

VertiMax

640W WATT LUMINAIRE



P.L. LIGHT SYSTEMS

THE LIGHTING KNOWLEDGE COMPANY



DELIVERING MAXIMUM SPACE AND YIELD EFFICIENCIES

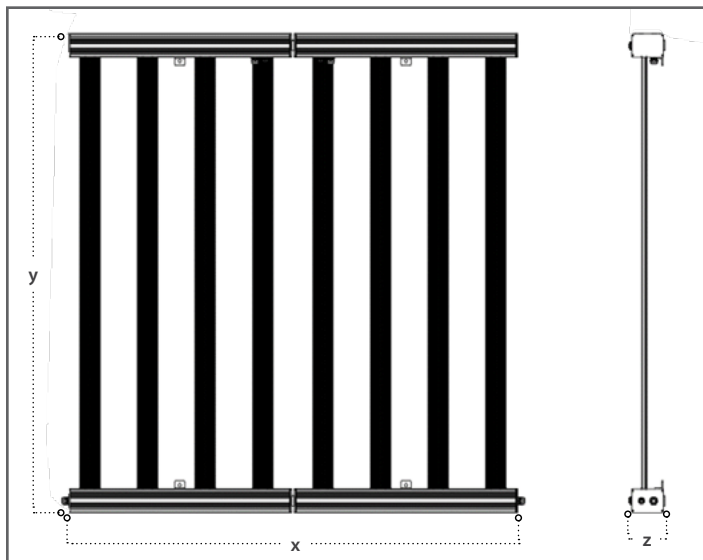
The VertiMax is a high-output LED lighting solution that delivers optimal lighting performance in both single- and multi-tier lighting applications.

With a PAR output of 1800 $\mu\text{mol/s}$ and a system efficacy of 2.8 $\mu\text{mol/J}$, the 640W luminaire offers exceptional performance and big energy savings. Designed to deliver light uniformly across the entire width and length of the grow rack, the VertiMax enables maximum space and yield efficiencies.

KEY FEATURES & BENEFITS INCLUDE:

- Broad spectrum optimized for full growth cycle in sole source applications
- Integrated driver for reduced installation time and expense
- Ultra low-profile design and low radiant heat output, lends itself ideally to vertical applications or in rooms with limited ceiling heights.
- Simple plug-and-play platform
- Delivers optimum light levels across the length and width of shelf—while minimizing light loss off the sides of the shelf.
- Dimmable for seamless integration with compatible control systems
- Daisy-Chainable

CALL 1.905.563.4133 TODAY AND ASK FOR A DETAILED LIGHT PLAN!

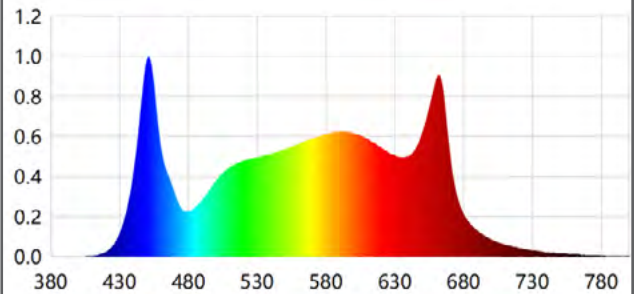


DIMENSIONS				
Length (x)	Width (y)	Height (z)	Weight	
45.05 in (1144 mm)	46.76 in (1187 mm)	3.07 in (78 mm)	120-277V 27.56 lb. (12.5 kg)	277-347V 33.07 lb. (15.0 kg)



OPTIMIZED SPECTRAL DISTRIBUTION

The VertiMax offers a balanced, broad spectrum—ideal for all stages of crop growth and optimal visual comfort.



TECHNICAL SPECIFICATIONS†

RATED MAIN VOLTAGE	120-277V	277-480V
POWER	640W	
LIGHT SOURCE	LED	
SYSTEM EFFICACY	2.8 $\mu\text{mol/J}$	
FLUX	1800 $\mu\text{mol/s}$	
POWER FACTOR	>0.95	
INPUT FREQUENCY	50/60Hz	
DIMMING	1-10V	
LIFETIME	50,000 hrs	

† Accurate to $\pm 10\%$

Maximum ambient operating temperature of 40°C



P.L. Light Systems develops and manufactures supplemental lighting systems for the horticultural industry.



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