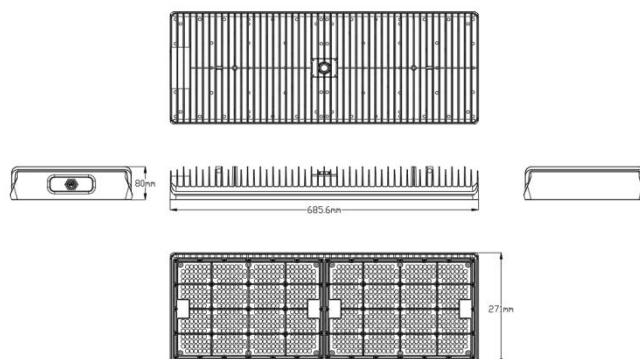
Certification



Spectral Distribution



Dimensions



Packaging Information

Model	Carton Size	N.W per carton	G.W per carton	Quantity per pallet	40'GP
MT-TP-XJ Light	695*280*90 mm	9.2 kg / 20.28 lb	10 kg / 22.05 lb	79 PCS	1580 PCS
MT-TP-XJ Driver	704*285*96 mm	32 kg / 70.55 lb (10 PCS)	33 kg / 72.75 lb (10 PCS)	394 PCS	7870 PCS



Quick Specifications

- Voltage: 208-480 V
- Frequency: 50/60 Hz
- Watts: 1400 W
- Current at 208 V: 7.08 A
- Current at 277 V: 5.32 A
- Current at 347 V: 4.24 A
- Current at 480 V: 3.07 A
- Power factor > 0.95
- High uniformity of illumination
- Q90 lifetime exceeds 50,000 hrs
- More efficient and stable wireless connection
- Compact structure with efficient heat emission
- Easy to install and maintain
- Max Ambient Temp: 40 °C
- Weight-Light: 11.85 kg / 26.12 lb
- Weight-Driver: 5.7 kg / 12.57 lb

Product Specifications

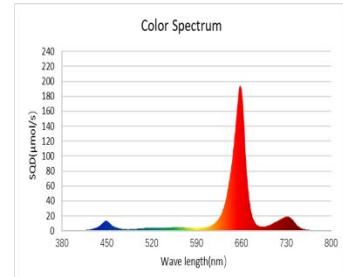
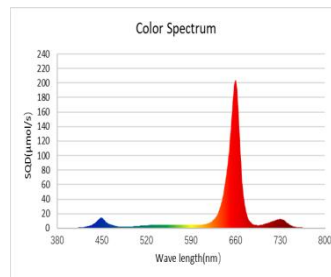
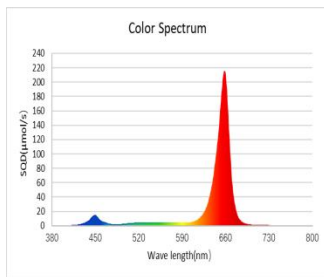
Model	Growth Spectrum	Beam Angle	Input Voltage, V	PPF $\mu\text{mol/s}$	PPE $\mu\text{mol/J}$	Input Watts	IP Rating	Control
MT-TP-XH	R90G5B5	130°	208-480V	5300	3.8	1400W	IP66	Wireless
	FR5R85G5B5	130°	208-480V	5200	3.75	1400W	IP66	Wireless
	R90G5B5/FR10	130°	208-480V	5300	3.8	1400W	IP66	Wireless

*B = Blue, G = Green, R = Red, FR = Far Red

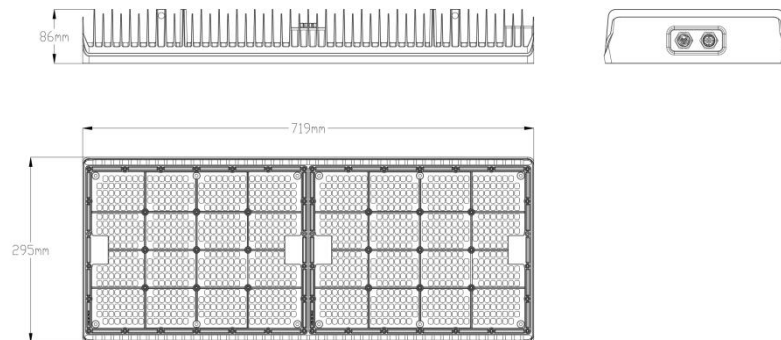
Certification



Spectral Distribution

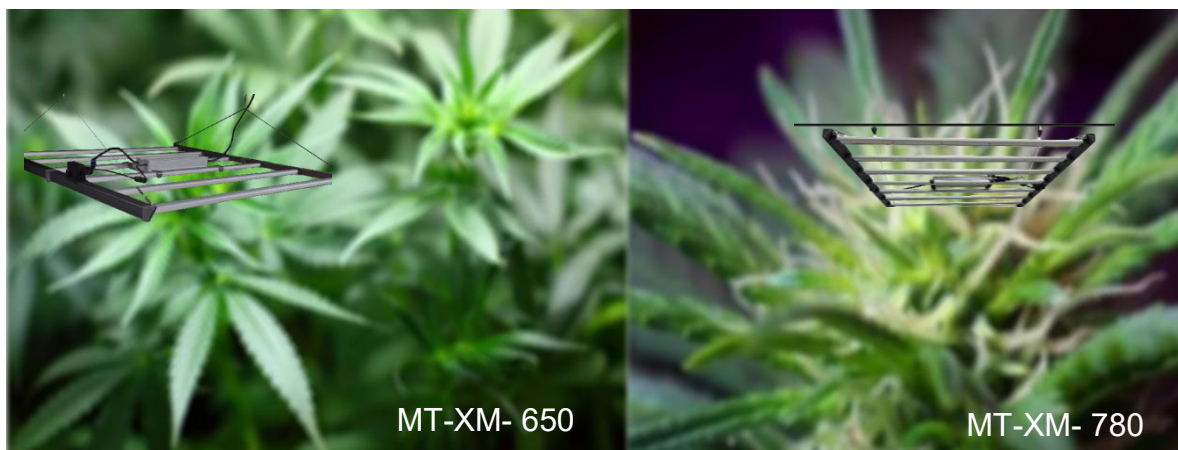


Dimensions



Packaging Information

Model	Carton Size	N.W per carton	G.W per carton	Quantity per pallet	40'GP
MT-TP-XH Light	729*304*94 mm	11.85 kg / 26.12 lb	12.6kg / 27.78 lb	73 PCS	1460 PCS
MT-TP-XH Driver	810*663*62 mm	28.5 kg/62.83 lb (5 PCS)	29.5 kg / 65.04 lb (5 PCS)	217 PCS	4333 PCS



Quick Specifications

- Voltage: 208-480 V
- Frequency: 50/60 Hz
- Watts: 650 W | 780 W
- Current at 208 V: 3.28 A | 3.94 A
- Current at 277 V: 2.47 A | 2.96 A
- Current at 347 V: 1.97 A | 2.36 A
- Current at 480 V: 1.42 A | 1.71 A
- Power factor > 0.95
- Patented LED & isolated drivers
- Prevention of sulfidation & chemical pollution
- Easy to install and maintain
- Q90 lifetime exceeds 50,000 hrs
- Low heat emission
- Foldable, compact in size
- Precise light spectrum
- Weight: 7.25 kg / 16 lb | 8.25 kg / 18.18 lb

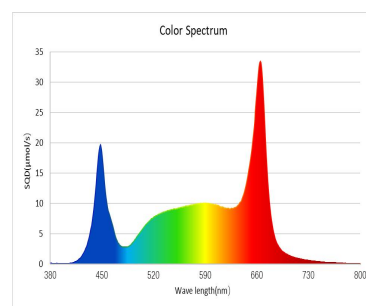
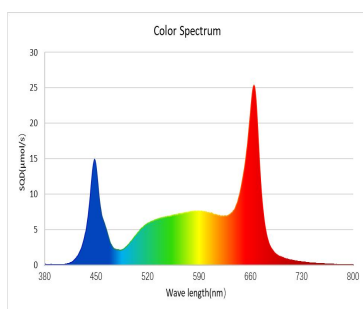
Product Specifications

Model	Growth Spectrum	Beam Angle	Input Voltage, V	PPF $\mu\text{mol/s}$	PPE $\mu\text{mol/J}$	Input Watts	IP Rating	Control
MT-XM-650	Full Spectrum	120°	208-480	1950	3.0	650	IP66	Wired
MT-XM-780	Full Spectrum	120°	208-480	2400	3.1	780	IP66	Wired

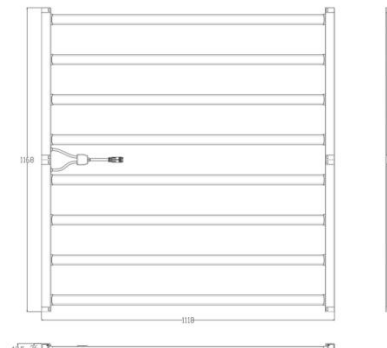
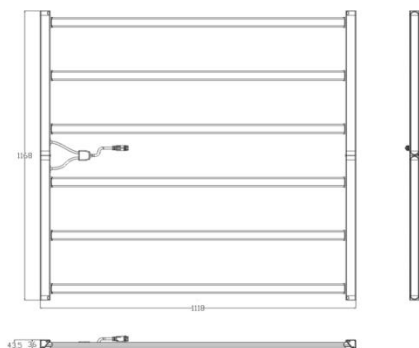
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Spectral Distribution



Dimensions



Packaging Information

Model	Carton Size	N.W per carton	G.W per carton	Quantity per pallet	40'GP
MT-XM-650	1180*1120*54 mm	7.25 kg / 16 lb	8.5 kg / 18.74 lb	36 PCS	720 PCS
MT-XM-780	1180*1120*54 mm	8.25 kg / 18.18 lb	9.5 kg / 20.97 lb	36 PCS	720 PCS



Quick Specifications

- Voltage: 208-480 V
- Frequency: 50/60 Hz
- Watts: 650 W | 780 W
- Current at 208 V: 3.28 A | 3.94 A
- Current at 277 V: 2.47 A | 2.96 A
- Current at 347 V: 1.97 A | 2.36 A
- Current at 480 V: 1.42 A | 1.71 A
- Power factor > 0.95
- Patented LED & isolated drivers
- Prevention of sulfidation & chemical pollution
- Easy to install and maintain
- Q90 lifetime exceeds 50,000 hrs
- Low heat emission
- Foldable, compact in size
- Precise light spectrum
- Weight: 10.8 kg / 23.81 lb | 11.8 kg / 26.018 lb

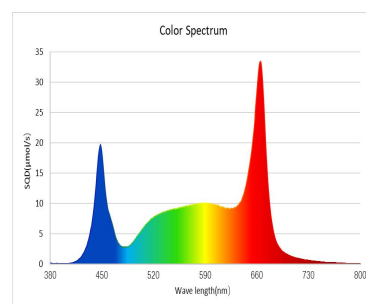
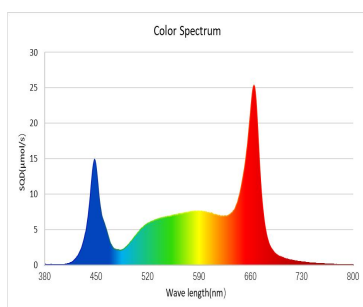
Product Specifications

Model	Growth Spectrum	Beam Angle	Input Voltage, V	PPF $\mu\text{mol/s}$	PPE $\mu\text{mol/J}$	Input Watts	IP Rating	Control
MT-XMI-650	Full Spectrum	120°	208-480	1950	3.0	650	IP66	Wired
MT-XMI-780	Full Spectrum	120°	208-480	2400	3.1	780	IP66	Wired

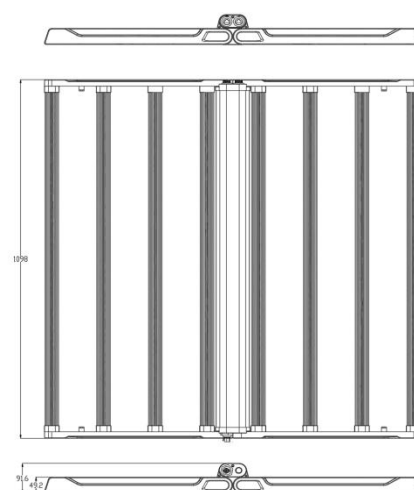
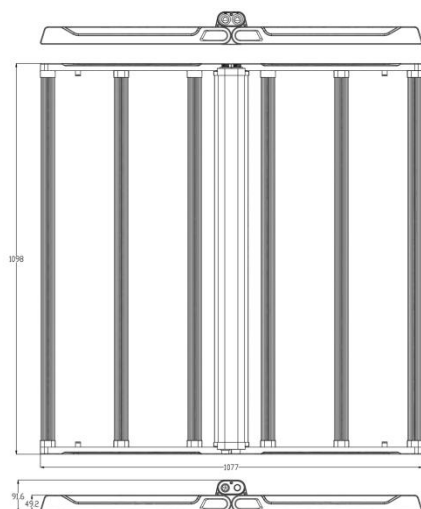
Certification



Spectral Distribution



Dimensions



Packaging Information

Model	Carton Size	N.W per carton	G.W per carton	Quantity per pallet	40'GP
MT-XMI-650	1110*98*546 mm	10.8 kg / 23.81 lb	11.3 kg / 24.91 lb	36 PCS	720 PCS
MT-XMI-780	1110*98*546 mm	11.8 kg / 26.01 lb	12.3 kg / 27.12 lb	36 PCS	720 PCS



Product Specifications

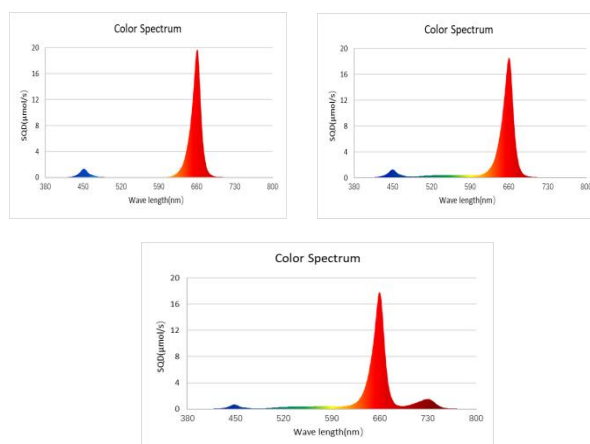
Model	Growth Spectrum	Beam Angle	Input Voltage, V	PPF $\mu\text{mol/s}$	PPE $\mu\text{mol/J}$	Input Watts	IP Rating	Control
MT-IL-70W	BGRFR	300°	200-400V	260	3.7	70W	IP66	Non-Dimmable
	BGR	300°	200-400V	265	3.8	70W	IP66	
	BR	300°	200-400V	265	3.8	70W	IP66	
MT-IL-140W	BGRFR	300°	200-400V	520	3.7	140W	IP66	Non-Dimmable
	BGR	300°	200-400V	530	3.8	140W	IP66	
	BR	300°	200-400V	530	3.8	140W	IP66	

*B = Blue, G = Green, R = Red, FR = Far Red

Quick Specifications

- Fixed spectrum
- Power factor > 0.98
- Low heat radiation
- Easy to install and maintain
- Passive cooling
- Q90 lifetime exceeds 50,000 hrs
- Precise light spectrum
- Max Ambient Temp: 40 °C

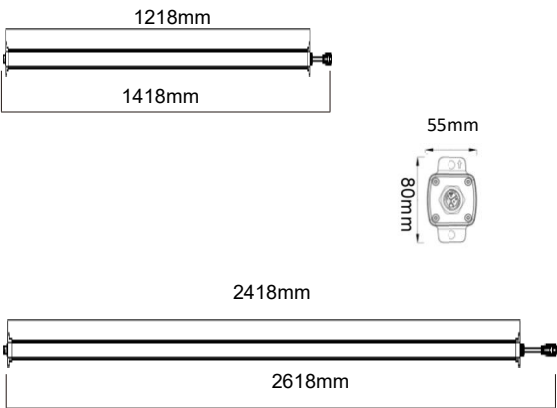
Spectral Distribution



Certification



Dimensions



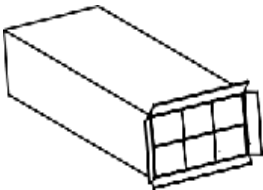
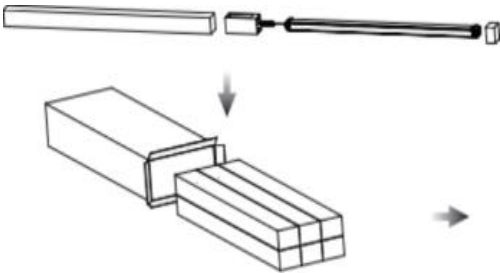
Mounting



 VOLTAGE:	200V	230V	347V	400V
 CURRENT:	0.7A	0.6A	0.4A	0.35A
Max No. Fixtures Power Daisy Chain:	42 PCS	50 PCS	75 PCS	85 PCS

Packaging Information

Model	Carton Size	N.W per carton (6 PCS)	G.W per carton	Quantity per pallet	40'GP
MT-IL-70W	1425*248*196 mm	9.5 kg / 20.94 lb	11 kg / 24.25 lb	574 PCS	4588 PCS
MT-IL-140W	2628*279*168 mm	15.5 kg / 34 lb	17.5 kg / 38.58 lb	568 PCS	2560 PCS





Quick Specifications

- Voltage: 120-277 V
- Frequency: 50/60 Hz
- Watts: 150 W | 120 W | 100 W
- Current at 120 V: 1.32 A | 1.05 A | 0.88 A
- Current at 277 V: 0.57 A | 0.45 A | 0.38 A
- Power factor > 0.9
- Patented LED & isolated drivers
- Easy to install and maintain
- Q90 lifetime exceeds 50,000 hrs
- Low heat emission
- Max Ambient Temp: 40 °C
- Dimensions: 48*2.76*3.15 in

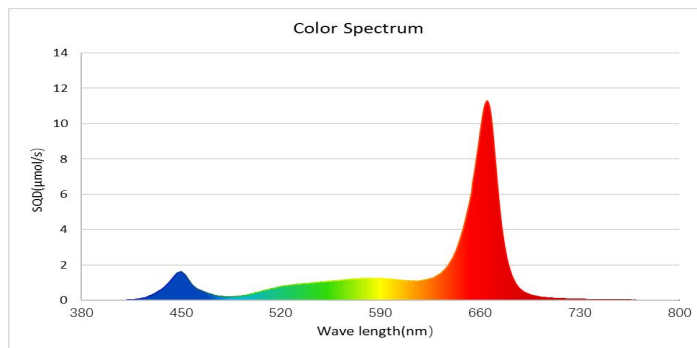
Product Specifications

Model	Growth Spectrum	Beam Angle	Input Voltage, V	PPF $\mu\text{mol/s}$	PPE $\mu\text{mol/J}$	Input Watts	IP Rating	Control
MT-UC-150	Fixed spectrum	155°	120-277	450	3.0	150	IP66	0-10V
MT-UC-120	Fixed spectrum	155°	120-277	360	3.0	120	IP66	0-10V
MT-UC-100	Fixed spectrum	155°	120-277	300	3.0	100	IP66	0-10V

Certification



Spectral Distribution



Dimensions



Mounting



VOLTAGE:	120V	240V	277V
CURRENT:	1.32A 1.05A 0.88A	0.66A 0.52A 0.44A	0.57A 0.45A 0.38A
Max No. Fixtures Power Daisy Chain:	15 PCS 19 PCS 22 PCS	30 PCS 38 PCS 45 PCS	35 PCS 44 PCS 52 PCS

Packaging Information

Model	Carton Size	N.W per carton	G.W per carton	Quantity per pallet	40'GP
MT-UC-150	1210*78*88 mm	2.45 kg / 5.40 lb	2.8 kg / 6.17 lb	2.45 kg / 5.40 lb	3528 PCS
MT-UC-120	1210*78*88 mm	2.45 kg / 5.40 lb	2.8 kg / 6.17 lb	2.45 kg / 5.40 lb	3528 PCS
MT-UC-100	1210*78*88 mm	2.3 kg / 5.07 lb	2.65 kg / 5.84 lb	2.3 kg / 5.07 lb	3528 PCS