

LED LIGHTING SOLUTION FOR COMMERCIAL INDOOR AND GREENHOUSE APPLICATIONS

A full-spectrum LED rack lighting solution designed for commercial indoor and greenhouse applications, enabling control over the plant cycle from the vegetative stage to the flowering stage. Indoor plants grow best under full-spectrum lights, which replicate the natural spectrum of the sun. The HM960 Series, with an increased lifespan over traditional grow light sources, cultivates healthier, happier plants.

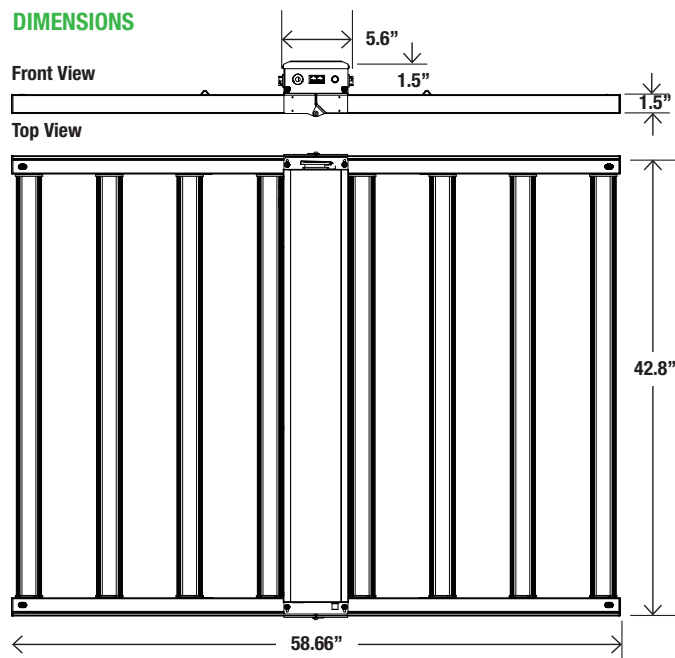
STANDARD POWER ELECTRICAL DATA

AC VOLTAGE	120V	208V	240V	277V
AC CURRENT	8.3A	4.66A	4.01A	3.47A
AC POWER	985W	970W	960W	960W
POWER FACTOR	0.998	0.982	0.969	0.945

TECHNICAL SPECIFICATIONS

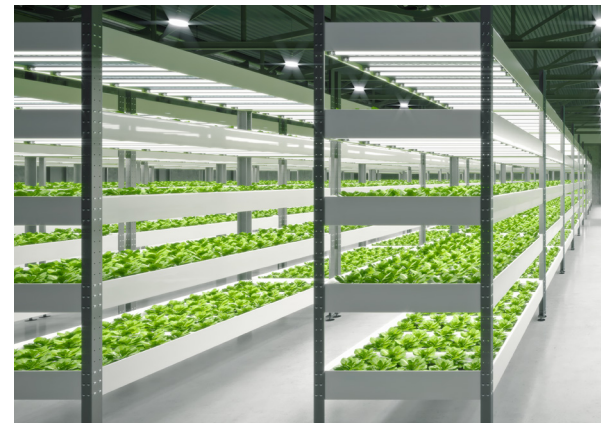
WATTAGE	960W (Boost up to 1000W)
INPUT VOLTAGE	AUTO SENSING 100V-277V
CONTROLLER	TroIMaster Hydro-X + LMA14
CONTROL	0-10V dimming (0-100%)
DAISY CHAIN PORT	RJ12
MOUNTING HEIGHT	36" above canopy
POWER FACTOR	>95%
THERMAL MANAGEMENT	Passive
WORKING TEMPERATURE	-40°F ~ 122°F
IP RATING	Suitable for dry & damp locations
LIFETIME	L90 > 54,000 Hrs
HEAT LOAD PER FIXTURE	3276 BTU
CERTIFICATION	ETL, DLC, CE, FCC
WARRANTY	7 year limited

DIMENSIONS



PPFD READING

12" Height @ 100% (1000W)														
4'X4'			4'X5'			4'X6'			4'X6'					
420	491	539						575				541	493	419
					719			794				747		
					1067			1111				1097		
								1259	1268	1264				
412	764	1077	1211	1277	1317	1325	1307	1271	1208	1065	760	395		
					1298	1290	1284							
					1151			1160			1122			
				1146				873			801			
459	541	593						607				565	507	463



RECOMMENDED SET-UP

Flower: 4' X 6' Area

Veg: 4' X 6' Area, Max: 4' X 8' Area, 5' X 5' Area

RECOMMENDED SET-UP FOR COMMERCIAL INDOOR GARDEN

Vegetative stage is 75% power at about 36"-48" high

FLOWER STAGE SET-UP PER WEEK

1-2 week is 75% power at 36" high

3-6 week is 75% power at 24" high

7-8 week is 100% power at 18" high

9-10 week is 110% power at 18" high

WHAT'S IN THE BOX

- 1x Daisy chain data cable RJ12
- 1x 240-120V plug adapter
- 2x steel wire sling
- 2x 1/8 lifting pulley hoist rope hook
- 4x thumb screw

GROSS WEIGHT: 42 lbs