

COMMERCIAL SOLUTIONS DESIGNED SPECIFICALLY FOR INDOOR CANNABIS CULTIVATION

DRAGON

GPS-HM1350PRO-UI

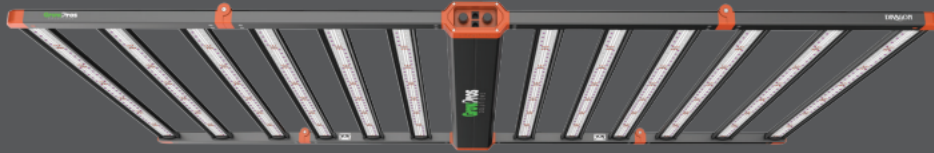
A Full Spectrum + Infrared Red + UV LED rack lighting solution designed for commercial indoor and warehouse cultivation, enabling control over the plant cycle from the vegetative stage to the flowering stage. Indoor plants grow best under full-spectrum lights, which replicate the natural spectrum of the sun. The DRAGON led grow light, with an increased lifespan over traditional grow light sources, cultivates healthier, happier plants. Our BEAST Series grow lights are fully compatible with TrolMaster HYDRO-X Systems. For dual channel spectrum control use an LMA-14 lighting control adapter for each lighting channel to control specific timing and dimming on multiple lights.

INTENDED APPLICATIONS

- Hydroponic Grows
- Commercial Indoor/Warehouse Cultivation

RECOMMENDED SET-UP

- **FLOWER:** 4' X 6' Area; Max: 5' X 7: 12"-24" from top of canopy
- **VEG:** 5' X 7' Area; Max: 5' X 8' 24"-48" from top of canopy



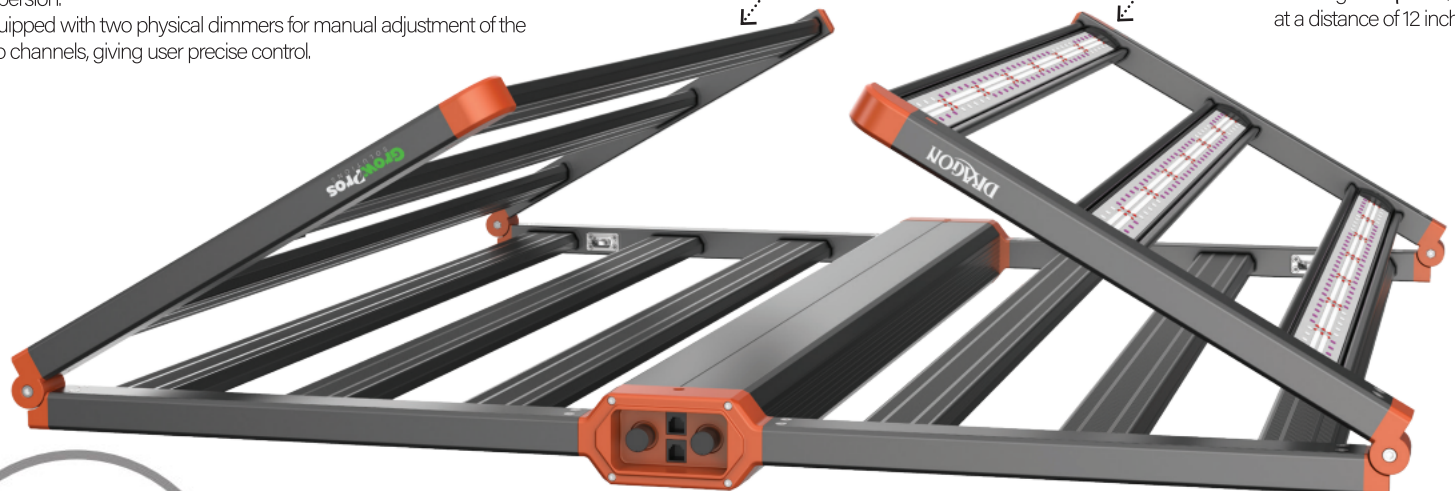
FEATURES & BENEFITS

- Full Spectrum Illumination, encompassing Infrared (IR) and Ultraviolet (UV) wavelengths.
- Dual Channel Controls for versatile customization.
- Exceptionally High Photosynthetic Photon Efficacy (PPE) of up to 31 $\mu\text{mol/s}$, ensuring optimal plant growth.
- Elevated Photosynthetic Photon Flux Density (PPFD) reaching an average 1300 $\mu\text{mol/s/m}^2/\text{s}$ at a distance of 12 inches.
- Effortless Installation: Ready to use upon unpacking, no assembly required.
- Dimensions: 4 feet by 6 feet, featuring 12 bars for uniform photon dispersion.
- Equipped with two physical dimmers for manual adjustment of the two channels, giving user precise control.

Performance Data

PPF 3705 $\mu\text{mol/s}$
PPE Up to 31 $\mu\text{mol/J}$

Elevated Photosynthetic Photon Flux Density (PPFD) reaching 1530 $\mu\text{mol/s/m}^2/\text{s}$ at a distance of 12 inches.



DUAL Channel Controls

- ① Full spectrum + Infrared
- ② Ultraviolet + Cold White

Easy Assembly

Designed for effortless installation with no assembly required. Ready to use upon unpacking.

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SPECIFICATIONS

WATTAGE	1350W
INPUT VOLTAGE	120-270VAC
CONTROL	0-10V DIMMING
POWER FREQUENCY	50/60Hz
POWER FACTOR	>0.9
THD	≤ 20%
THERMAL MANAGEMENT	PASSIVE
WORKING TEMPERATURE	0°F to 113°F
IP RATING	Suitable for dry and damp locations
DIODE LIFETIME RATING	>50,000 hrs
WARRANTY	5 YEARS LIMITED
CHANNEL 1	1200W Power: 4000k + 5000k + 660nm Deep red + 730nm Far red
CHANNEL 2	150W Power: 6500k Blue white + UVA

MAXIMUM POWER ELECTRICAL DATA

	120V	208V	240V	277V
AC CURRENT	11.1A	6.34A	5.65A	5.0A
AC POWER	1340W	1305W	1300W	1295W
POWER FACTOR	0.998	0.98	0.97	0.956

PPFD READING

12" Height @ Max. Power Setup

806	802	810	900	843	816	810
1002	1510	1500	1480	1526	1500	1200
1255	1582	1570	1500	1540	1580	1224
1070	1502	1555	1480	1400	1493	1267
810	1043	1017	919	1041	1108	805

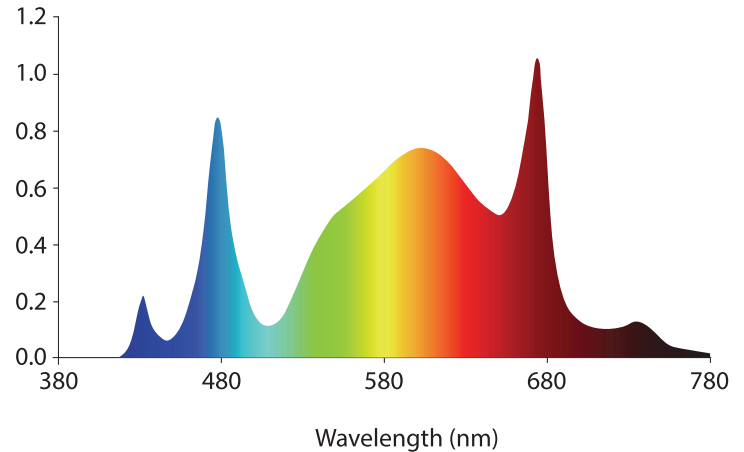
PERFORMANCE DATA

MAX POWER @ 12" H

PPF	3705 μmol/s
PPFD (AVERAGE)	1300 μmol/m2/s
PPE	Up to 3.1 μmol/J

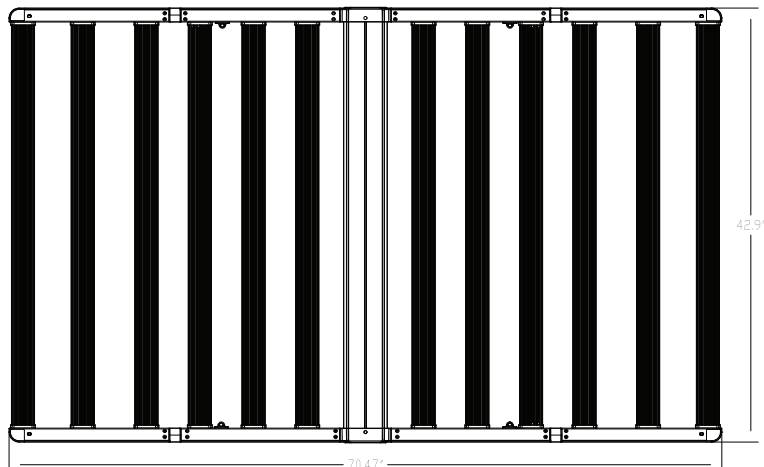
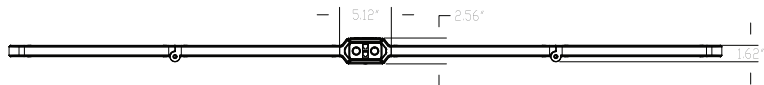
FULL SPECTRUM + IR

Spectrum



GROSS WEIGHT: 44 lbs

DIMENSIONS



LIGHT WEIGHT: 40lbs