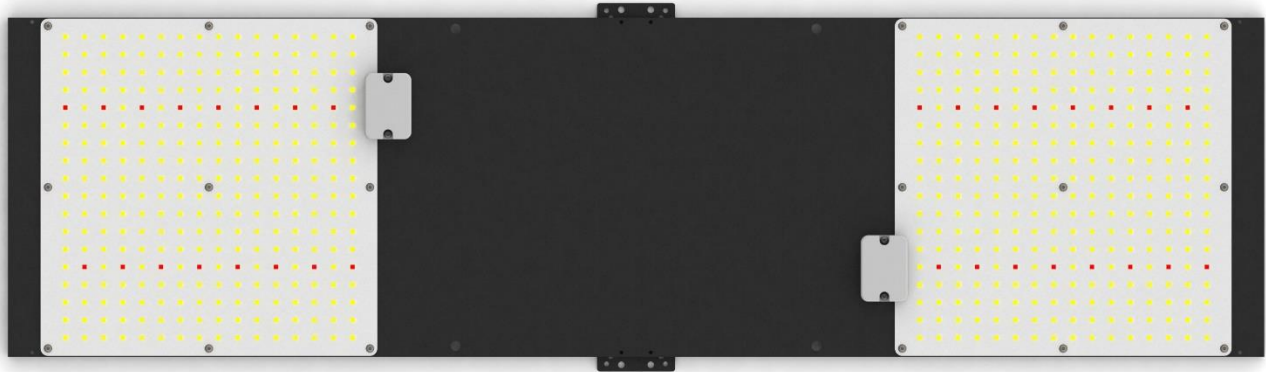




VELA 240W LED Lamp



Atreum Lighting VELA LED Lamps are an exceptionally power-efficient, full-spectrum light source for horticulture applications.

- **Broad spectrum:** Continuous spectral output across PAR 400-700nm provides superb energy efficiency and quality light for human work environments.
- **Waterproof Design:** Tolerance to liquid sprays ensures a long operating life in any environment.
- **Passive thermal management:** Silent operation and improved reliability, enabling energy savings while replacing HPS lights.

Coverage	
Flowering	2' x 4' at 24-inch Height
Vegetation	3' x 5' at 30-inch Height

Specifications	
Rated Lifetime	>50,000 hours
Ingress Protection (IP)	IP65
Ambient Operating Temperature	-20 to +50 °C
Thermal Management	Passive
Dimming	Onboard Dimmer, 0-10V Signal
Warranty	3 Years

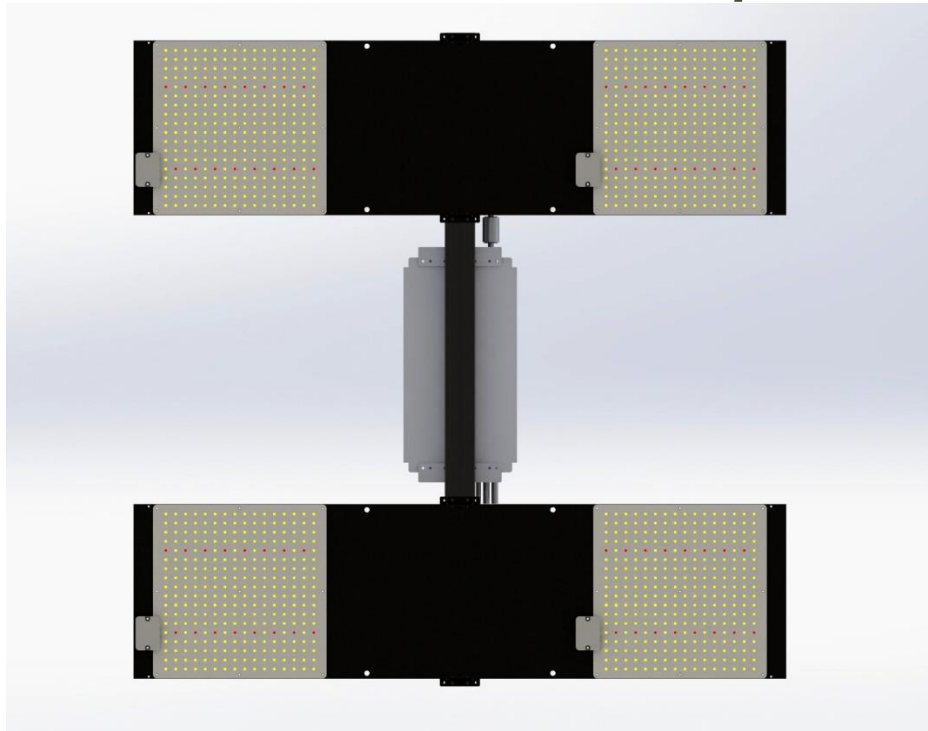
System Performance	
Power	240 W
Photosynthetic Photon Flux (PPF)	594 $\mu\text{mol/s}$
PPF Efficacy	2.61 $\mu\text{mol/J}$
Light Distribution Angle	120°

Nominal AC Amperage Draw	
120V	2.0A
208V	1.15A
240V	1.0A
277V	0.87A

Mechanical Specifications	
Overall Dimensions	853 mm x 230 mm (33.6 in x 9.0 in)
Max Height (with remote driver)	35 mm (1.4 in)
Weight	3.3 kg (7.3 lbs)



VELA 480W LED Lamp



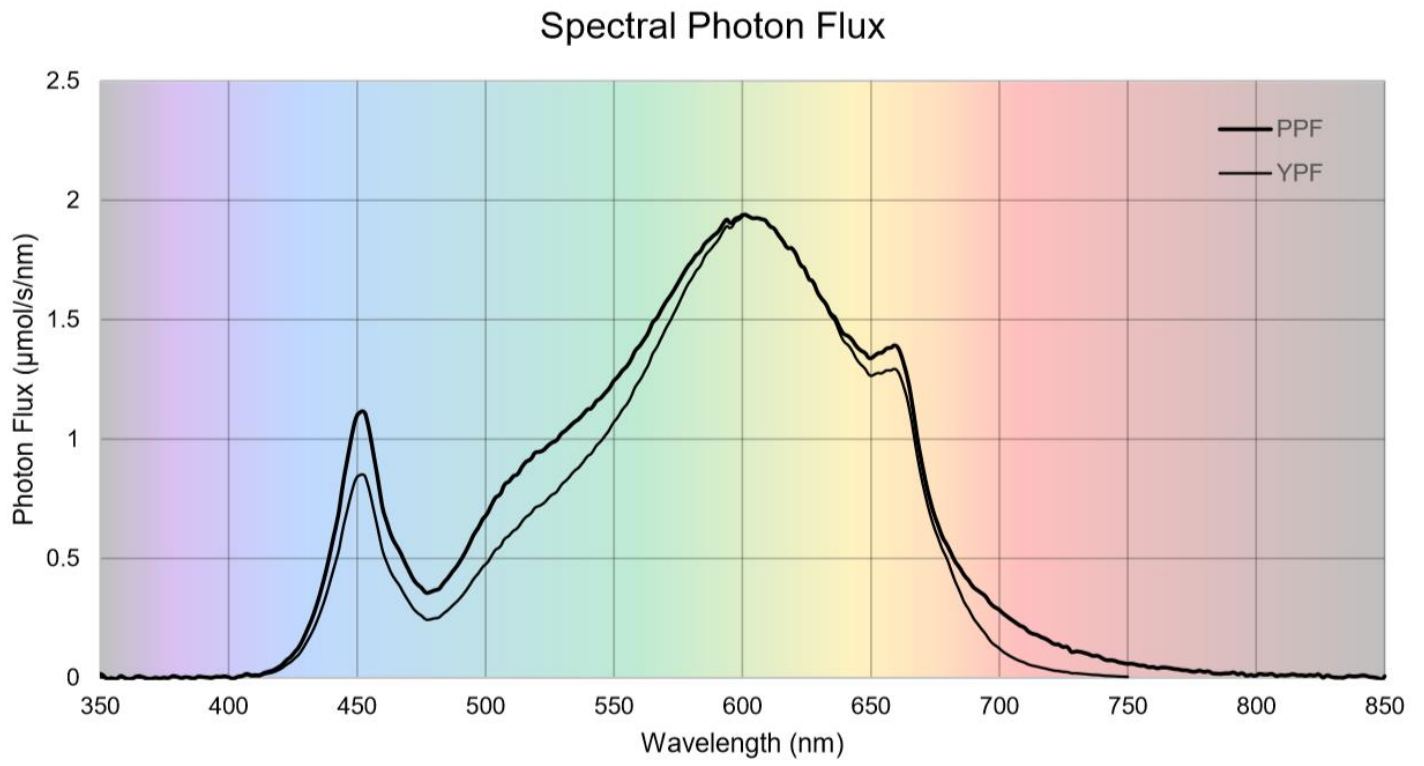
Coverage	
Flowering	4' x 4' at 24-inch Height
Vegetation	5' x 5' at 30-inch Height

System Performance	
Power	480 W
Photosynthetic Photon Flux (PPF)	1188 $\mu\text{mol/s}$
PPF Efficacy	2.61 $\mu\text{mol/J}$
Light Distribution Angle	120°

Specifications	
Rated Lifetime	>50,000 hours
Ingress Protection (IP)	IP65
Ambient Operating Temperature	-20 to +50 °C
Thermal Management	Passive
Dimming	Onboard Dimmer, 0-10V Signal
Warranty	3 Years

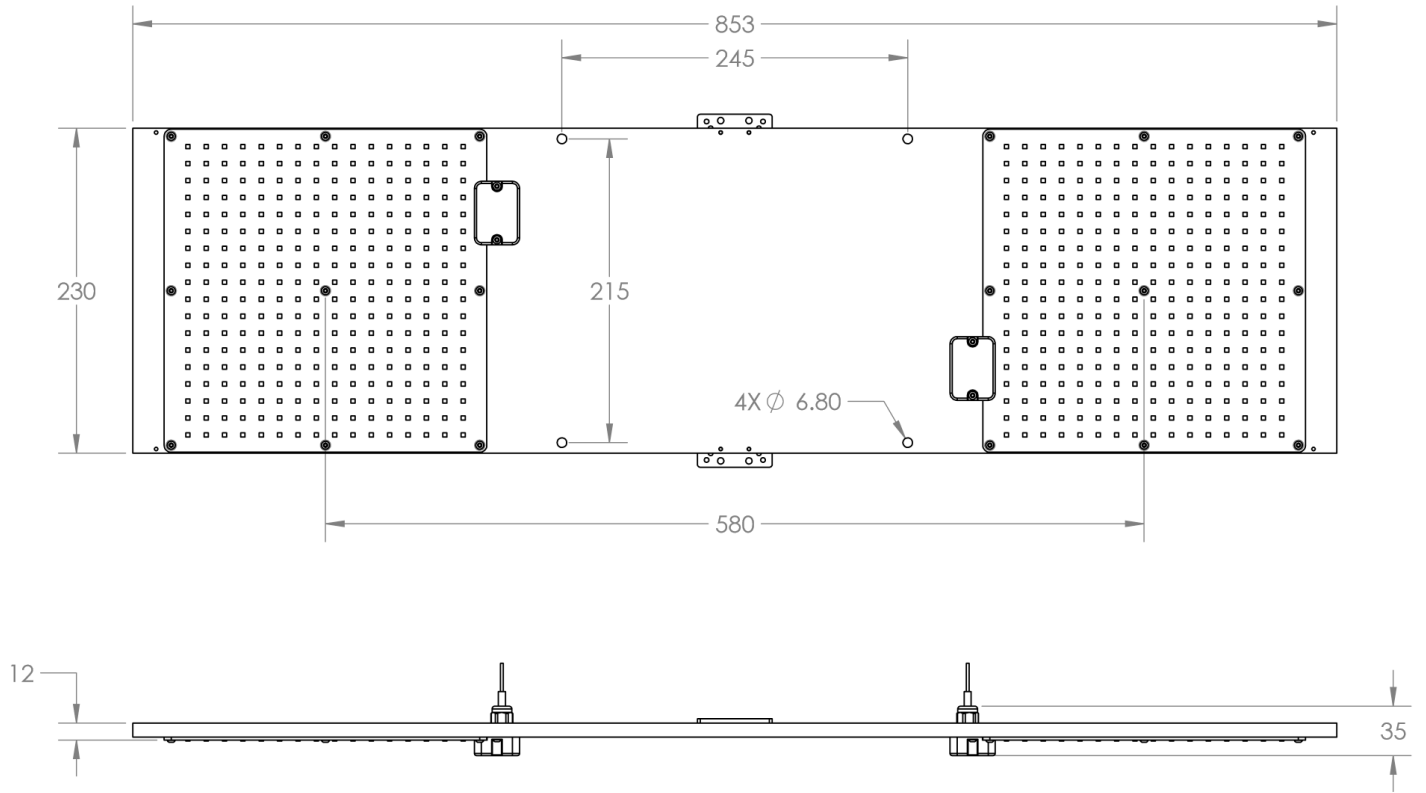
Nominal AC Amperage Draw	
120V	4.0A
208V	2.31A
240V	2.0A
277V	1.73A

Mechanical Specifications	
Overall Dimensions	860 mm x 853 mm (33.9 in x 33.6 in)
Max Height (with remote driver)	55 mm (2.2 in)
Weight	3.3 kg (7.3 lbs)



Mechanical Specifications

Dimensioned Drawing (Units in mm)



Contact Atreum Lighting

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