



The leader in smart horticultural lighting.

Focus on your plants, not changing bulbs.

The LED-based LumiBar horticultural light delivers the optimal spectrum and light level for multilayer crop production. Switch from fluorescent and incandescent fixtures to gain 50% more PAR per Watt and reduce lighting costs by half.

Apply the default settings or tune the LumiBar system to your preferred light intensity and color ratio for every stage of crop growth. Assess crop characteristics with the white setting.

Reliable illumination over time.

Unlike fluorescent fixtures, the LumiBar light provides reliable illumination at all temperatures and will not degrade. While other LED products require cobbling together parts, leading to unexpectedly high costs and complexity, the all-in-one LumiBar is ready to grow right out of the box. Plug it in and forget it.

Recommended Applications:

- Multilayer production (seedlings and young plants)
- Plant research
- Conditioned environments including climate cabinets, chambers and production units
- Vertical farming

Key Features:

- Tunable PAR-centric (400 to 700nm) ratio
- Far red 740 nm LEDs (optional)
- Fully adjustable intensity
- Consistent coverage area of 48" x 18"
- 0 – 200 micromoles at 12" above plants (fully adjustable)
- 175 Watts
- All-in-one simplicity
- RoHS compliant
- Industry's best customer service
- Rebate eligible
- 5-year warranty

LumiGrow LumiBar

Multilayer Plant Production and Research



Plug it in and forget it. The LumiBar from LumiGrow lets you focus on your plants, not changing bulbs.

Key Benefits:

- Eliminates complexity and cost with all-in-one solution
- Reduces energy use by up to 50% vs. other fixtures
- Pays for itself in electrical bill, bulb and time savings
- Provides long-lasting and consistent lighting
- Enables advanced plant growth control with patent-pending color balance system
- Avoids high heating loads and associated cooling costs
- Installs quickly and runs maintenance-free
- Operates safely in high-moisture environments

LumiGrow LumiBar Technical Specifications

Operating Voltage:	90-264 VAC (2.5A max)
Operating Frequency:	50Hz-60Hz
Typical Power Consumption:	175 Watts
Weight:	4 pounds
Dimensions:	3"W x 48"L x 3"H
Operating Temperature:	-4° F to 140° F (-20° C to 60° C)
Lifespan:	50,000 hours

LumiGrow LumiBar Output Spectrum

