

# T5 HO PLUG & PLAY 4FT LED GROW LAMP



**24W LED**

**54W FLUORESCENT**  
REPLACEMENT



### Energy Saving & Lower Heat

Uses 50% less energy than 54W T5 HO 4FT fluorescent lamps, greatly reducing heat output 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.



### Plug & Grow – Direct Conversion Lamp

Suitable for use with a wide range of T5 HO Instant Start and Programmed start ballasts. Check the Active Grow Ballast Compatibility Guide online before installation.



### High PBAR Output & Efficacy

Ideal for use in commercial or home grow hydroponic applications for full-cycle plant growth of microgreens, leafy greens, flowers, vegetables and medicinal plants.



### ClearSync Shatterproof Technology

The lamp's ClearSync protective film improves water resistance and prevents glass shattering without sacrificing photon output.



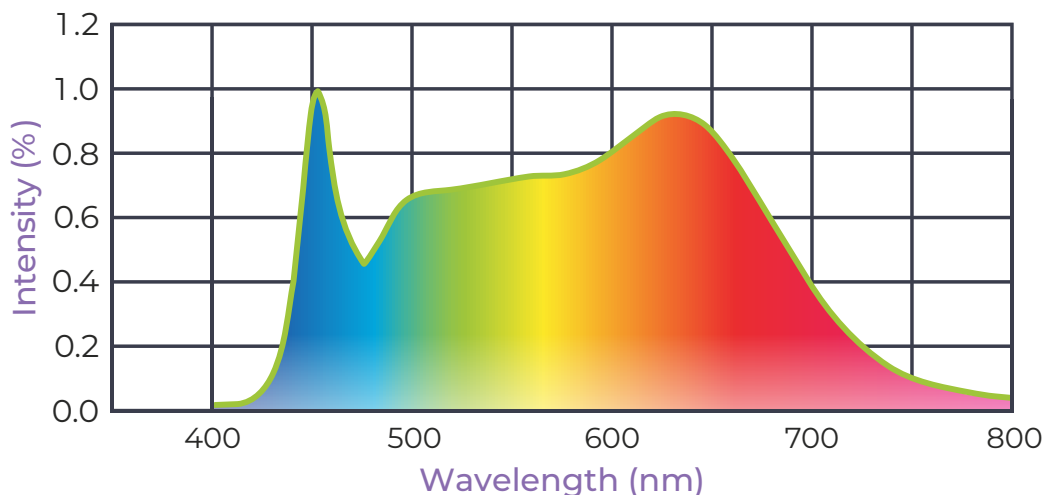
### Extra-Long Lifetime & Guarantee

Features an exceptional 30,000-hour lifetime and a 3-year 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.

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SPECIFICATIONS	T5 HO PLUG & PLAY 4FT LED GROW LAMP
Model number	AG/24T5HO/4FT/WS
Base	G5
Power	24 watts
Input voltage	120V 50-60Hz
Rated power factor	>95%
PPF output (400-700 nm)	50 $\mu\text{mol/s}$
PBAR output (280-800 nm)	54 $\mu\text{mol/s}$
PPF efficacy	1.79 $\mu\text{mol/J}$
PBAR efficacy	1.93 $\mu\text{mol/J}$
Spectrum	Sun White Spectrum
CRI	95 (typical)
Dimensions	45.63"x0.67"x0.67" (1159x17x17mm)
Weight	0.34 lbs (154 g)
Dimmable	No
Lifetime	30,000 hours
Warranty	3 years

\* Not compatible with single unit T5 HO fixtures

\*\* Photon efficacy includes 4 additional watts for ballast power. True power and PPF output will vary depending on ballast type used.