

Ag600S/L

Top LED Grow Light

⊕ *Switch HPS to LED easily
Save energy, Raise yield & quality*



*Save power 40%
Save HAVC 25%
Tailored spectrum
Longer lifespan*



Ag600S/L is a top LED grow light designed for indoor farming applications. Effective and innovative passive heat dissipation design creates cool environment for high-redundancy densely-packed LED array. Totally-enclosed structure and IP65 protection form an integrated luminaire of easy installation and free maintenance. Ag600S has a compact size, similar profile and equivalent PPF output of traditional HPS and can be used as an easy replacement for energy-saving and yield & quality improvement. Proven spectrum, high PPF output and dimmability help create right light recipe for your plants and save power bill for your farm operation.

- ✓ *Easy 1-to-1 HPS to LED replacement*
- ✓ *Equivalent to 1000W HPS, saving energy 30+%*
- ✓ *Tailored spectrum for plant/stage, easy control*
- ✓ *IP65 protection level, lifespan 5+ years*

SPECIFICATIONS

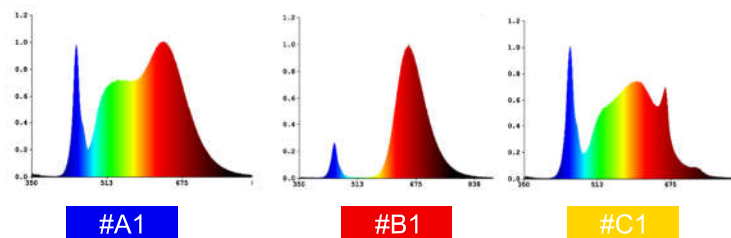
	Ag600S	Ag600L
Light source	SMD3030, 4800pcs	
Spectrum	Broad spectrum #A1, #C1, Red enhanced B1#, Customizable upon request	
Photosynthetic photon flux (PPF)	1500umol/s, typical	
Efficacy (PPE)	2.3umol/J	
Light distribution	120°, tampered glass	
Input voltage	100-277Vac, or 200-480Vac	
Input current	5A@120V, 2.88A@208V, 2.5A@240V, 2.17A@277V, 1.73A@347V, 1.5A@400V, 1.25A@480V	
Input power, rated	600W	
Dimming	DALI, 0-10V, PWM, programming	
Power factor	>0.95	
Heatsink	Passive heat dissipation fins	
Temperature, operating	104°F/40°C, max	
Humidity, operating	99% RH, max	
Weight	22lb / 10kg, net, 26.5lb / 12kg, gross	
Dimensions	20.6"x12.6"x8.5"/ 523x320x215mm	40.4"x5.9"x6.0"/ 1025x150x153mm
Packaging	24.5"x16.5"x12.4"/ 623x420x315mm	44.3"x9.8"x9.9"/ 1125x250x253mm
Certification	ETL (UL1598), CE, FCC, RoHS, IP65, DLC	
Warranty	Five years standard warranty	

Note

The PPF and PPE are measured by installing the entire fixture in an integrating sphere, so they reflect the factual working performance of the product. However, the photometric and electrical results may vary with LED bin tolerance, ambient temperature and power line voltage. We maintain a tolerance of $\pm 10\%$ on the photoelectric parameters.

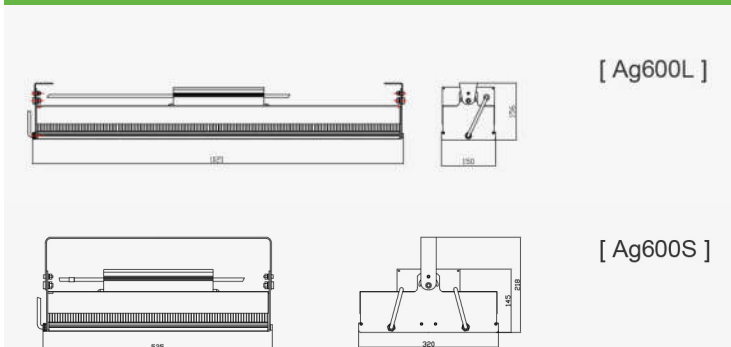
For optimal results by introducing the artificial lighting, adjustments to irrigation, nutrition, CO₂ concentration and other growth factors may be required due to enhanced photosynthesis and physiological activities of the plants. Light recipe can be tuned by using the dimmability and adjusting installations to cater for different crops and growth stages.

SPECTRA



More spectra customizable upon request

DIMENSIONS



INSTALLATION

