

T5 HO 4FT 4 LAMP HORTICULTURAL FIXTURE



25W T5 HO Ballast Bypass
4FT LED Lamp



Energy Saving & Lower Heat

Uses 60% less energy than 54W T5 HO fluorescents when used with Active Grow 25W T5 HO LED lamps, saving over \$480 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.



Bypass the Hassle – Line Voltage Lamps

Lamps run directly off line voltage 120-277V. No ballasts means no buzzing, flickering, compatibility or longevity issues, giving your plants pure, uninterrupted lighting.



Shatterproof Design

Each lamp's transparent PC body protects against water damage and 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. Dual on-off switches allow growers to run 2 or 4 lamps.



Extra-Long Lifetime & Guarantee

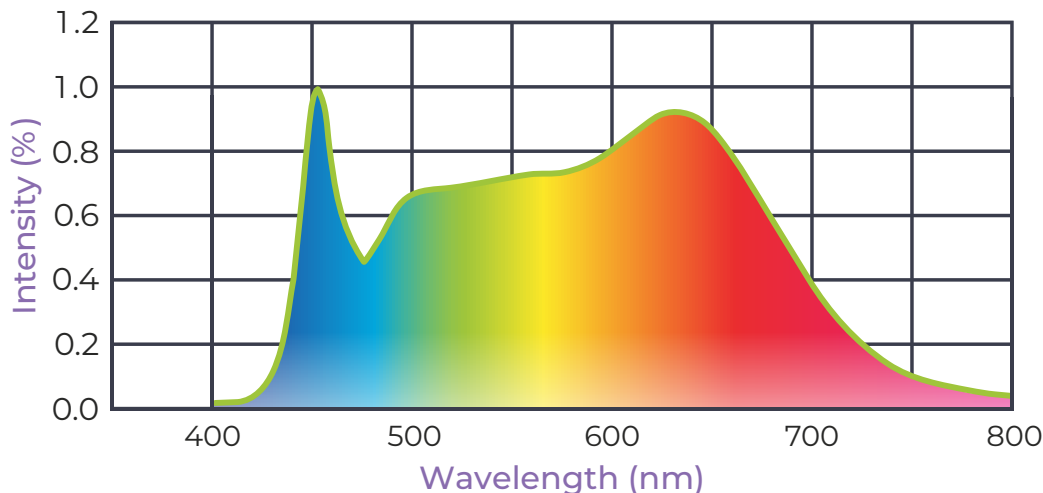
Active Grow 25W T5 HO Ballast Bypass LED lamps feature an exceptional 30,000-hour lifetime. Each fixture has a 3-year limited warranty.

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.

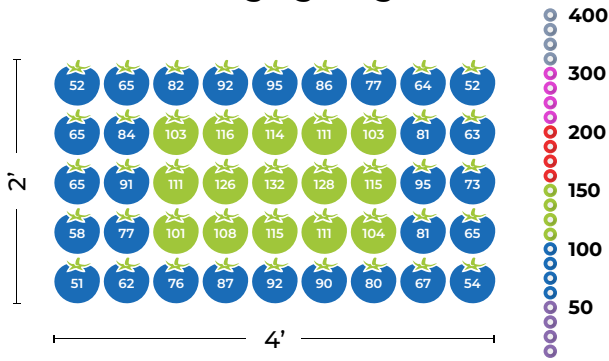


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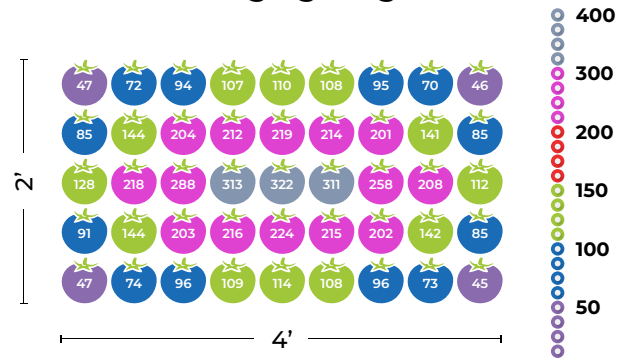
PPFD Coverage (280-800 nm)**

24" Hanging Height



Average: 87 $\mu\text{mol}/\text{m}^2/\text{s}$

12" Hanging Height



Average: 149 $\mu\text{mol}/\text{m}^2/\text{s}$

SPECIFICATIONS		T5 HO 4FT 4 LAMP HORTICULTURAL FIXTURE (WS)
Model number		AG/T5HO4FIX/4FT/WS
Base		G5
Power		100W (Active Grow 25W T5 HO 4FT LED lamps)
Amperage		0.83A (Active Grow 25W T5 HO 4FT LED lamps)
Input voltage		120-277V 50-60Hz
Spectrum		Sun White Spectrum
CRI		95 (typical)
Dimensions (l x w x h)		46.9"x13.2"x2.4" (1190x335x60mm)
Weight		13.93 lbs (6.3 kg)
Cord length		8' / 244cm
Daisy chain capable		Yes (max 8 fixtures @120V / max 16 fixtures @208V/240V/277V)
Dual on-off switches		Yes
Dimmable		No
Warranty		3 years
Optional accessories		240V plug adapter

* Savings per fixture based on \$0.12 / kW energy cost and 18 hrs / day lamp usage. 4x58.5W fluorescent lamps with 15,000-hour lifetimes. 4x25W LED lamps with 30,000-hour lifetimes.

** PPFD readings were taken using Active Grow 25W T5 HO Ballast Bypass 4FT LED Horticultural Lamps in Sun White spectrum and an Apogee Extended Range PFD Sensor. Test results do not include reflective surfaces or adjacent lights. PPFD values cover PBAR range (280-800 nm).

Note: This fixture is for use with Active Grow T5 HO Ballast Bypass 4FT LED lamps only. Fluorescent lamps may not be used with this fixture as it does not contain ballasts.

