

SPECIFICATIONS

Light Source	LED	
Spectrum	High blue to red ratio, extra high red to far red ratio	
PPF	1250 $\mu\text{mol/s}$	
Input Power	500 W	*Tolerance +/- 2%
Efficacy	2.5 $\mu\text{mol/J}$	
Input Voltage	120/277 VAC	
Input Frequency	60 Hz	
Inrush current	220 VAC: 4.7 A ² s, 7.64 ms	
Fixture Dimensions	12.2" W x 8.3" L x 7.7" H	
Weight	17.9 lb	
Input connector	Wieland or free cable end	
Mounting Height	Trellis mounted	
Enclosure material	Tempered AR-glass, Powder coated steel enclosure	
Heat sink material	Anodized aluminum	
Thermal Management	Passive	
Dimming	0-10 V, PWM*	*on request
Dimming connector	M12	
Automation interface	Netled lighting automation	*Greenhouse automation compatible (0-10 V)
Beam angle	120°	
Lifetime (L90)	40 000 h	
Power Factor	99 %, 96 %	120 VAC, 277 VAC
Operating temperature	0-40 °C	
Storage temperature	-20-40 °C	
Ingress Protection Rating	IP55, suitable for wet locations	
Certifications	CE, RoHs	
C16 installation quantity	2, 2	120 VAC, 277 VAC
Warranty	3 Year Standard	

Suitable for indoor and greenhouse use

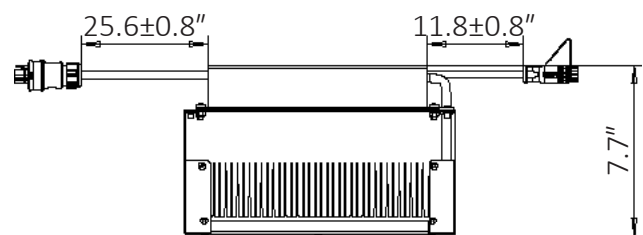
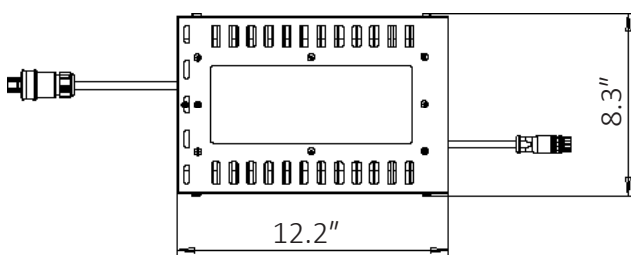


This luminaire is specifically designed for cultivation of Cannabis sativa L. based on top research data available for lighting effects on total cannabinoid yield.

Special features include high R:FR ratio and high blue content which is known to promote total cannabinoid yield up to 23%.

Coverage areas:

21 square foot at PPF level of 700 $\mu\text{mol/s} \cdot \text{m}^2$ at 4 ft
30 square foot at PPF level of 500 $\mu\text{mol/s} \cdot \text{m}^2$ at 5 ft



UL certification pending

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