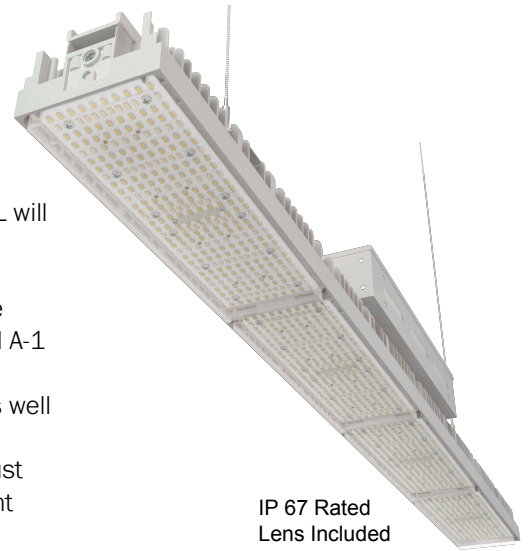


# LINEA-48XL

## Description:

Perfect for greenhouse applications, our most powerful and modular Linea-48XL will minimize shadowing while allowing the grower to change out the circuit boards should he choose to switch the spectrum or increase the efficacy as technology changes. The proprietary thermal management system radiates less heat at the same time delivering unprecedented light levels and uniformity. Our finely-tuned A-1 Entire Life Cycle spectrum has proven itself at universities and various grow environments to improve the shape and taste while cutting operational costs as well as shorten grow cycles. We believe our standard 10-year warranty on the LED boards and 7-year warranty on the drivers says volumes about how well its robust engineering will stand up to the harsh environment of a greenhouse environment resulting in a significant opportunity to increase ROIs & yields.



IP 67 Rated  
Lens Included

## SPECIFICATIONS

### Performance

PPF: 767  $\mu\text{mol/s}$   
PPFD: 944  $\mu\text{mol/sec/m}^2$  (3' x 8' Area)  
System Power: 333 W  
Efficacy: 2.3  $\mu\text{mol/J}$   
Mounting Height: 24" Above Canopy  
Optic: 120°

### Warranty:

LEDs: 10-Years  
Drivers: 7-Years

### Materials:

LEDs: 1232 High Powered Energy-Efficient Osram Chips  
Frame: Corrosion Resistant Powder Coated Steel (<5% Zinc)  
Bars & Heat Sink: Extruded Aluminum  
Modular Construction: (enables grower to change out PCBs)

### Spectrum: A1

Thermal: 100% Passive

### Rating: IP 67

Expected Life:  $\geq 100,000$  hrs.

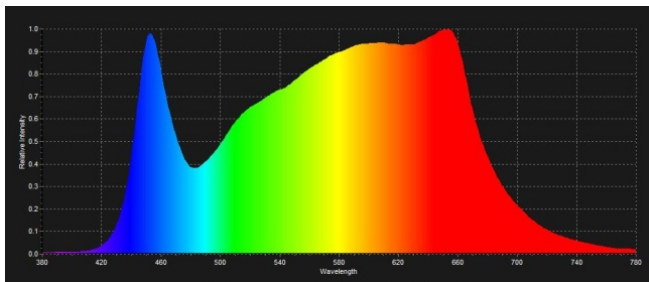
Available Optics: 120° x 120°

### Electrical:

Voltage: Auto-Sensing 120-277VAC, 347-480V Optional  
Surge Protection: 6kV  
Dimming: 0-10V  
Power Factor: 0.999  
Current THD: 4.39%

### Misc:

Weight: 19.0 lbs.  
Dimensions: 4.5" x 48"  
Cord Length: 15-ft cord (3-conductor std).  
Finish: White



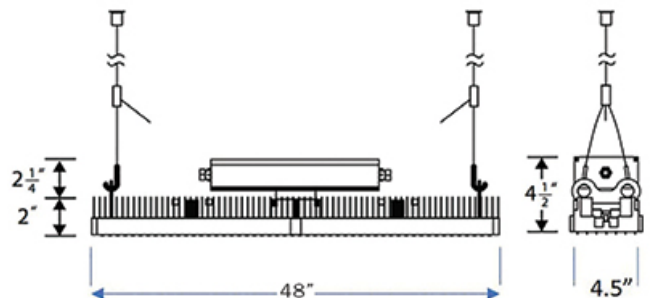
**A-1 Spectrum**

### Single Spectrum for the Entire Life Cycle

(Custom Spectrums available upon request)



| Maximum Amperage by Voltage Service |       |       |       |       |       |       |
|-------------------------------------|-------|-------|-------|-------|-------|-------|
| Voltage                             | 120V  | 208V  | 240V  | 277V  | 347V  | 480V  |
| Amperage                            | 2.86A | 1.65A | 1.43A | 1.24A | 0.99A | 0.71A |



| SERIES     | SYSTEM POWER | OPTIC       | INPUT VOLTAGE        | POWDER COAT FINISH | CORD LENGTH        |
|------------|--------------|-------------|----------------------|--------------------|--------------------|
| LINEA 48XL | 333W         | 120° x 120° | 120-277V<br>347-480V | White (Standard)   | 15 Foot (Standard) |