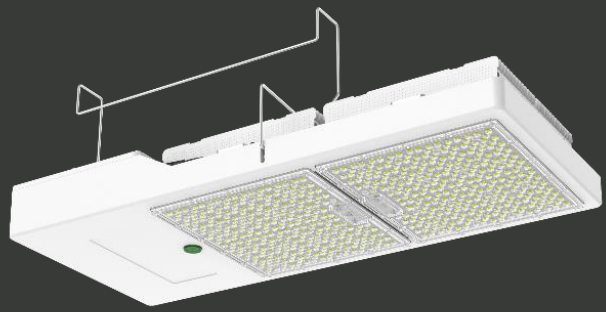


SONNEHAUS

HORTICULTURE PRODUCTS
LED PLANT GROW LIGHT



The SONNEHAUS series is our latest design in LED grow lights. It is a 1:1 replacement for traditional HPS fixtures with high energy efficiency to save on energy costs and provide better performance. The SONNEHAUS consumes 40% less power than a typical 1000W HPS fixture.

It has a footprint that fits seamlessly into existing layouts.

Whether growing cannabis, food or ornamental plants, the SONNEHAUS was designed for single or multi-tier growers who want to optimize their grow space for maximum crop yield and producing the highest quality crops.

OPERATING & ELECTRICAL

Input voltage	120-277Vac
Power factor	0.9
Total harmonic distortion (THD)	<20%
Dimming	0-10V

PERFORMANCE

PPF Efficacy	2.6 $\mu\text{mol/J}$
PPFD	800W: 2080 $\mu\text{mol/s}$
Power	800W
Beam Angle	100° x 130°

MECHANICAL & HOUSING

Housing	Aluminum die cast for superior heat dissipation, strength, and rigidity.
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Finish

Power Supply driver
LED Board

White and/or Customized
Factory wired electronic LED

Light emitted source

APPLICATION CONDITION

Ambient temperature range
Protection

-20 to 45°C
IP65, Wet Location

COMPATIBLE MOUNTING

Mounting

Suspended

WARRANTY

System warranty

Lumen maintenance Rated for 70% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES). (L70 at 50,000 hours)

5 years

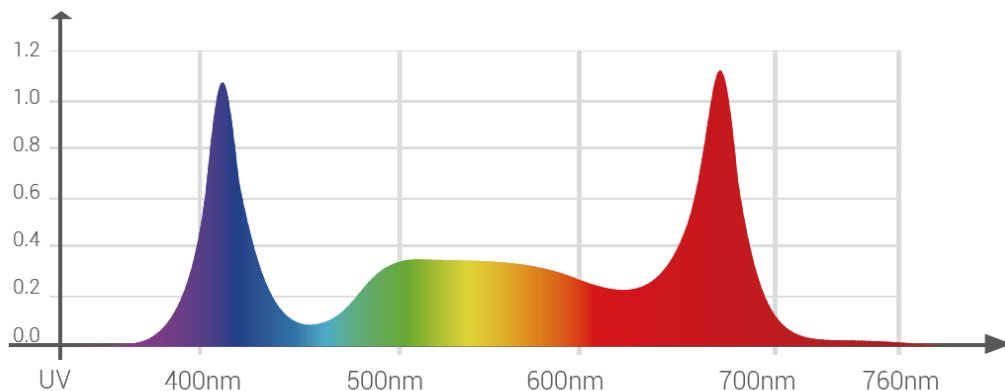
ORDERING GUIDE

EXAMPLE: AE-LS-EG-800W-UVSP-WH

AE-LS-EG	800W	UV	SP	-WH
FIXTURE FAMILY	WATTAGE	VOLTAGE	LIGHT RECIPES (nm)	Color
AE-LS-EG SONNEHAUS LED plant grow light	800W- 800 watts	UV 120-277Vac input voltage range	SP Full Spectrum	-WH White
				-CS Custom (Ral #)

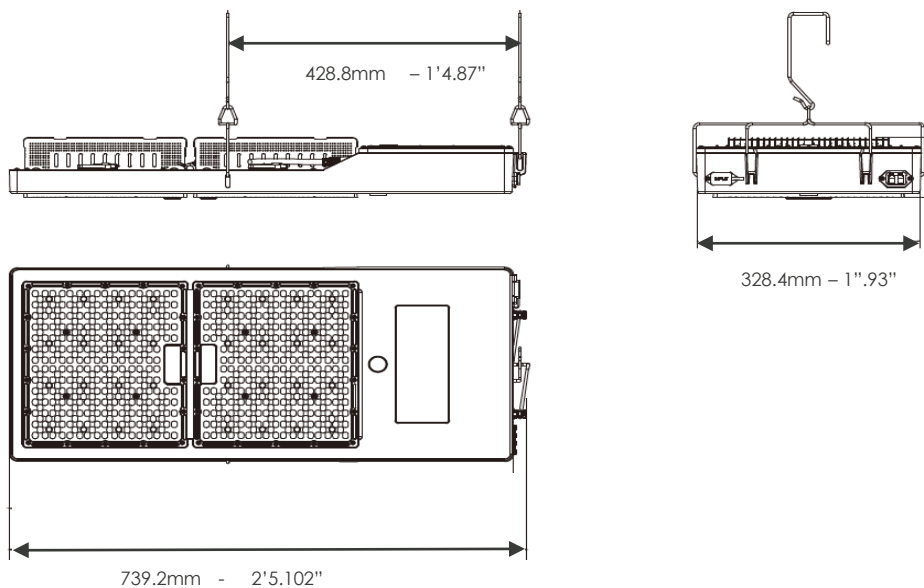


FULL SPECTRUM



Light from 400 to 520nm (blue) and 610 to 720nm (red) contributed the most to photosynthesis.

PRODUCT DIMENSIONS – 800W



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