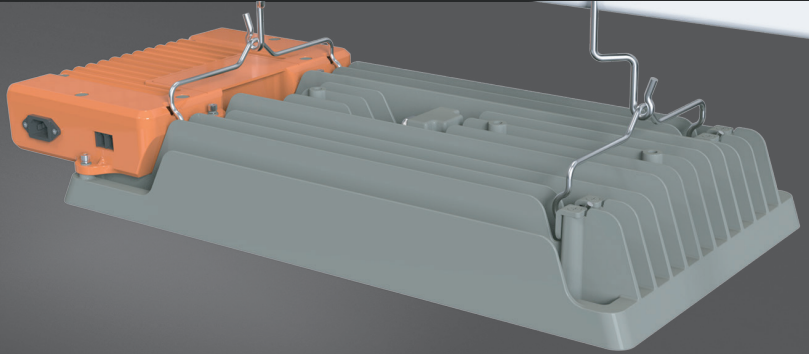


COMMERCIAL SOLUTIONS DESIGNED SPECIFICALLY FOR INDOOR CANNABIS CULTIVATION

## AK800 PRO<sup>®</sup> Series



### GPS-AK-800-PRO

The Grow Pros AK800 PRO is the preferred choice for 1:1 1000w DE HPS replacement. The Grow Pros AK800 PRO LED features higher efficiency with higher light output than Double Ended High Pressure Sodium fixtures. This is the perfect fixture for retro fitting a DE HPS grow room to LEDs, the optic lenses on the fixture give the light same 5'x5' flowering footprint as a DE HPS fixture so the hanging height can remain the same. After your last HPS harvest, just take down each dinosaur fixture and replace with it the AK800 pro, plug it into the old outlet or hardwire and reset your room with plants. You will be instantly saving electricity based on the wattage reduction from 1000w HPS, and because the dye cast heat sink on the AK800 pro directs the heat from the light upwards instead of reflected down at your plants you will also see immediate reduction in AC usage and more consistent temperature and humidity control across the entire room. DLC listed and rebate eligible so talk with us so we can work with your electric company to significantly reduce the upfront cost of retro fitting or building out a new grow room. See a Return on Your Investment in as quick as 6-8 months and never buy another HPS bulb again. The Grow Pros AK800 Pro is a long-lasting, easy-to-maintain, fixture perfect for long-term exponential growth of your plants and your business.



FOR DAMP LOCATION



#### INTENDED APPLICATIONS

- 1:1 replacement fixture for HPS to LED
- Commercial Cannabis Cultivation
- VEG through Flower
- Indoor Agriculture
- Supplemental green house lighting

#### FEATURES & BENEFITS

- Proven to be 35% more efficient.
  - Uniform and widespread light distribution equal to DE HPS fixtures light spread while providing deeper light penetration into the canopy.
  - Multiple fixtures can be daisy-chained and syned using 0-10v dimming controllers to maintain uniform dynamic light levels throughout the full growth cycle.
- A single-tier 1:1 HPS replacement LED grow light that will match the light output and yield of HPS with greater efficiency for greater savings over time.
- Built to withstand the elements, our product boasts an IP65 waterproof rating for added durability.

Multiple fixtures can be daisy-chained and syned using a single power supply for universal control to maintain uniform, dynamic light levels throughout the full growth cycle

Full-spectrum, high-intensity blues and reds for full-cycle growth

A single-tier 1:1 HPS replacement LED grow light, meaning performance of AK800 LED grow light matches HPS with greater efficiency for greater savings over time

Proven to be 35% more effective than HPS grow lights at up to 2.7  $\mu\text{mol}/\text{J}$

Compact, Easy to Install: Low-profile 4" depth compared to 7" width of HPS grow light

Uniform, widespread distribution equal to HPS light throw while providing deeper penetration over the canopy

A PPF of 2150  $\mu\text{mol}$ s for higher efficiency while requiring less fixtures to achieve optimal output

UNDER PROPER GROW CONDITIONS, MONEY CAN BE GAINED BACK IN AN AVERAGE OF 6-8 MONTHS

## LED LIGHTING SOLUTION FOR COMMERCIAL, INDOOR, AND GREENHOUSE APPLICATIONS

### TECHNICAL SPECIFICATIONS

WATTAGE	800W
INPUT VOLTAGE	120V-277V
CONTROLLER	TrolMaster Hydro-X + LMA14 (26 Fixtures)
CONTROL	0-10V dimming (0-100%)
DAISY CHAIN PORT	RJ12
THD	20%
SURGE PROTECTION	L/N-PE: 10kV, L-N: 6kV
WORKING TEMPERATURE	-40°F ~ 122°F
IP RATING	IP65
SPECTRUM	Full Spectrum
WARRANTY	7 year limited

### HEAT LOAD

HEAT LOAD PER FIXTURE	2729.71 BTU
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### STANDARD POWER ELECTRICAL DATA

AC VOLTAGE	120V	208V	240V	277V
AC CURRENT	6.8A	3.9A	3.5A	3.0A
AC POWER	826W	808W	800W	798W
POWER FACTOR	0.996	0.99	0.98	0.96

### PPFD READING

30" Height @ MAX Power

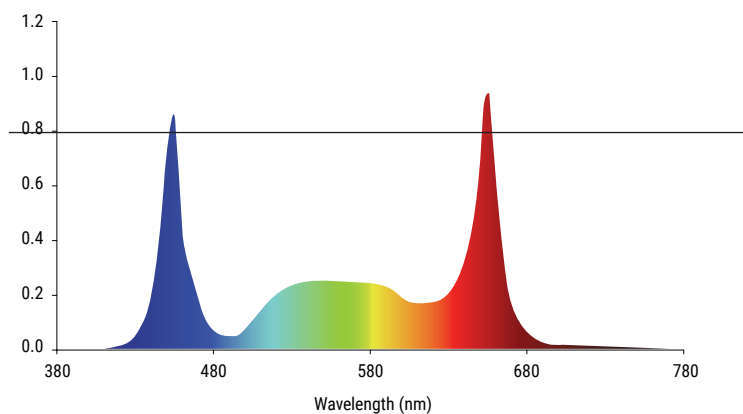
4'X4' 3'X3' 2'X2' 1'X1'

535	679	780	677	529		
951	923					
622	1002	1124	1021	633		
	1103	1105				
671	1207	1402	1204	1398	1202	669
	1112	1108				
625	1017	1130	1018	632		
937	931					
532	685	779	687	531		

### PERFORMANCE DATA

PPF	2150 $\mu\text{mol/s}$
PPE	2.7 $\mu\text{mol/J}$

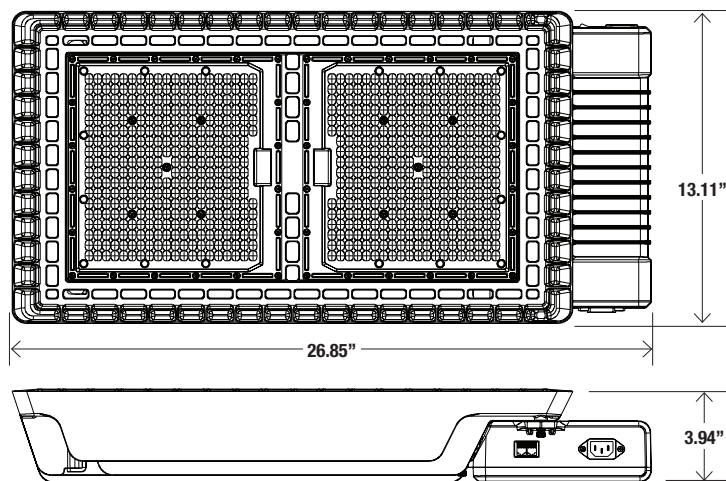
### SPECTRAL DISTRIBUTION



### WHAT'S IN THE BOX

- 1x AK800 Pro
- 1x 12ft power cord
- 1x 240V to 120V adapter
- 1x RJ12 Data cable
- 1x Pair Mounting Hangers
- 1x Pair Unistrut Hooks

### DIMENSIONS



GROSS WEIGHT: 35 lbs