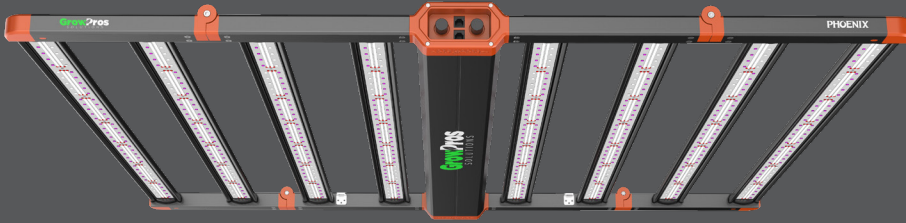


COMMERCIAL SOLUTIONS DESIGNED SPECIFICALLY FOR INDOOR CANNABIS CULTIVATION

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 Cannabis Growing
- Indoor Greenhouse

RECOMMENDED SET-UP

- **FLOWER:** 4' X 4' Area; 12"-24" from top of canopy
- **VEG:** 4' X 6' 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 30 μmol s, ensuring optimal plant growth.
- Elevated Photosynthetic Photon Flux Density (PPFD) reaching 1346 μmol s/m²/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.



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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
WARRANTY	5 YEARS LIMITED
HEAT LOAD PER FIXTURE	3069 BTUs
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	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)

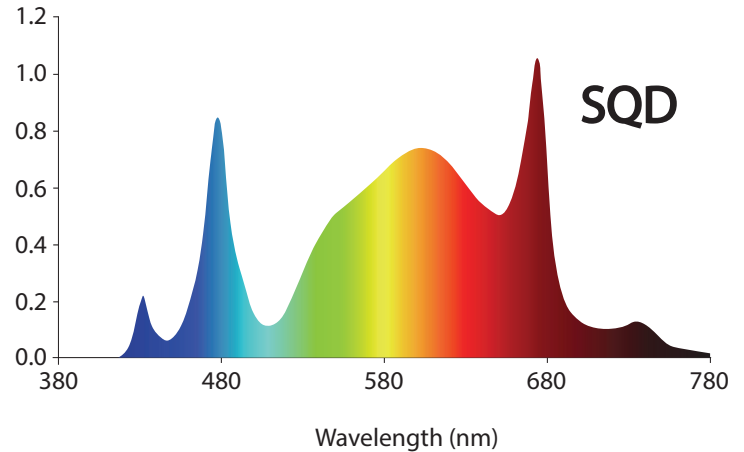
512		588		657		595		514
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			1304	1328	1306			
611	1045	1213	1315	1346	1318	1232	1014	617
			1301	1325	1303			
551		1135		1276		1123		556
	782			1075			851	
502		587		638		581		508

PERFORMANCE DATA

	MAX POWER @ 12" H
PPF	2565 μmol/s
PPFD	1346 μmol/m2/s
PPE	3.0 μmol/J

FULL SPECTRUM + IR

Spectrum



WHAT'S IN THE BOX

- 1x HM900 (PHOENIX) Light
- 1x Network Cable
- 1x 120-240v plug adaptor
- 2x steel wire sling
- 2x 1/8 lifting pully hoist rope hook

GROSS WEIGHT: 24.5 lbs

DIMENSIONS

