

T8 HO 2FT LED GROW LAMP



9W LED

20W FLUORESCENT
REPLACEMENT



Energy Saving & Lower Heat

Uses 55% less energy than 20W 2FT T12 fluorescent lamps and bypasses the ballast to save even more energy, greatly reducing overall heat output.



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.



Bypass Installation

Installation requires bypassing the existing ballast and rewiring to a single end. Removing the ballast eliminates buzzing, flickering, compatibility and longevity issues.



High PBAR Output & Efficacy

Ideal for use in commercial or home grow hydroponic applications for flowers, fruits, vegetables, germination and cloning.



Wide Light Distribution

Evenly diffused 190° light distribution and a low operating temperature allow the lamps to be placed closer to plants to save space in vertical environments.



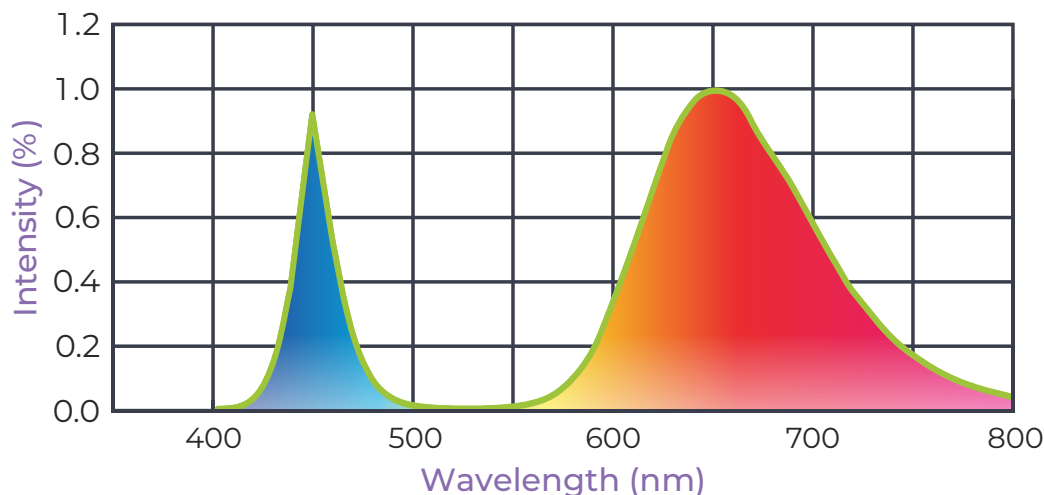
Extra-Long Lifetime & Guarantee

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.

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SPECIFICATIONS*		T8 HO 2FT LED GROW LAMP
Model number		AG/9T8BB/2FT/RS
Base		G13
Power		9 watts
Input voltage		120-277V 50-60Hz
Rated power factor		>95%
PPF output (400-700 nm)		15 $\mu\text{mol/s}$
PBAR output (280-800 nm)		17 $\mu\text{mol/s}$
PPF efficacy		1.67 $\mu\text{mol/J}$
PBAR efficacy		1.89 $\mu\text{mol/J}$
Spectrum		Red Bloom Spectrum
Dimensions		23.82"x1.10"x1.10" (605x28x28mm)
Weight		0.28 lbs (126 g)
Dimmable		No
Lifetime		30,000 hours
Warranty		3 years

* T8 fixture requires non-shunted lamp holders (tombstones).

AG-9T8BB-2FT-RS-DS-112322