

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 HM660 Series, with an increased lifespan over traditional grow light sources, cultivates healthier, happier plants.

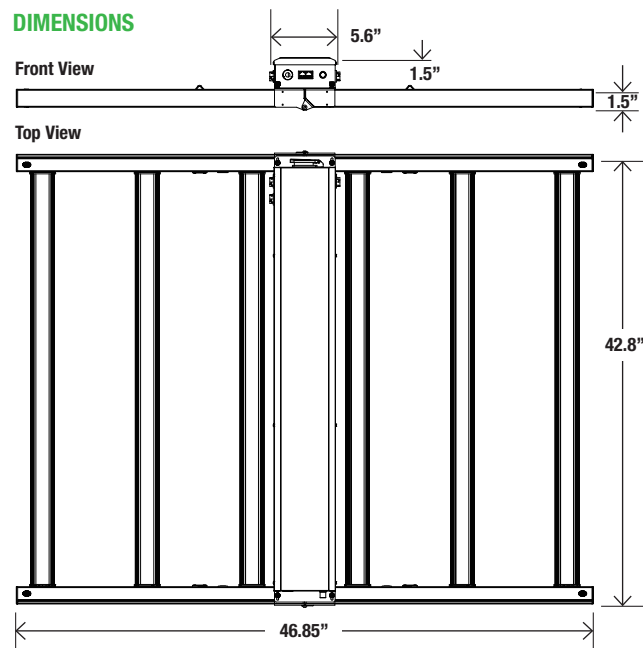
STANDARD POWER ELECTRICAL DATA

AC VOLTAGE	120V	208V	240V	277V
AC CURRENT	5.96A	3.50A	2.95A	2.71A
AC POWER	713W	700W	695W	685W
POWER FACTOR	0.998	0.983	0.975	0.945

TECHNICAL SPECIFICATIONS

WATTAGE	660W (Boost up to 720W)
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	2320 BTU
CERTIFICATION	ETL, DLC, CE, FCC
WARRANTY	7 year limited

DIMENSIONS



Specification subject to change without notice

PPFD READING

12" Height @ Max. Power Setup							
4'X4'		3'X3'		2'X2'		1'X1'	
480	530	720	530	480			
	1129		1053		721		
530		1030	1170	1030		530	
		1140	1240	1140			
750	1000	1408	1168	1275	1168	1408	1000
		1125	1150	1125			
530		1028	1170		1025		530
	1146		1053			801	
480	530	720	530	480			



RECOMMENDED SET-UP

Flower: 4' X 4' Area, Max: 4' X 5' Area

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

RECOMMENDED SET-UP FOR COMMERCIAL INDOOR GARDEN

Vegetative stage is 75% power at about 24"-48" high

FLOWER STAGE SET-UP PER WEEK

1-2 week is 75% power at 24" high

3-6 week is 75% power at 18" high

7-8 week is 100% power at 12" high

9-10 week is 110% 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