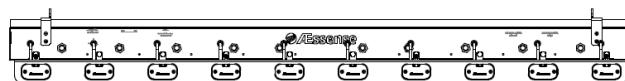
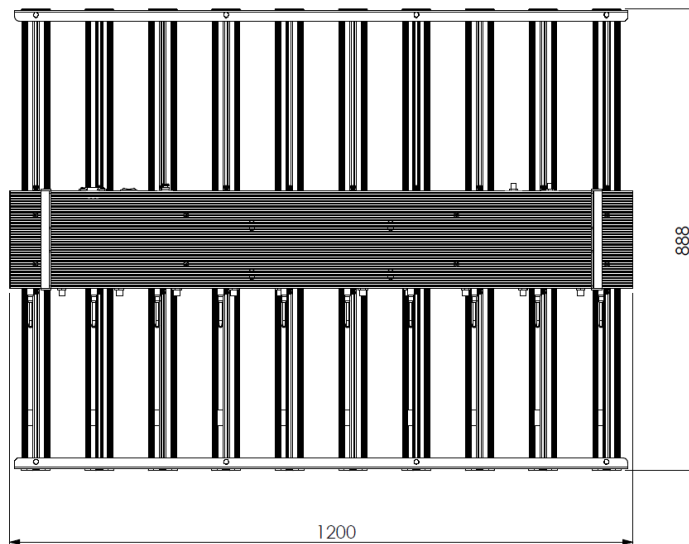


1281 Reamwood Ave.  
Sunnyvale, CA 94089  
Toll Free: 1-800-369-8673  
Office: 1-650-564-3058



## AEpic LBR001 LED Fixture

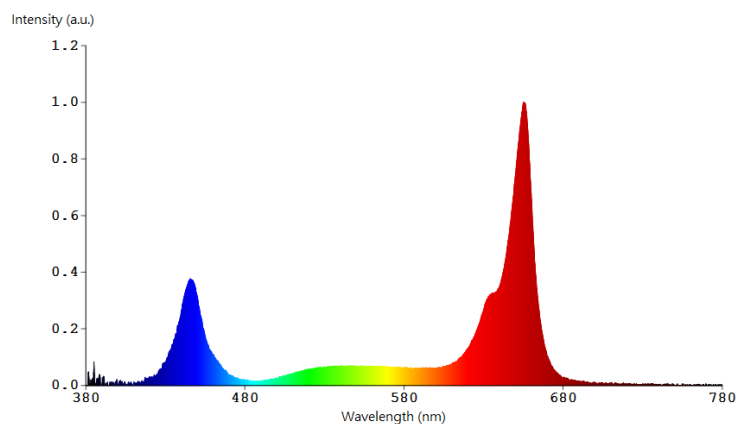
LED Grow Light Bars, 100-240V, 500W  
Guardian™ control over AES Link



## Specifications

	Min	Typ	Max
<b>Input Voltage</b>	100 V <sub>AC</sub>	–	240 V <sub>AC</sub>
<b>Input Frequency</b>	50 Hz	–	60 Hz
<b>LED Power</b>	–	500 W	–
<b>Power factor</b>	–	0.9	–
<b>Turn-on Delay Time</b>	6 s	–	8 s
<b>Gap between bars</b>	–	12.2 cm	–
<b>Number of bars</b>	10		
<b>Number of LEDs per bar</b>	44		
<b>PPFD 6" below light (μmol/s/m<sup>2</sup>)</b>	–	–	1028
<b>PPFD 12" below light (μmol/s/m<sup>2</sup>)</b>	–	–	870
<b>Thermal management</b>	Passive		
<b>Operating Temperature</b>	-20 °C (-4 °F)	–	40 °C (104 °F)
<b>Storage Temperature</b>	-40 °C (-40 °F)	–	60 °C (140 °F)
<b>Dimensions (L x W x H)</b>	1194 mm x 889 mm x 132 mm (47" x 35" x 5.2")		
<b>Weight</b>	21.1 kg (46.5 lbs)		
<b>Lifetime</b>	50000 hrs		
<b>Warranty</b>	3 yrs		

## Wavelength Distribution



# Photon Flux Distribution

Measured at 500W with fixture centrally hanging at pre-determined height above a 4'x5' grow area.

