

VARIUS LED Series

90W Red Spectrum LED Linear Grow Light

FEATURES

- Broad spectrum white LED with enhanced red spectral performance ideal for flowering and fruiting cycles
- Each VARIUS LED bar is supplied with a pre-wired, on-board driver and quick-connect cable system
- Powerful magnets allow the VARIUS LED to attach directly to pallet rack frames for easy adjustment of bar spacing to customize light intensity and uniformity
- Optional AC supply harness (AG-8-H) for simplified wiring of up to eight bars
- Optional mounting frame (AG-FRAME) offers customizable spacing and spectrum blending, allowing adjustability for any mounting application
- Listed to UL8800



SPECIFICATIONS

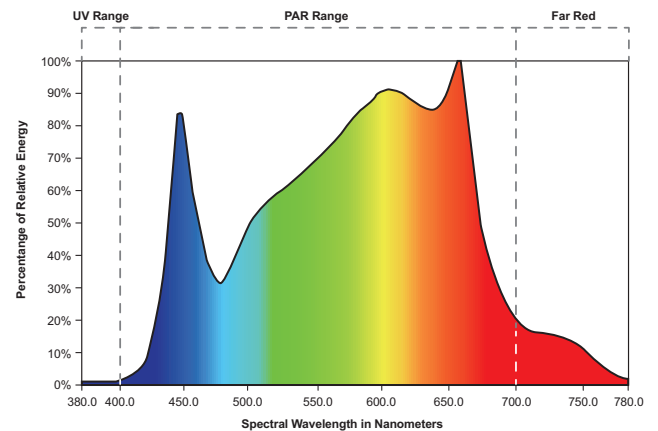
Number of Bars	Single Bar*	8 Bars**
PPF (400-700nm) $\mu\text{mol/s}$	178	1,424
PPF Efficacy (400-700nm) $\mu\text{mol/J}$	2.0	
Lumens	10,300	82,400
CRI	≥ 90	
Mounting Height	12" to 36"	
Power Consumption	90W	720W
Input Voltage	120-277 VAC	
Amps @ 120V	0.75A	6.0A
Amps @ 240V	0.38A	3.0A
Amps @ 277V	0.33A	2.7A
Operating Frequency	50/60Hz	
Operating Temperature	-20°C to 40°C (-4°F to 104°F)	
Dimming	1-10V	
Environment	Damp Location	
Power Factor (PF)	$\geq .98$	
Certifications	ETL / UL8800	

* Single Bar mounted 18" above canopy.

** Typical Veg Application with eight (8) AG90-R bars spaced 6" apart and mounted 24" above canopy.

OTHER SPECTRUMS

- Full-Spectrum - [AG90-W-001](#)
- Blue Spectrum - [AG90-B-001](#)



ORDERING INFORMATION

Example: AG90-R-001

Series/Configuration	Description
AG90-R-001	LED Light Bar, Red Flower Spectrum, 90W, 120-277VAC Input, 1-10V Dimming, Black Extrusion w/Red End Caps and Driver Connectors, 120VAC Straight Blade Line Cord

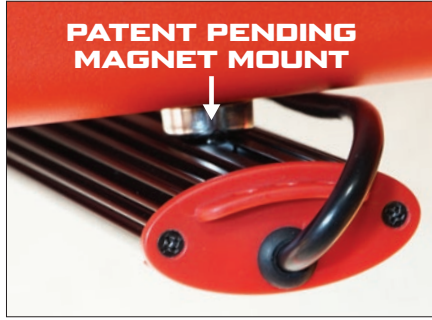
Accessories *Order as separate line item for final installation in the field	
AG-240-LC	240VAC Straight-blade (NEMA 6-15P) Line Cord, 5' Length, for use with AG90 Bars or AC Supply Harness
AG-277-L-LC	277VAC Twist-lock (NEMA L7-15P) Line Cord, 5' Length, for use with AG90 Bars or AC Supply Harness
AG-8-H	Multi-port, 16AWG, AC Supply Harness for Linking up to Eight (8) Bars
AG-FRAME	2'x4' Mounting Frame

*Consult factory for additional accessories

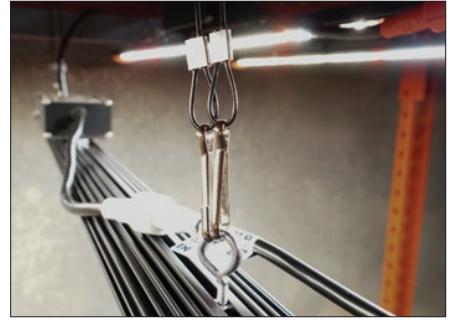
ON-BOARD DRIVER



STANDARD MAGNET MOUNT

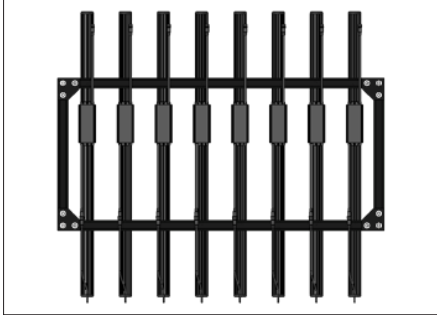


INCLUDED SAFETY CABLE

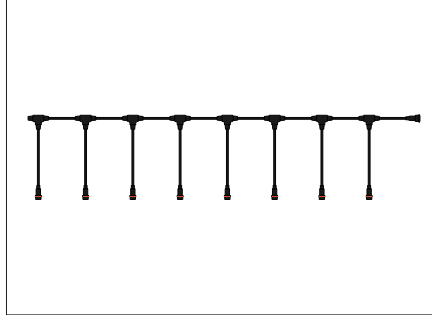


ACCESSORIES

2'x4' AG-FRAME



AG-8-H-8 BAR CONNECTOR



AG-240-LC 240VAC CORD W/ PLUG



AG-277-L-LC-277VAC CORD W/ PLUG



RACK DETAIL ILLUSTRATING MAGNET MOUNTING



DIMENSIONS



WEIGHTS

Model	Unit	Packaged Weight
AG90-R-001	4.8 lbs (2.2kgs)	5.2 lbs (2.6kgs)

Specifications are subject to change without notice. Installation must be performed in accordance with Barron Lighting Group installation instructions.

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