

## 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 HM480 Series, with an increased lifespan over traditional grow light sources, cultivates healthier, happier plants.

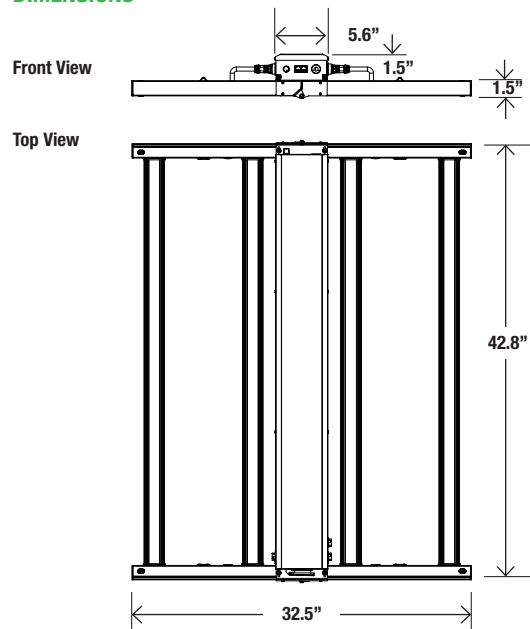
### STANDARD POWER ELECTRICAL DATA

AC VOLTAGE	120V	208V	240V	277V
AC CURRENT	4.0A	2.32A	2.01A	1.78A
AC POWER	480W	472W	470W	467W
POWER FACTOR	0.998	0.982	0.969	0.944

### TECHNICAL SPECIFICATIONS

WATTAGE	480W
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	2148 BTU
CERTIFICATION	ETL, DLC, CE, FCC
WARRANTY	7 year limited

### DIMENSIONS



### PPFD READING

12" Height @ Max. Power Setup						
4'X4' 3'X3' 2'X2' 1'X1'						
102		242		352		166
	312			632		446
223		654		856		361
			895	961	966	
293	530	773	913	978	987	908
			875	930	940	
252		663		818		760
	319			569		415
104		236		286		269
						144



### RECOMMENDED SET-UP

**Flower:** 3' X 4' Area, Max: 4' X 4' Area

**Veg:** 4' X 4' Area, Max: 5' X 5' Area

### RECOMMENDED SET-UP FOR COMMERCIAL INDOOR GARDEN

Vegetative stage is 100% power at about 24"-48" high

### FLOWER STAGE SET-UP PER WEEK

1-5 week is 100% power at 24" high

6-10 week is 100% power at 12" 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: 30 lbs**