



Description:

100 watt LED Grow Light with a full spectrum, emphasizing the Blue and Red wavelengths. Generally, this light can replace up to a 200 watt HPS lamp.

Several of the benefits of this lamp include:

- Light Spectrum is efficiently absorbed by plants
- Save money on maintenance and electricity
- UL listed for damp location
- Long lasting – 50,000 hour expected LED life
- Cool running so light can be mounted close to plants

The lamp is designed as a retrofit that can be installed in an E39 Mogul base in an open or closed fixture. It accepts an input voltage of 120-277VAC.

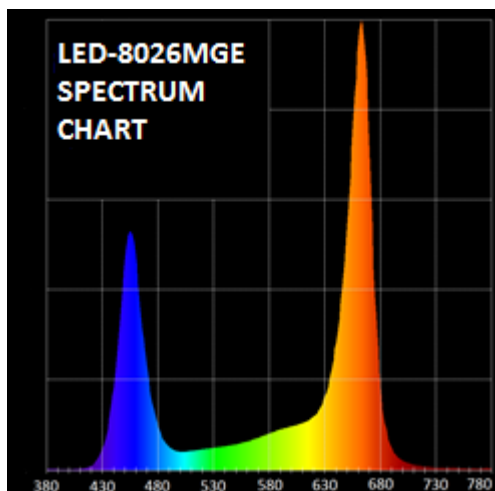
Applications:

This lamp can be used as a primary or supplemental light source for almost any type of indoor growing.

The light output has a very wide angle. It will provide the greatest benefit when mounted relatively close to the plants.

Notes:

- When installing LED-8000 series retrofit lamps within HID fixtures, ballast must be bypassed when present.
- Installing surge/lightning protectors is highly recommended to eliminate premature failure caused by surges and other power fluctuations
- All specification information falls within a +/- 5% range and is subject to change without notice.
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Technical Specifications	
Type	Retrofit
Mounting	E39 – Mogul Base
Material	Aluminum / Polycarbonate
Input Voltage	120-277 VAC
Power Consumption	90 watts
Power Factor	> 99
PAR Output (Center)	
6 inches	Est. 600 $\mu\text{mol}/\text{m}^2/\text{s}$
12 inches	Est. 275 $\mu\text{mol}/\text{m}^2/\text{s}$
18 inches	Est. 125 $\mu\text{mol}/\text{m}^2/\text{s}$
24 inches	Est. 80 $\mu\text{mol}/\text{m}^2/\text{s}$
LED Colors	Red, White, Blue
Coverage area	up to 3' by 3'
Dimmable	No
Beam Angle	Wide
Rated LED Life	50,000 hours
Dimensions	
Height	7.9 inches
Diameter	7.6 inches
Mercury/Lead content	None
Warranty	5 year limited