

T5 HO 2FT 4 LAMP HORTICULTURAL FIXTURE



Energy Saving & Lower Heat

Uses 50% less energy than 24W T5 HO fluorescents when used with Active Grow 12W T5 HO LED lamps, saving over \$200 in energy costs over the lifetime of the lamps.*



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.



Premium Ballasts – Direct Conversion Lamps

Utilizes high-output Instant Start electronic ballasts selected specifically to provide reliable, long-lasting performance with Active Grow 12W T5 HO LED lamps.



ClearSync Shatterproof Technology

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



Ready to Grow

Comes complete with 4 LED tubes and 120V power cord which can also function as a daisy chain cable (connect up to 8 fixtures on a single 120V circuit).



Extra-Long Lifetime & Guarantee

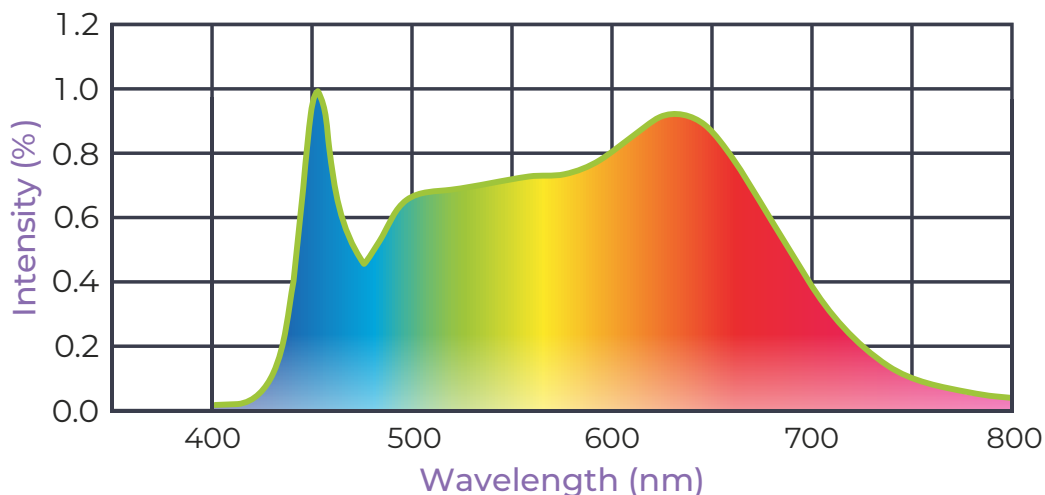
Active Grow 12W T5 HO LED lamps feature an exceptional 30,000-hour lifetime. Each fixture has a 3-year limited warranty.

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.

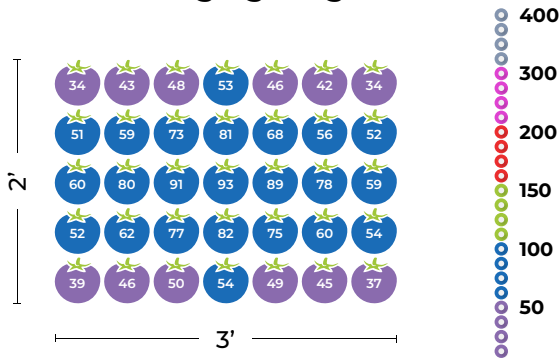


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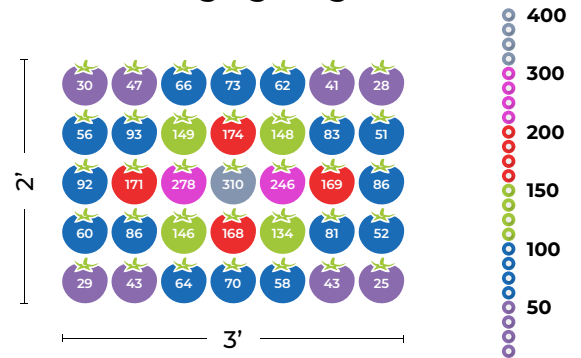
PPFD Coverage (280-800 nm)**

24" Hanging Height



Average: 59 $\mu\text{mol}/\text{m}^2/\text{s}$

12" Hanging Height



Average: 100 $\mu\text{mol}/\text{m}^2/\text{s}$

SPECIFICATIONS		T5 HO 2FT 4 LAMP HORTICULTURAL FIXTURE (WS)
Model number	AG/T5HO4FIX/2FT/WS	
Base	G5	
Power	64W (Active Grow 12W T5 HO 2FT LED lamps) / 108W (fluorescent lamps)	
Amperage	0.5A (Active Grow 12W T5 HO 2FT LED lamps) / 1.0A (fluorescent lamps)	
Input voltage	120V 50-60Hz	
Spectrum	Sun White Spectrum	
CRI	95 (typical)	
Dimensions (l x w x h)	23.8"x13.2"x2.6" (605x335x65mm)	
Weight	8.38 lbs (3.8 kg)	
Cord length	8' / 244cm	
Daisy chain capable	Yes (up to 8 fixtures on one 120V circuit)	
Dual on-off switches	No	
Dimmable	No	
Warranty	3 years	

* Savings per fixture based on \$0.12 / kW energy cost and 18 hrs / day lamp usage. 4x27W fluorescent lamps with 15,000-hour lifetimes. 4x13W LED lamps with 30,000-hour lifetimes. Additional wattage included for ballast power.

** PPFD readings taken using Active Grow 12W T5 HO 2FT LED Horticultural Lamps with Sun White spectrum in an Active Grow T5 HO 2FT 4 Lamp Horticultural Fixture. PPFD calculations were taken using an Everfine Plant Lighting Analyzer. Test results do not include reflective surfaces or adjacent lights. PPFD values cover PBAR range (280-800 nm).

