

22W 4FT HORTICULTURAL STRIP LIGHT



22W LED



54W FLUORESCENT
REPLACEMENT



Energy Saving & Lower Heat

Uses 60% less energy than 54W T5 HO 4FT fluorescent lamps without sacrificing photon output, greatly reducing heat and the need for more vertical space.



Sun White Spectrum

High CRI 95 full-spectrum light accentuates plant colors, making visual inspection easier. Includes additional Red and Far-Red wavelengths to boost photosynthesis rates.



Seamless Connectivity

Easily connect up to 8 luminaires end-to-end or via daisy-chain cable (installation accessories provided) and create uniform light for any growing application.



High PBAR Output & Efficacy

Ideal for use in commercial or home grow applications for full-cycle plant growth of herbs, leafy greens, microgreens, cloning, tissue culture and germination.



Ready to Grow

Comes complete with 120V power cord, integrated tube (non-replaceable) and built-in on-off switch. Luminaires are designed for suspension-mount installation.



Extra-Long Lifetime & Guarantee

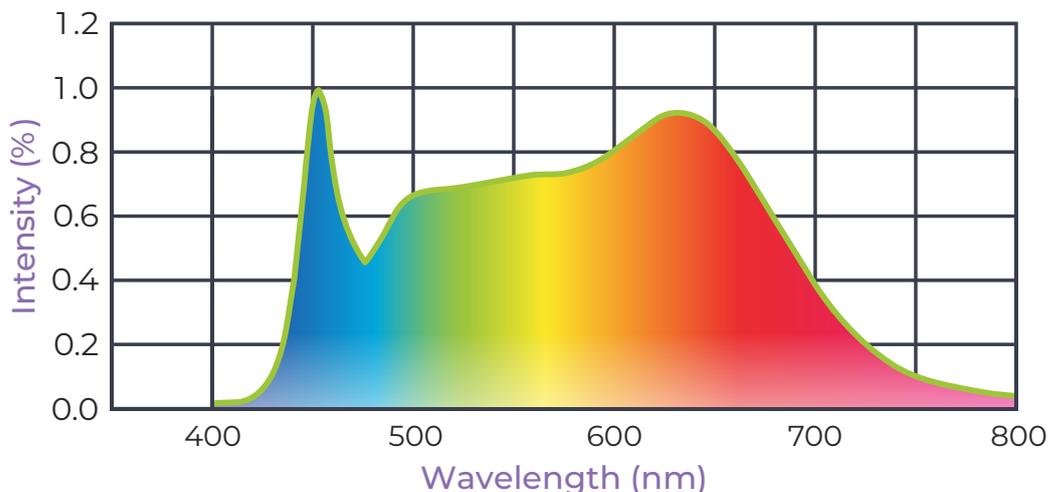
Features an exceptional 40,000-hour lifetime and a 3-year limited warranty.

Active Grow Sun White Spectrum Formula

PBAR Range (280-800 nm)

Plant Biologically Active Radiation

UV 280-400 nm	Blue 400-500 nm	Green 500-600 nm	Red 600-700 nm	Far-Red 700-750 nm	Infrared 750-800 nm
0%	19%	36%	38%	6%	1%



Blue 400-500 nm

Improves overall plant health and quality including taste, aroma, color and nutrition. Helps promote plant compactness and root development.

Green 500-600 nm

Increases overall plant photosynthetic efficiency and penetrates the canopy to encourage growth of lower leaves. Makes detecting issues like pests and disease on plants easier to see.

Red 600-700 nm

Promotes plant photosynthesis and increased biomass. Essential for leaf expansion and stem growth. Helps regulate plant flowering, photoperiod and germination.

FR/IR 700-800 nm

Promotes expansion and stretching of leaves and stems. Penetrates the canopy to encourage growth of lower leaves. When used with 660-680 nm wavelengths, plant photosynthesis rates increase via the Emerson effect.



22W 4FT HORTICULTURAL STRIP LIGHT



SPECIFICATIONS	22W 4FT LED HORTICULTURAL STRIP LIGHT (WS)
Model number	AG/22STRIP/4FT/WS
Power	22 watts
Input voltage	120V 50-60Hz
Rated power factor	>95%
PPF output (400-700 nm)	42 $\mu\text{mol/s}$
PBAR output (280-800 nm)	45 $\mu\text{mol/s}$
PPF efficacy	1.91 $\mu\text{mol/J}$
PBAR efficacy	2.05 $\mu\text{mol/J}$
Spectrum	Sun White Spectrum
CRI	95 (typical)
Dimensions (l x w x h)	47.24"x2.76"x1.77" (1200x70x45mm)
Weight	1.82 lbs (827 g)
Dimmable	No
Lifetime	40,000 hours
Warranty	3 years

AG-22STRIP-4FT-WS-DS-190820

