

Project Name:

Type:

Notes:

Catalog No. LED - GRO - 2 - 4' - UNV -

- LG3 -

Features & Specifications

Applications:

Propagating vegetative and flowering plants in:

- Commercial greenhouses
- Growth Chambers
- Vertical farms
- Grow tents

Specification:

- Extruded aluminum construction
- Stainless steel hardware
- Tool-less entry driver channel
- Driver channel located laterally to LED boards to reduce heat and extend life of electronics
- Designed with high efficiency in mind to produce high Photosynthetically Active Radiation (PAR) values with low wattages
- Customizable form factors
- Slim 1.5" profile

Finish:

- LED BARs/driver channels - Clear anodized BriteDip technology for added corrosion resistance
- Encaps - powder-coated (Traffic Purple) (RAL 4006).

Installation:

- Easily accommodates aircraft cables and adjustable rope hangers
- Surface Mount option
- Preinstalled cord (optional)

Electrical:

- 120-277VAC autosensing input voltage.
- 0-10% dimming standard
- Ambient operating temperature Recommended: -25°C to 65.5°C (-13°F to 155°F)
- Tunable drivers and internal circuiting is available for specialized performance and control

LED Life Ratings:

- L70 (30% depreciation) = 90,000 Hours

Warranty:

- 10 year warranty on entire fixture body.
- 5 year warranty on LED drivers and LED boards

Dimensions: 46" x 10" x 2"

Weight: 10 lbs.

LUX-LED-BAR

GRO Series

Extreme Efficiency – LED Growlight
Image shown with optional lenses
Cross section shown with optional lenses



Performance: PPF: 484 μmol/sec

DLI per 1 hour at 12": Max = 2.434

Avg = 1.17

Min = 0.084

Input Wattage: 267.5W

Radiometric Power: 85.32W

5.22 μmols/sec/radiometric watt

Ordering Information

LED-GRO Series	2 LED-Bars	UNV Voltage	Access	LG3 CS	Options	Options	Options	Options	Options
LED	Bars	PPF (With Lens)	Top Driver access from the top	Color Spectrum:	Cord				
Single Channel	2 -	484	Standard	LG3: Far Red: 700-799nm	C4/10 4-Conductor, White 10'				
Design	4 -	968	Bottom Driver access from underside	Red: 600-699nm	C4/15 4-Conductor, White 15'				
	6 -	1452		Green: 500-599nm	C5/10 5-Conductor, White 10'				
				Blue: 400-499nm	C5/15 5-Conductor, White 15'				
					Plug				
					SB - 120V Straight Blade				
					TL# - Twist-Lock Plug NEMA LP#				
					please provide NEMA LP number with this option				
					Mounting				
					H2-16Y 2'-16' adjustable Y-fit hook (24" Y/15')				
					H5-20Y 5'-20' adjustable Y-fit hook (60" Y/15')				
					SM - Surface Mount				
					Lens				
					LADC-4' - Lens Acrylic Diffused Clear				
					Wire Guards				
					Consult Factory				
					Lens Door Frame				
					Consult Factory				
					Continuous Power				
					Consult Factory				

Optional endcap finishes available.
PCF (RAL #)
Traffic Purple (RAL 4006) – standard.



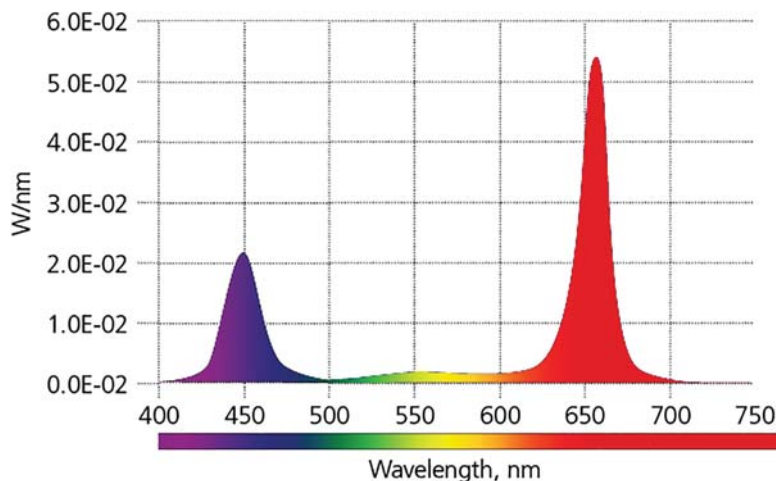
UL 1598 damp location listed



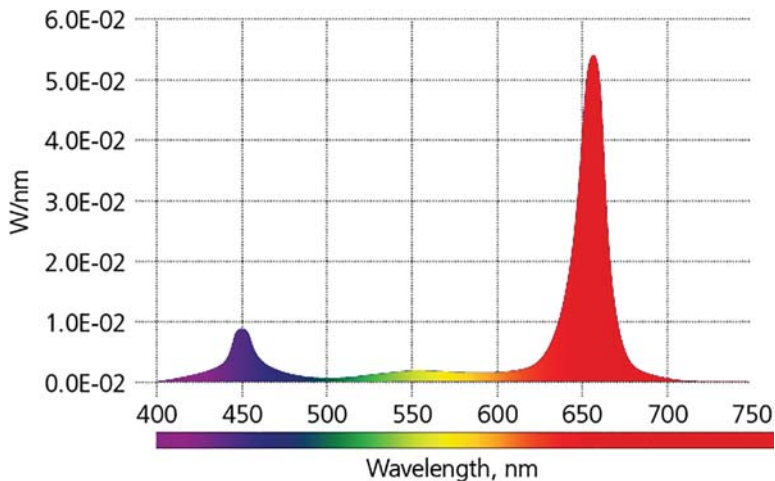
Photometrics and Chromaticity

LG3 Spectrum

The LG3 spectrum was specifically designed to bring plants all the way through their vegetative and flowering stages with our scientifically designed adjustable red light/blue light spectrum that allows the user to hold plants in vegetative growth with 3:1 ratio of red to blue, and induce flowering with 5:1 ratios.



Vegitative state



Flowering state