



# LUSH

L I G H T I N G

## TECHNICAL DATA SHEET

High Efficiency LED Agricultural Lights

# HERBALVADOR

Increase the speed of cloning even over CFL! Faster growing plants will always yield more!

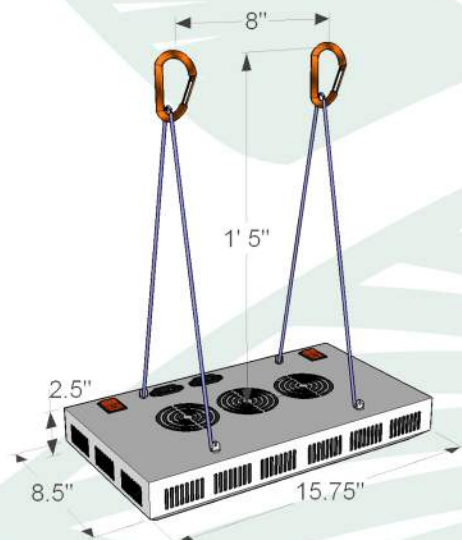


## TECHNICAL DATA

Dimensions: Width 8 ½"  
Length 15 ¾"  
Height 2 ½"

LED qty: 90  
LED angle: 60° & 90°  
Spectrum: UV to IR  
Power: 50/60 Hz  
180 watts  
1.5/0.8amps  
120/240 volts

Weight: 7.2 lbs  
Requires a 5" minimum clearance on all sides



## FEATURES

- Easy plug and play installation.
- Lifetime expectancy up to 50,000 hours.
- Powerful 180w LED grow light to replace top of the line 8 lamp 450w T5 HO fluorescent 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 keeps units below 100°F.
- Mounting hardware included.
- Tempered steel construction, built to last.
- 90 day money back guarantee.
- 3 Year manufacturer's warranty.

## DESCRIPTION

Herbal Vador is a smaller version of the Vegetator. Each 180w fixture produces 500% more overall light and 10% more energetic light than a 450w 8 lamp T5 HO CFL fixture. This is a unique blend of light spectums designed to speed up the growth rate of plants in the vegetative stage. The power and penetrating ability of the energized photons from this light will spring new life into your plants. The increase in strength and vigor under the Herbal Vador occurs immediately. Leaves almost defy gravity and stand up as if under genuine sunlight. We have enhanced the available photons for phycoerythrin and phycocyanin so they may collect and pass more light energy to the center of the chlorophyll pair. You will see an increase in the speed and quality of young plants under this light. With internal cooling fans and a slim design, this light fits into tight spaces. Tailored to early stages of growth, Herbal Vador is another quality addition for your garden!

## APPLICATION NOTES

- Designed specifically for vegetating green leaf plants.
- Keep 36" above clones at all times.
- Efficiently covers a 3' x 3' area for vegetation.
- Efficiently covers a 4' x 4' area for cloning.
- 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 $\mu$ mole
6"	80,000	1,600
12"	30,000	600
18"	16,000	300
24"	10,000	190
30"	7,000	130

