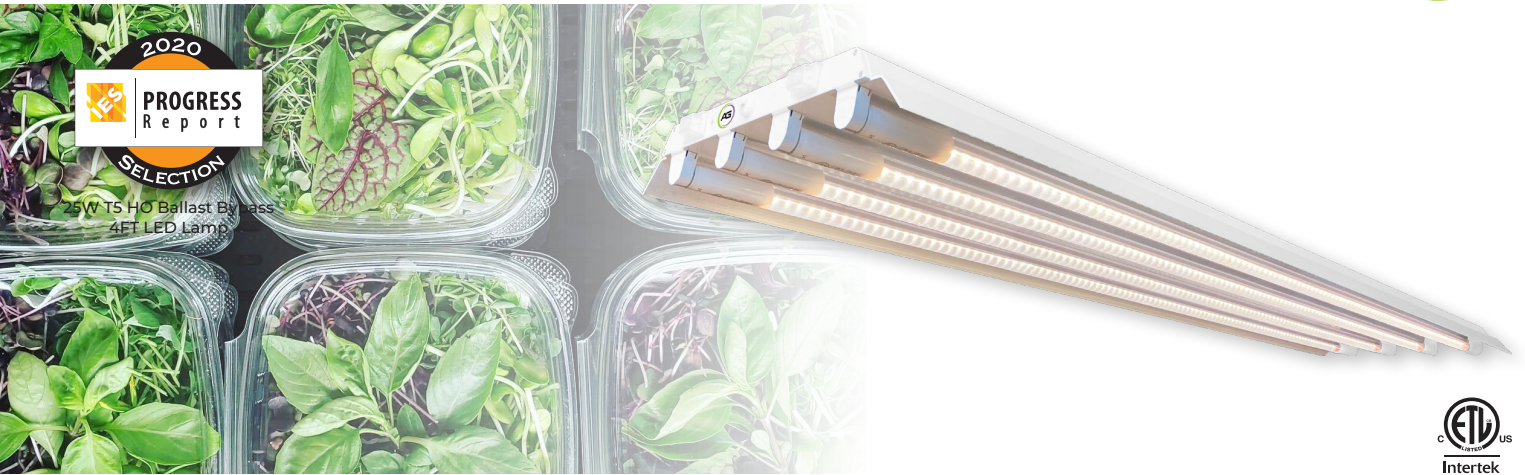



# T5 HO 2.0 4FT 4 LAMP LED GROW LIGHT



-  **Lightweight & Low Profile**  
New all-PC body provides growers with a lightweight (5.6 lbs), low-profile (1.7") and high-performance LED fixture with 10% higher PPFD output than previous generation.

 **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.

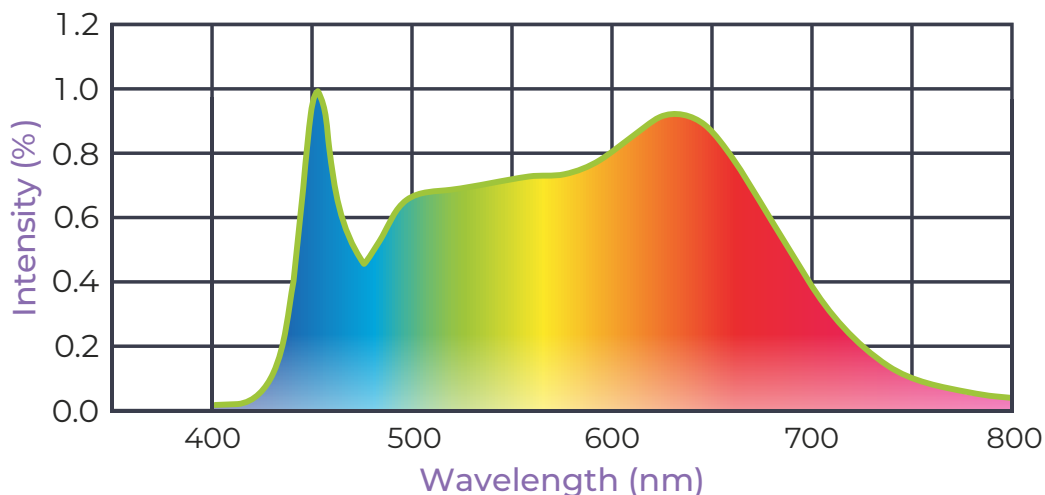
 **Ready to Grow**  
Comes complete with 4 LED tubes, 2 hanging hooks and 120V power cord which can also function as a daisy chain cable. Waterproof dual on-off switches let growers run 2 or 4 lamps.





 **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 warranty.

## Active Grow Sun White Spectrum Formula

### PBAR Range (280-800 nm) Plant Biologically Active Radiation

| UV<br>280-400 nm | Blue<br>400-500 nm | Green<br>500-600 nm | Red<br>600-700 nm | Far-Red<br>700-750 nm | Infrared<br>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.

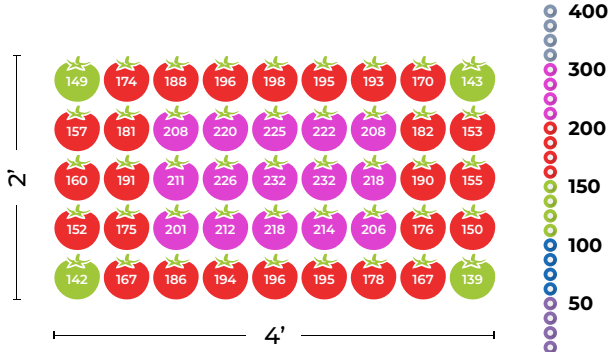
# T5 HO 2.0 4FT 4 LAMP LED GROW LIGHT



## PPFD Coverage (280-800 nm)

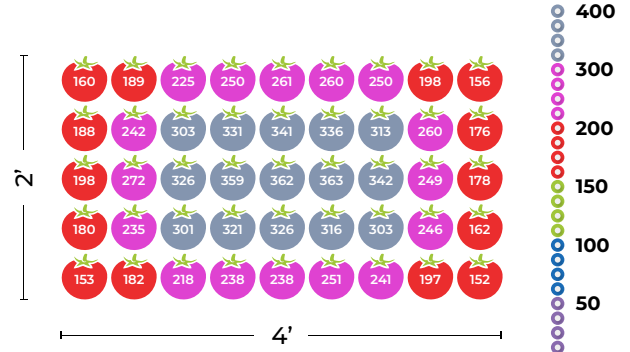
### Walden Tent 2'x4'

#### 24" Hanging Height



Average: 188  $\mu\text{mol}/\text{m}^2/\text{s}$

#### 12" Hanging Height

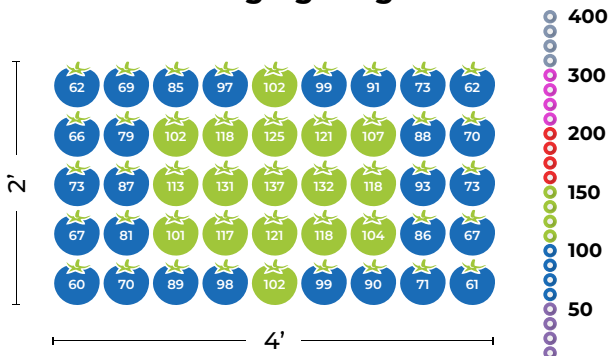


Average: 252  $\mu\text{mol}/\text{m}^2/\text{s}$

PPFD readings were taken in an Active Grow Walden Tent 2'x4' using Active Grow 25W T5 HO Ballast Bypass 4FT LED Grow Lamps in Sun White Spectrum and an Apogee Extended Range PFD Sensor.

### Open Floor 2'x4'

#### 24" Hanging Height



Average: 93  $\mu\text{mol}/\text{m}^2/\text{s}$

#### 12" Hanging Height



Average: 177  $\mu\text{mol}/\text{m}^2/\text{s}$

PPFD readings were taken using Active Grow 25W T5 HO Ballast Bypass 4FT LED Grow Lamps in Sun White Spectrum and an Apogee Extended Range PFD Sensor. Test results do not include reflective surfaces or adjacent lights.

| SPECIFICATIONS         | T5 HO 2.0 4FT 4 LAMP LED GROW LIGHT                          |
|------------------------|--|
| 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) | 46.5"x12.5"x1.7" (1181x318x43mm)                             |
| Weight                 | 5.6 lbs (2.5 kg)   |
| Cord length            | 6' / 183cm   |
| Daisy chain capable    | Yes (max 8 fixtures @120V / max 16 fixtures @208V/240V/277V) |
| Dual on-off switches   | Yes  |
| Dimmable               | No   |
| Warranty               | 3 years  |
| Certifications         | ETL  |
| 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.

**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.