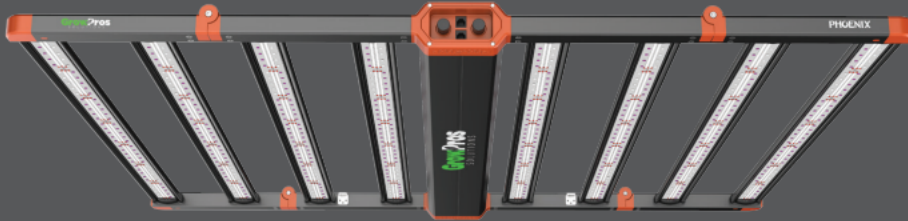


COMMERCIAL SOLUTIONS DESIGNED SPECIFICALLY FOR INDOOR CANNABIS CULTIVATION

PHOENIX



GPS-HM900PRO-UI

A full-spectrum and UV + IR 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 Phoenix LED light, with an increased lifespan over traditional grow light sources, cultivates healthier, happier plants.

INTENDED APPLICATIONS

- Hydroponic Grows
- Commercial Indoor and Warehouse Cultivation

RECOMMENDED SET-UP

- **FLOWER:** 4' X 4' Area; 12"-24" from top of canopy
- **VEG:** 5' X 5' 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 3.1 μmol , ensuring optimal plant growth.
- Elevated Photosynthetic Photon Flux Density (PPFD) reaching an average 1300 $\mu\text{mol}/\text{m}^2/\text{s}$ at a distance of 12 inches.
- Effortless Installation: Ready to use upon unpacking, no assembly required.
- Dimensions: 4 feet by 4 feet, featuring 8 bars for uniform photon dispersion.
- Equipped with two physical dimmers for manual adjustment of the two channels, giving user precise control.

Performance Data

PPF 2486 $\mu\text{mol}/\text{s}$
PPE Up to 3.1 $\mu\text{mol}/\text{J}$

Elevated Photosynthetic Photon Flux Density (PPFD) reaching an average 1300 $\mu\text{mol}/\text{m}^2/\text{s}$ 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	900W
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
HEAT LOAD PER FIXTURE	3069 BTUs
WARRANTY	5 YEARS LIMITED
CHANNEL 1	800W Power: 4000k + 5000k + 660nm Deep red + 730nm Far red
CHANNEL 2	100W Power: 6500k Blue white + UVA

MAXIMUM POWER ELECTRICAL DATA

	120V	208V	240V	277V
AC CURRENT	7.91A	4.34A	3.86A	3.45A
AC POWER	927W	903W	900W	899W
POWER FACTOR	0.998	0.978	0.969	0.956

PPFD READING

12" Height @ 100% (900W)

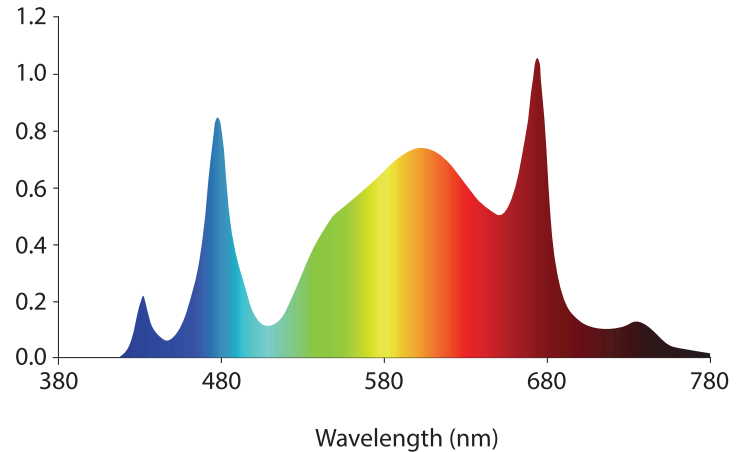
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1103		1400		1425		1548		1066
			1476	1434	1343			
1167	1490	1502	1480	1450	1312	1520	1530	1169
			1461	1423	1494			
1221		1461		1351		1475		1280
	1241			1340			1330	
815		940		1008		940		823

PERFORMANCE DATA

	MAX POWER @ 12" H
PPF	2486 μmol/s
PPFD (AVERAGE)	1300 μmol/m2/s
PPE	Up to 3.1 μmol/J

FULL SPECTRUM + IR

Spectrum



GROSS WEIGHT: 24.5 lbs

DIMENSIONS

