GrowPros
SOLUTIONS

HM240® Series

GPS-HM-240

A full-spectrum LED rack lighting solution designed for grow tents, indoor and greenhouse applications. Blended full-spectrum white chips with added 660 nm far red make the HM240 perfect for veg and flower. HM240 is a highly efficient fixture save up to 50% percent electricity compared to florescent. The 8 LED bars are evenly spaced over a 4' width allowing the HM240 to bloom a 2' x 4' canopy.

cETLus LISTED Intertek | **FOR DAMP LOCATION** | **DIMMABLE** | **50,000 Life Hours** | **7 YEAR Limited Warranty**
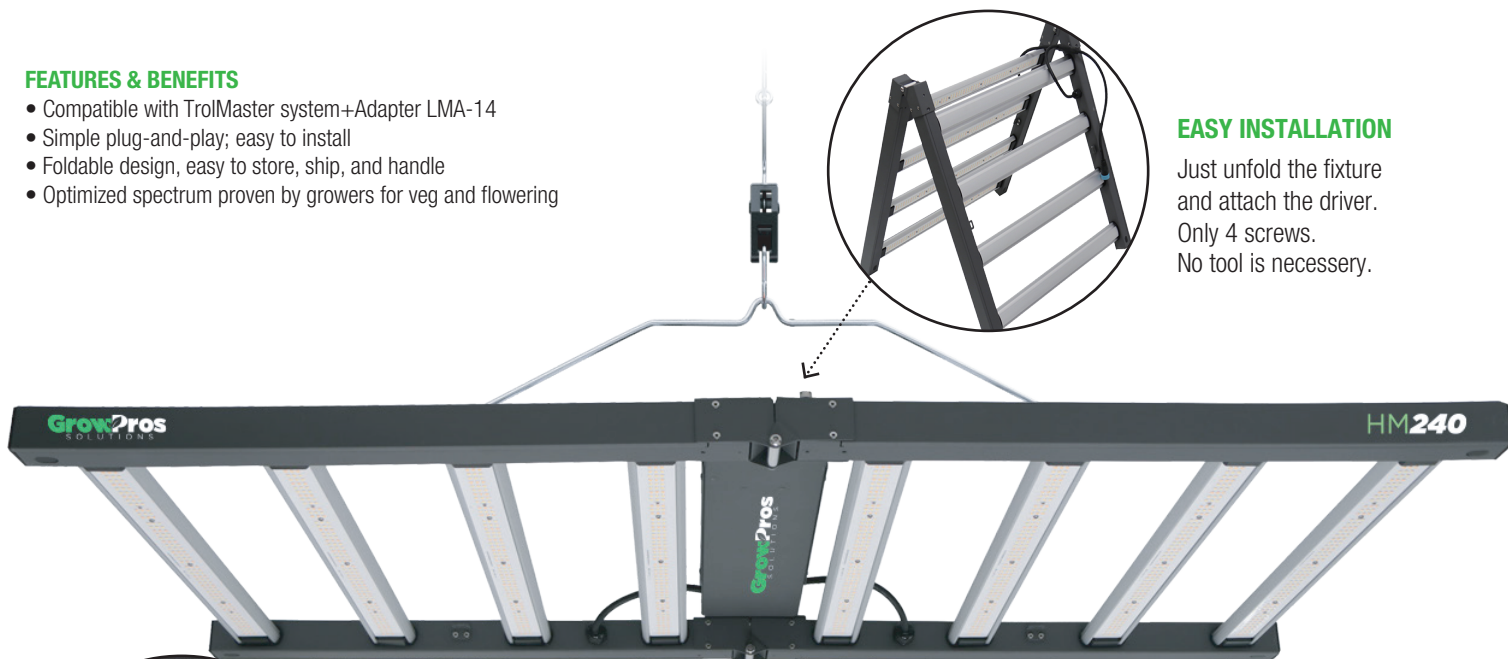
FEATURES & BENEFITS

- Compatible with TrolMaster system+Adapter LMA-14
- Simple plug-and-play; easy to install
- Foldable design, easy to store, ship, and handle
- Optimized spectrum proven by growers for veg and flowering

EASY INSTALLATION

Just unfold the fixture and attach the driver. Only 4 screws. No tool is necessery.

DIMMER

The HM240 comes with an integral dimmer that you can adjust to 25, 50, 75, and 100 percent.

CONTROL SYSTEM

Works with TrolMaster Hydro-X control systems. You will need to use a lighting control adapter F (LMA-14). When you put the dimmer in EXT mode, it is ready to connect to the control system (If you daisy chain these lights and use a control system to control them together, you need to switch it to EXT mode).

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LED LIGHTING SOLUTION FOR COMMERCIAL INDOOR AND GREENHOUSE APPLICATIONS

TECHNICAL SPECIFICATIONS

WATTAGE	**240W**
INPUT VOLTAGE	**120V-277V**
CONTROLLER	**TrolMaster Hydro-X + LMA14**
CONTROL	**0-10V dimming (0-100%)**
DAISY CHAIN PORT	**RJ12**
THD	**20%**
THERMAL MANAGEMENT	**Passive**
WORKING TEMPERATURE	**-40ºF ~ 122ºF**
IP RATING	**Suitable for dry & damp locations**
WARRANTY	**7 year limited**

HEAT LOAD

HEAT LOAD PER FIXTURE	**820 BTU**

MAXIMUM POWER ELECTRICAL DATA

AC VOLTAGE	120V	208V	240V	277V
AC CURRENT	2.0A	1.15A	1.0A	0.86A
AC POWER	240W	240W	240W	240W

PPFD READING

24" Height @ Max. Power Set-up								
	24"	18"	12"	6"	0	6"	12"	18"	24"
24"	38.8	49.7	58	64.8	72.8	59.3	60.3	49.9	37.6
18"	74.9	118.1	130.5	137.5	145.2	140.9	138.9	108.4	82.4
12"	162	268.4	297.5	305.1	291.4	291.6	297.3	247.3	112.6
6"	290.9	435.9	533.7	510.4	493.5	501.8	500.6	426.6	293.1
0	330.9	499.9	581.9	593.5	575.5	578.2	565.2	503.6	330.3
6"	286.1	407.3	489.4	510	492	495	479.3	446.8	297.9
12"	161.2	241.2	282.8	290.3	284.5	293.7	278.7	296.5	171.7
18"	75.3	106.3	125.7	133.5	138.3	136.2	133.2	118.7	83.2
24"	34.2	45	52.8	56.9	81.9	60.7	55.6	49.6	38.5

PERFORMANCE DATA

PERFORMANCE DATA	MAX. POWER @ 12"H
PPF	**624 µmol/s**
PPE	**2.6 µmol/J**

RECOMMENDED SET-UP

Flower: 2' X 4' Area
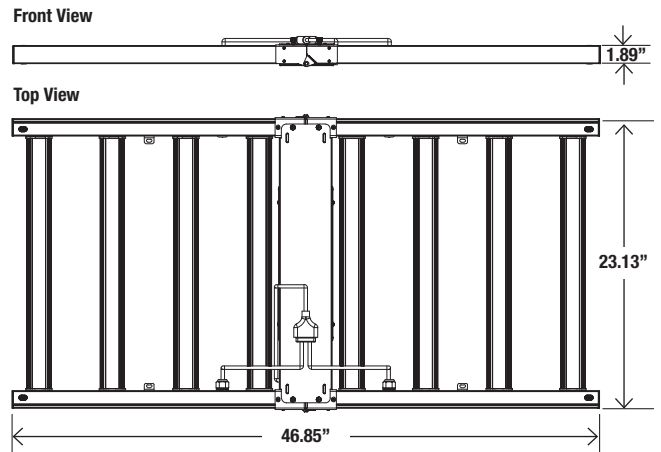**Veg: 3' X 5' Area, Max: 4' X 6' Area**

SPECTRAL DISTRIBUTION
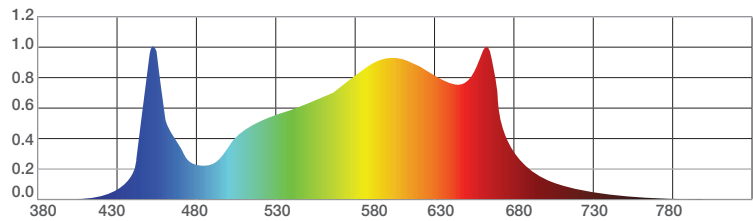
WHAT'S IN THE BOX

- 1x 10' 240V Twist Lock Power Cord
- 1x 240V-120V Plug Adapter
- 1x Daisy Chain Data Cable RJ-12
- 2x Steel Wire Hangers
- 2x Rope Ratchets
- 4x Thumb Screws

DIMENSIONS

Front View

1.89"

Top View

23.13"

46.85"

GROSS WEIGHT: 20.94 lbs