

COMMERCIAL SOLUTIONS DESIGNED SPECIFICALLY FOR INDOOR CANNABIS CULTIVATION

DRAGON

GPS-HM1350PRO-UI

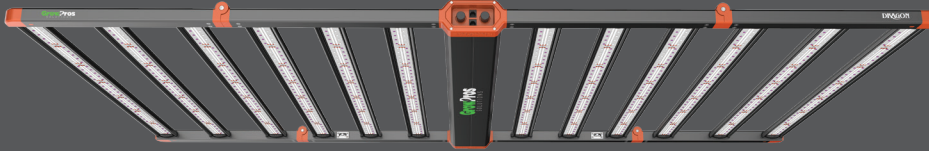
A Full Spectrum + Infrared Red + UV LED rack lighting solution designed for commercial indoor and greenhouse applications, enabling control over the plant cycle from the vegetative stage to the flowering stage. Indoor plants grow best under full-spectrum lights, which replicate the natural spectrum of the sun. The 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 TroiMaster 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 Cannabis Growing
- Indoor Greenhouse

RECOMMENDED SET-UP

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



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 μmol s, ensuring optimal plant growth.
- Elevated Photosynthetic Photon Flux Density (PPFD) reaching 1530 μmol s/m²/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.



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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
WARRANTY	5 YEARS LIMITED
CHANNEL 1	1200W - 4000 kelvin full spectrum natural white, 730nm infraRed; 660nm Deep Red
CHANNEL 2	150W - 6500 kelvin full spectrum daylight 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

■ 4X4 ■ 4X5 ■ 4X6

480	510	520	525	535	540	540	540	530	525	515	510	430
780	870	900	950	950	1050	1100	1050	950	950	900	870	780
1100	1270	1320	1380	1380	1400	1420	1400	1380	1330	1320	1270	1100
1160	1380	1450	1460	1460	1510	1510	1510	1460	1460	1450	1380	1160
1150	1400	1460	1480	1510	1530	1500	1530	1510	1480	1460	1400	1150
1160	1400	1410	1460	1460	1510	1510	1510	1460	1460	1410	1400	1160
1100	1280	1350	1350	1400	1410	1400	1410	1400	1410	1330	1300	1100
780	870	910	1010	1010	1030	1100	1000	1010	980	950	890	850
460	510	550	540	530	580	570	580	550	530	500	530	430

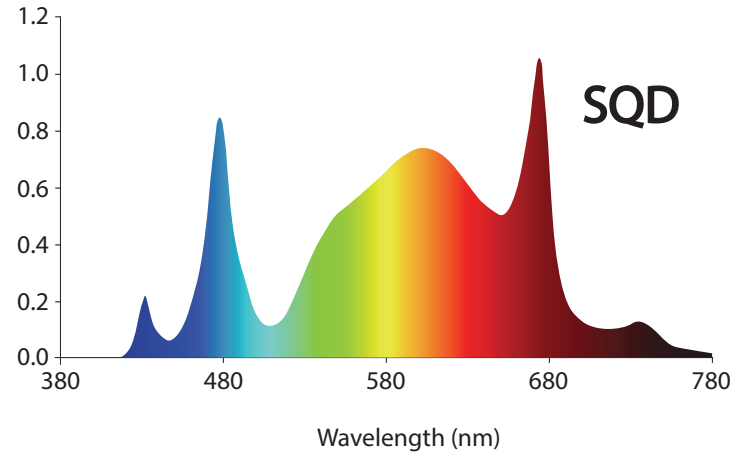
PERFORMANCE DATA

MAX POWER @ 12" H

PPF	3847.5 $\mu\text{mol/s}$
PPFD	1530 $\mu\text{mol/m}^2/\text{s}$
PPE	3.1 $\mu\text{mol/J}$

FULL SPECTRUM + IR

Spectrum



WHAT'S IN THE BOX

- 1x HM1350 (DRAGON) Light
- 2x steel wire sling
- 1x Network Cable
- 2x 1/8 lifting pully hoist
- 1x 120-240v plug adaptor
- rope hook

GROSS WEIGHT: 52 lbs

DIMENSIONS

