

T8 22W 4FT LED HORTICULTURAL LAMP



32W FLUORESCENT REPLACEMENT

T8 22 WATT 4FT LED HORTICULTURAL LAMP

The Active Grow T8 LED Horticultural Lamp is an LED tube that replaces 32W fluorescent lamps and features increased PPF output, lower power consumption and 100% more effective spectrums for plant growth. The T8 LED Horticultural Lamp has a 190° beam angle for wide light distribution and runs cool, so it can be placed closer to plants and save space. The T8 LED Horticultural Lamp is suitable for use in commercial or home grow vertical farm racking systems for propagation, germination and tissue culture. Active Grow T8 Horticultural Fixtures (pre-wired & 120V) available by request.



Energy Saving

Uses 40% less energy than T8 4FT fluorescent lamps and bypasses the ballast to save even more energy.



Extra Long Lifetime

Features an extra-long 30,000 hour lifetime.



Sun White or Red Bloom Spectrum

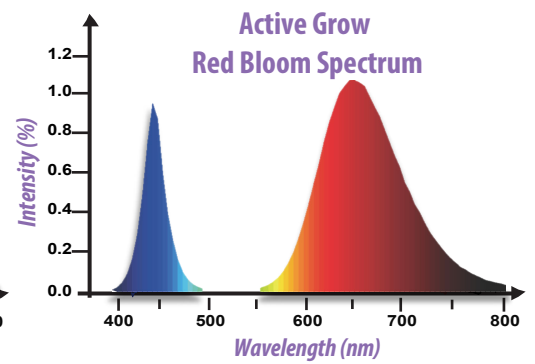
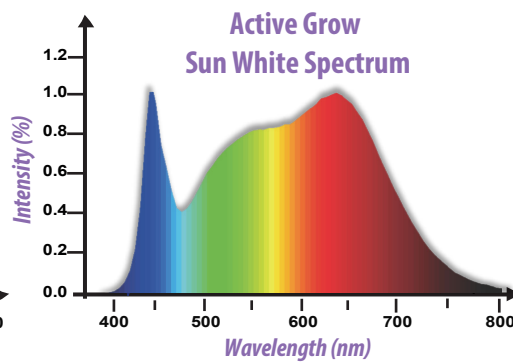
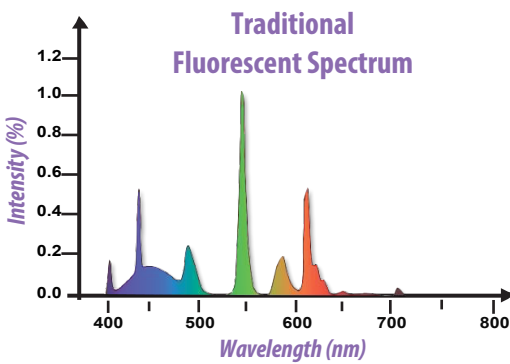
Choose between the Sun White spectrum with a high CRI that mimics natural sunlight light conditions and the Red Bloom spectrum which is focused specifically on 445 nm blue and 660 nm red wavelengths.



Bypass Installation

The T8 LED Horticultural Lamp works with the existing fluorescent fixtures but requires the user to bypass the ballast by re-wiring to single-ended power.*

Spectral Analysis



SPECIFICATIONS**	T8 4FT LED HORTICULTURAL LAMP (WS)	T8 4FT LED HORTICULTURAL LAMP (RS)
Model number	AG/22T8/4FT/WS/BB	AG/22T8/4FT/RS/BB
Power	22 watts	22 watts
Power input	120-277V 50-60Hz	120-277V 50-60Hz
PPF output (µmol/s)	45 µmol/s	42 µmol/s
Photon electrical efficacy (µmol/J)	2.0 µmol/J	1.9 µmol/J
Rated power factor	>95%	>95%
Spectrum	Sun White	Red Bloom
Dimensions (l x w x h)	47" x 1.02" x 1.02' (1194 x 26 x 26mm)	47" x 1.02" x 1.02' (1194 x 26 x 26mm)
Weight	0.40lb. / 181g	0.40lb. / 181g
Dimmable	No	No
Lifetime	30,000 hours	30,000 hours
Warranty	1 year	1 year

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

** Specification data is preliminary and subject to change.

