

65W E39 BASE HORTICULTURAL LAMP



65W LED
150W CFL
REPLACEMENT



Energy Saving & Lower Heat

Uses 55% less energy than a 150W CFL and emits less heat, saving over \$255 in energy costs over the lifetime of the lamp.*



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.



Traditional CFL Form Factor

Designed to replace mogul E39 base CFL grow lights in standard single-lamp fixtures like the Fluorowing, Econo Wing and others.



High PBAR Output & Efficacy

Ideal for use in commercial or home grow applications for young plants, as supplemental lighting during vegging and flowering and extending photoperiods.



Ready to Grow

Simple screw-in installation and universal voltage 120-277V compatibility (not for use with ballasts).**



Extra-Long Lifetime & Guarantee

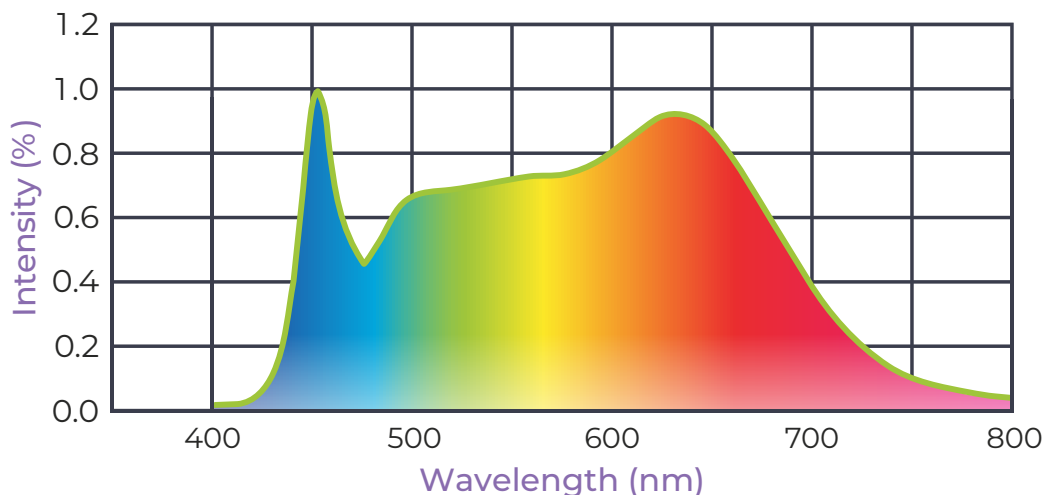
Features an exceptional 25,000-hour lifetime and a 1-year limited warranty.

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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SPECIFICATIONS	65W E39 BASE LED HORTICULTURAL LAMP (WS)
Model number	AG/65CLED/E39/WS
Base	E39
Power	65 watts
Input voltage	120-277V 50-60Hz
Rated power factor	>95%
PPF output (400-700 nm)	117 $\mu\text{mol/s}$
PBAR output (280-800 nm)	125 $\mu\text{mol/s}$
PPF efficacy	1.80 $\mu\text{mol/J}$
PBAR efficacy	1.93 $\mu\text{mol/J}$
Spectrum	Sun White Spectrum
CRI	95 (typical)
Dimensions	4.7"x13.8" (120x350mm)
Weight	1.29 lbs (584 g)
Dimmable	No
Lifetime	25,000 hours
Warranty	1 year

* Savings per lamp based on \$0.12 / kW energy cost and 18 hrs / day lamp usage. 1x150W CFL with 10,000-hour lifetime. 1x65W LED lamp with 25,000-hour lifetime.
 ** If used in an HPS fixture, the ballast must be bypassed.

AG-65CLED-E39-WS-DS-160720

