



ROI-E900



UL 8800
CERTIFIED



1,000W
Boost



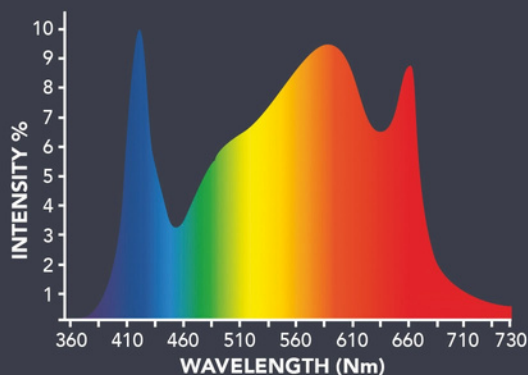
Controller
Compatible



Full Phase
Spectrum



Introducing the Grower's Choice ROI-E900, the new LED series, Heavyweight. This XL 8 bar powerhouse commercial fixture boosts up to 1,000 watts of supercharged photon output, earning its nickname "Fat Boy". Using Growers Choice's proven PAR formula, the ROI-E900 radiates across 4'x5' grow spaces utilizing our unique PAR formula and 3k-full phase spectrum producing tremendous light output and canopy coverage. Designed to accommodate commercial cultivations with wider tables or trays, the ROI-E900 provides the highest potential for extended coverage, penetration, and quality yields. The ROI-E900 will give you MORE POWER & MORE FLOWER, hands down!



High Performance:



Energy Saving and Easy HVAC :



Total Control:

The ROI-E900 is controllable with Grower's Choice Master Controllers and is compatible with all quality master controllers. Cultivators can set the fixture to turn off and on at desired times, program sunrise/sunset settings, program dimming options and set protective fail safes to dim or turn off fixtures in the event of excessive room temperatures, such as in the event of HVAC failure, potential saving gardens from heat damage.



Compatible with
Grower's Choice Master Controller

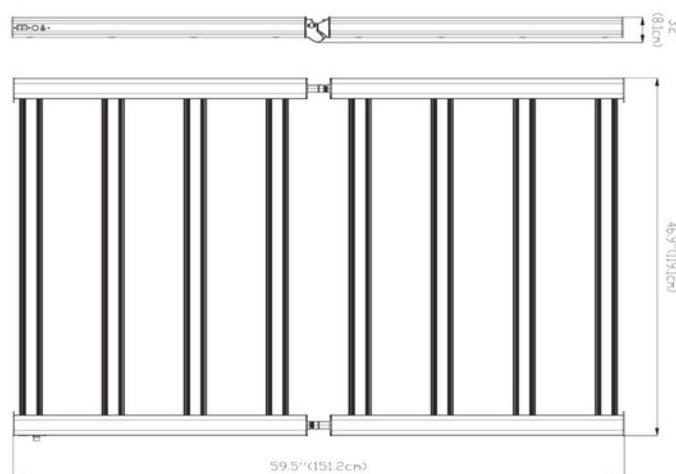


SPECIFICATIONS

Item	Model	ROI-E900
Light Source		LED
Spectrum		GC-3KF Full Phase
PPF ($\mu\text{mol/J}$)		2340-2600 $\mu\text{mol/s}$
Input Power		950W+ EXT Control Boost
PPE ($\mu\text{mol/s}$)		2.6 $\mu\text{mol/J}$
Color Render Index/weight		≥ 86
Fixture Dimension (L*W*H)		46.9"L x 59.5"W x 3.2"H / 119.1cm x 151.2cm x 8.1cm
Fixture Weight		45lbs / 25kg
Mounting Height		$\geq 6"$ (15.2cm) Above Canopy
Thermal Management		Passive
Power Driver		Isolated Driver
Driver Efficiency		$\geq 90\%$ (220 Vac Input)
Dimming		0-10V & Step Dimming
Dimming Range		10%~100%
Light Distribution		120°
Maximum Ambient Temperature		104°F / 40°C
Power Factor		$>90\%$
Certifications		UL8800, UL1598, IP65
Lifetime		L90>54,000 hrs
Warranty		5 Years Standard Warranty

AMPERAGE BY VOLTAGE SERVICE @ 900W

VOLTAGE	120V	208V	240V	277V
AMPERAGE	8.9A	5A	4.5A	3.8A



* PPF calculations complied using our in-house integrating sphere measurements and typical spectroradiometric data for each LED to determine the fixture performance. Actual photometric results may vary within the LED's manufacturer's bin tolerance.

* Wattage values are typical expected values. TSL Horti Tech maintains a tolerance of +/- 10% range on flux and power consumption. Target light level can vary from projected levels depending on ambient temperature, room reflections values, and other conditions.



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