



**MODEL:** ILOGIC MS PLUS

**WATTS** 1050W

**VOLTAGE:** 100 - 277V

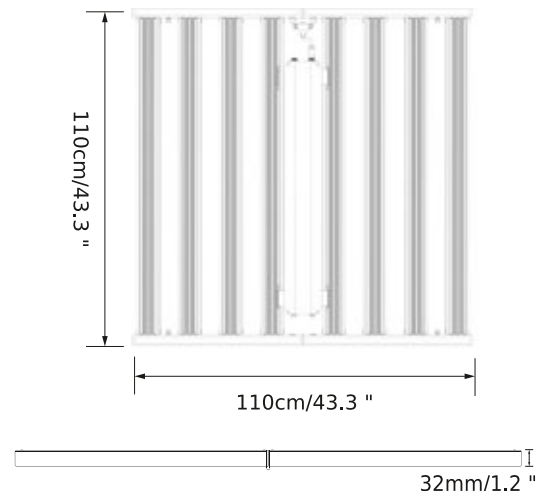
**SKU** IL-L1050MS

**TECHNICAL SPECS**

Rated Voltage	100 - 277V
Power Consump	1050W ± 5%
Power Supply	Sosen LED Drivers
ePAR - PPF	3483 μmol/s
ePAR Efficacy - Efficacy	3.05 μmol/J
LED Spectrum	Full Spectrum + UV + FR
Min Power Factor - Power Factor	>0.9
THD	< 10%
Crest Factor	< 10%
BTU	3500
Frequency	60Hz
Dimming	0 - 100% dimming via RS485
Ambient Temperature - Working	0°C - 35°C / 32° - 95°F
Color Temperature	4000K
Color Rendering Index	85
Relative Humidity	<90%
Emitting Cooling	Aluminum heatsink
Light Distribution - Beam Angle	120 Degree
Waterproof Rating	IP65
LED Lifespan (90% of Life)	50000 hours
Daisy Chain	Max. 256 LED fixtures for output A and output B individually
Light Source	Samsung LM281B+ Pro * 3640pcs   Honglitrionic SMD3535 660nm * 280pcs   Honglitrionic SMD3030 (UV) * 192pcs   Honglitrionic SMD2835 (FR) * 192pcs

**PHYSICAL SPECIFICATIONS**

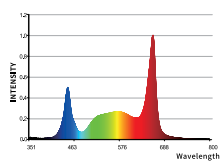
Height 75mm / 2.9"  
 Weight - N.W./G.W. 15kg / 17kg | 33lbs / 37.4lbs  
 Package Size 1130\*625\*85mm / 44.5\*24.6\*3.3"



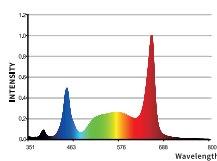
**VOLTAGE AND AMPERAGE**

Voltage 120V 208V 220V 240V 277V  
 Amperage 8.75A 5.05A 4.78A 4.38A 3.79A

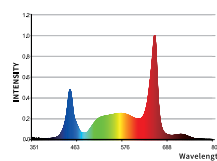
**SPECTRUM**



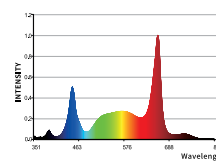
Full Spectrum 100% ON.



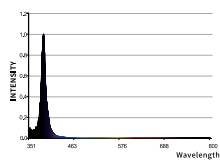
Full Spectrum ON 100% + UV 100% ON.



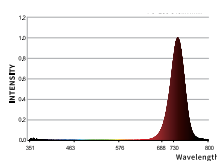
Full Spectrum 100% ON + FR 100% ON.



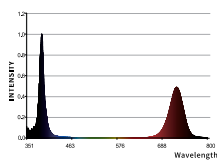
Full Spectrum 100% ON + UV 100% ON + FR 100% ON.



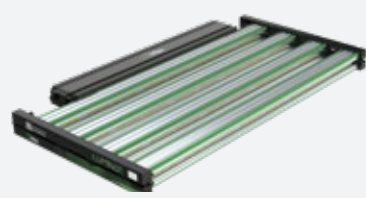
UV 100% ON.



FR 100% ON.



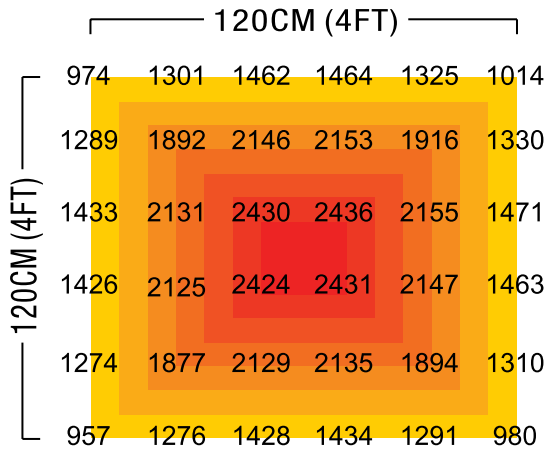
UV 100% ON + FR 100% ON.



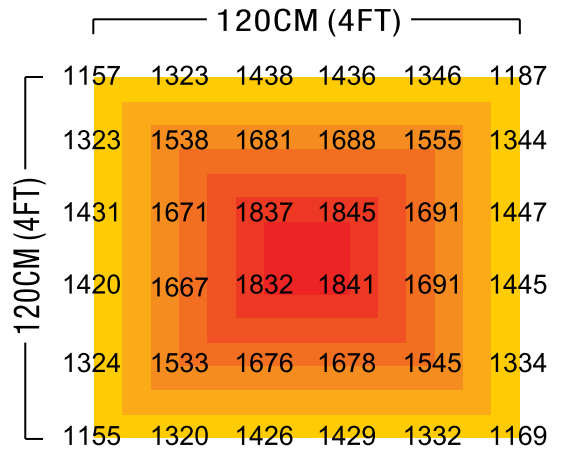
**!** This commercial fixture requires a separately purchased Plus Controller to operate.

**PPF MAP**

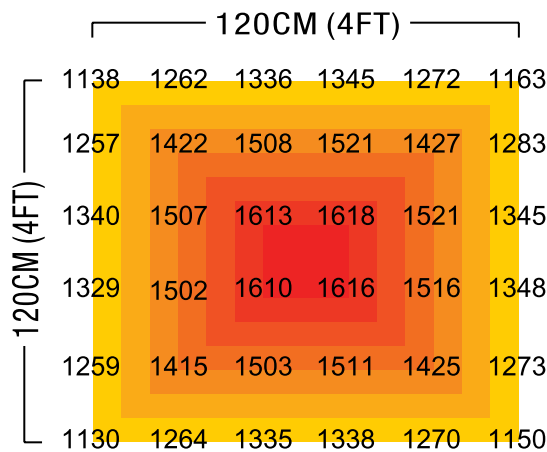
Height of  
**12" / 30CM PAR** Distribution



Height of  
**24" / 60CM PAR** Distribution



Height of  
**31" / 80CM PAR** Distribution



Height of  
**39" / 100CM PAR** Distribution

