



LUSH

L I G H T I N G

TECHNICAL DATA SHEET

High Efficiency Agricultural Lights



Increase foliage, root growth and get closer node spacing to prepare for more flowers!

TECHNICAL DATA

Dimensions: Width 11 ¾"
 Length 19 ½"
 Height 3 ½"

LED qty: 150

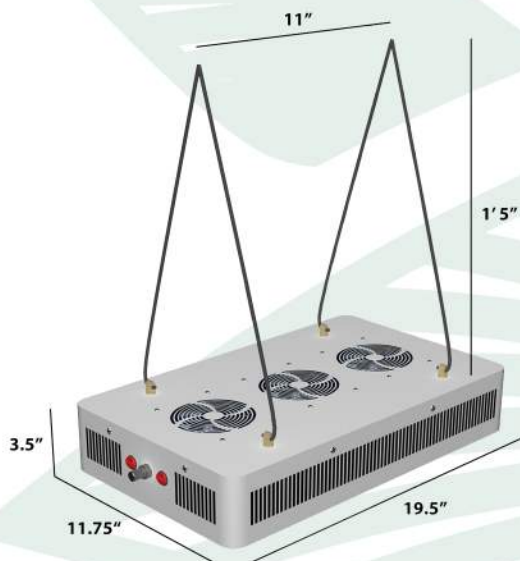
LED angle: 60° & 90°

Spectrum: UV to IR

Power: 50/60 Hz
 330 watts
 2.5/1.2 amps
 120/240 volts

Weight: 14.2 lbs

Requires a 5" minimum clearance on all sides



FEATURES

- Easy plug and play installation.
- Lifetime expectancy up to 50,000 hours.
- Powerful 330w LED grow light to replace top of the line 1000w Metal Halide grow light.
- 60° & 90° lenses direct light downward, eliminating the need for extra reflecting materials.
- Low heat emissions eliminate the need for excessive cooling and ventilation cost.
- Low radiant and ambient temperatures reduce de-humidification costs.
- Eco-friendly: Mercury free.
- Safe: Reduces risk of fire.
- Slender design allows for more growing area.
- Internal cooling fans and large aluminum heat sink plate.
- Mounting hardware included.
- Tempered steel construction, built to last.
- 90 day money back guarantee.
- 3 Year manufacturer's warranty.

DESCRIPTION

Vegetator is an innovative high intensity LED grow light designed specifically for vegetating green leaf plants. This intensity of energized photons has never been created by a grow light before now. Lush Lighting has found the combinations of these photons that push chlorophyll productions higher than every other light on the market! The increase in strength and vigor of plants under the Vegetator occurs immediately. This is one light you have to see in action for yourself! This cool running light will provide essential photons for chlorophyll, carotenoids, xanthophylls and phycobilins. Lush products fuel the entire photosynthesis process while providing a healthy living environment for beneficial microorganisms. This will be crucial in order for your plants to maintain a high level of photosynthetic activity. Our lights are also designed to reduce the stressful environments created by our competition... including the sun!

APPLICATION NOTES

- Designed specifically for vegetating green leaf plants.
- Max coverage over 4' x 4' area.
- Intense coverage over 3' x 3' area.
- Optimal coverage over 4' x 3' area.
- Dry locations only.
- Soil, Aero or Hydroponic gardens.
- Operating open-air ambient temperature range for rated life is 65°F to 90°F.
- Humidity range for rated life is between 10% and 60%.
- Horizontal and Vertical gardens.
- Grows tents and large green houses.
- Difficult areas like corners and closets.

DISTANCE	LUMENS	Par μ mole
18"	27,000	480
24"	17,000	280
30"	11,000	190
36"	8,500	140
42"	6,300	115

