

# HPS Series Traditional

*High Output Traditional HPS Grow Light*  
0W and 1000W Models



600W



1000W

## HPS Spectrum

- Ideal for flowering growth stage
- Can fit metal Halide Lamp

## Efficient Light Source

- Up to  $1.7\mu\text{mol/J}$  when new
- Power Factor  $>0.98$ .

## High Quality Technology

- Smart Start ignition control.
- Re-strike of hot lamp

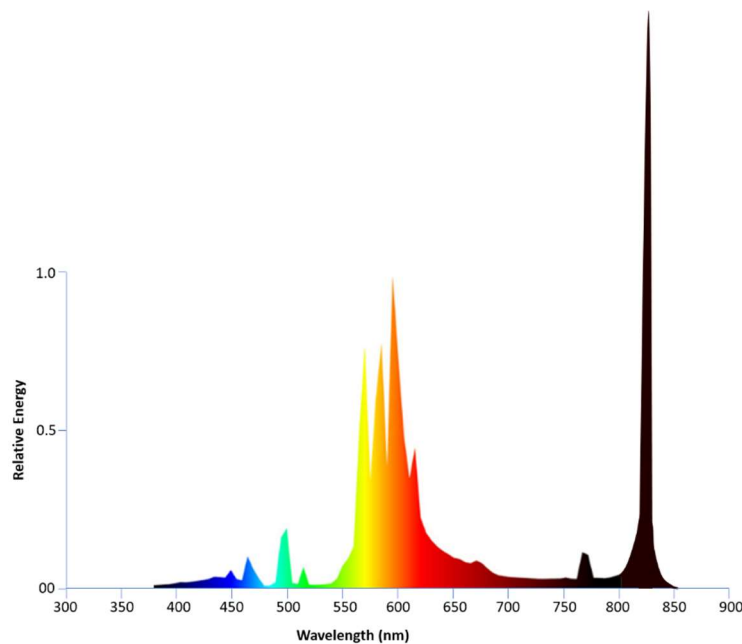
## Dimmable

- Manually dimmable
- External control connectivity



## HPS Series Traditional Grow Lights Full Spectrum

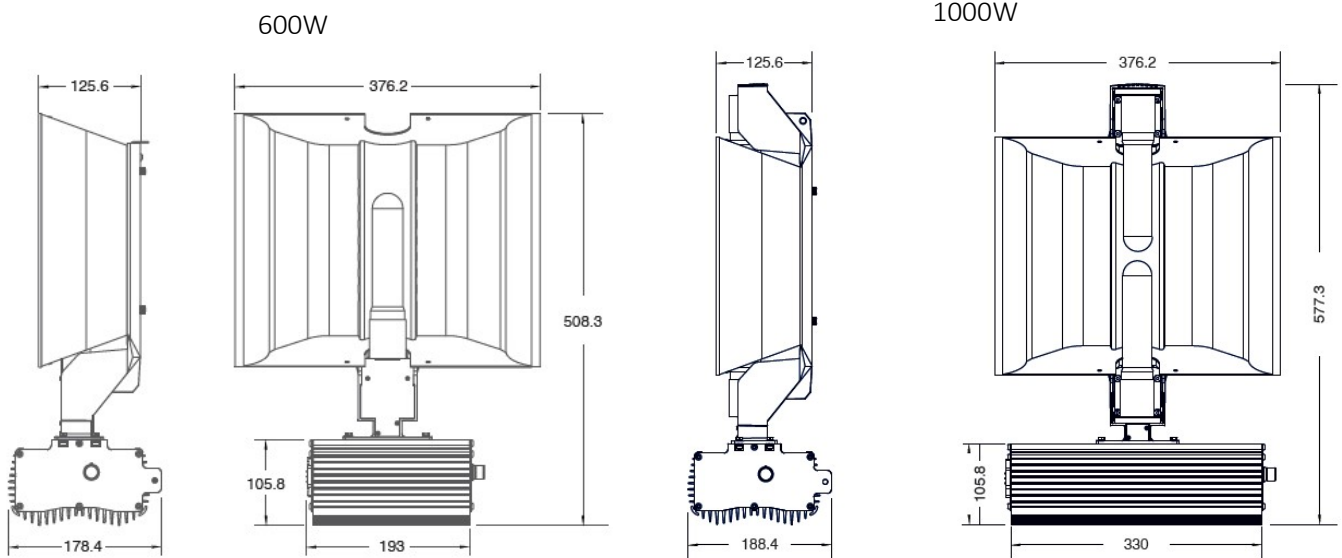
The HPS Series of traditional grow lights are ideal for large grow rooms as a primary light source, or as a supplement to natural light in a greenhouse. The units are controllable via on-board manual dimming or via an external controller connected via the RJ14 leads. The units can be series linked to ensure controllability of a string of lights in your grow room. The HPS spectrum has traditionally been used as the grow light of choice before LED efficiency reached the levels it enjoys today. This traditional technology provides a stable, well-known, and reliable lighting solution and is ideal for the flowering stage of the growth cycle. Available as a 600W singled ended single lamp (SE) or 1000W double ended single lamp (DE) fixture to suit your needs.



TECHNICAL SPECIFICATIONS	
Item	HPS-600-SE, HPS-1000-DE,
Maximum Actual Wattage(±5%)	600W   1000W
PPF(±5%)	1002μmol/s   1850 μmol/s
Efficacy (380 nm ~ 820 nm)	1.67 to 1.7μmol/J @ 240 VAC
Light source	600   1000W HPS Lamp (not included)
Dimming	Manual or Controller Dimming
Ambient operating conditions	0°C~+35°C   25~70% RH
Material	Aluminum
Thermal Management	Passive Cooling
Mounting Height	≥ 48" (120cm) Above Plant Canopy
Warranty	2 years
Certifications	ETL / CE /RoHS

ELECTRICAL SPECIFICATIONS	
Input Voltage Range	120 (HPS1000 only) / 208 / 240 / 277VAC
Input Frequency	48-63Hz
Power Factor	0.99 ( Max ), >0.98 240VAC input, 60%~100% load
Input Current	3.17A at 208VAC, 2.75A at 240V, 2.38A at 277VAC   9.1A at 120V, 5.28A at 208V, 4.58A at 240V, 3.97A at 277V
Ignition Voltage	3kV-5kV
THD	<10%
Maximum Output Power	640W   1060W
Start Up Time	3-10 Second
Protections	Open Circuit Protection, Short Circuit Protection, Over Voltage Protection, Under Voltage Protection, Over Temperature Protection

## Dimensions & Installation



Can be used with Lighting Controller

