

# T5 HO PLUG & PLAY 2FT LED GROW LAMP



**12W LED**

**24W FLUORESCENT**  
REPLACEMENT



## Energy Saving & Lower Heat

Uses 50% less energy than 24W T5 HO 2FT fluorescent lamps, greatly reducing heat output and the need for more vertical space.



## Red Bloom Spectrum

Far-Red wavelengths boost light absorption, speed up plant growth and combine with Blue wavelengths to promote root development, budding and fruiting.



## 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 flowers, fruits, vegetables, germination and cloning.



## ClearSync Shatterproof Technology

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



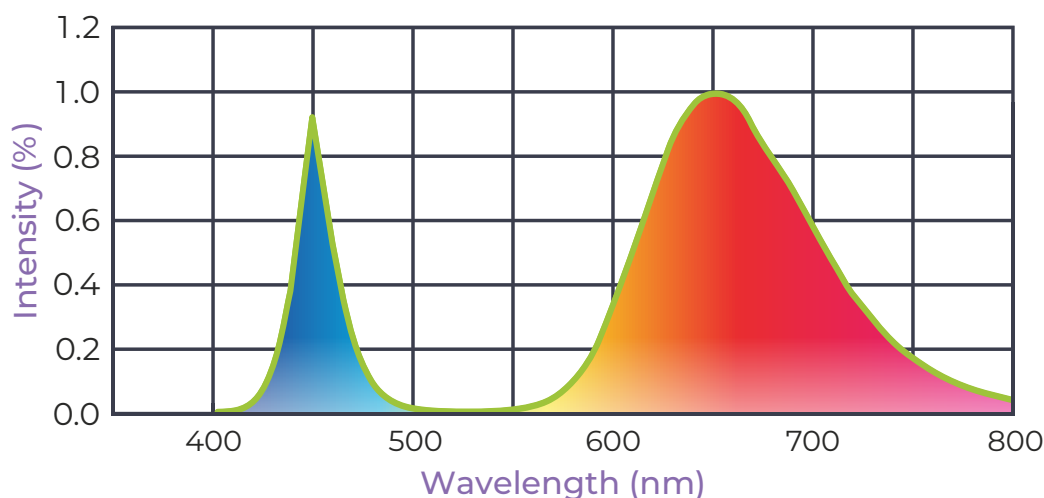
## Extra-Long Lifetime & Guarantee

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

## Active Grow Red Bloom 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%	17%	4%	63%	13%	3%



#### 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.

# T5 HO PLUG & PLAY 2FT LED GROW LAMP



SPECIFICATIONS		T5 HO PLUG & PLAY 2FT LED GROW LAMP	
Model number		AG/12T5HO/2FT/RS	
Base		G5	
Power		12 watts	
Input voltage		120V 50-60Hz	
Rated power factor		>95%	
PPF output (400-700 nm)		22 $\mu\text{mol/s}$	
PBAR output (280-800 nm)		26 $\mu\text{mol/s}$	
PPF efficacy		1.70 $\mu\text{mol/J}$	
PBAR efficacy		2.01 $\mu\text{mol/J}$	
Spectrum		Red Bloom Spectrum	
Dimensions		22"x0.67"x0.67" (563x17x17mm)	
Weight		0.17 lbs (81 g)	
Dimmable		No	
Lifetime		30,000 hours	
Warranty		3 years	

\* Not compatible with single unit T5 HO fixtures

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