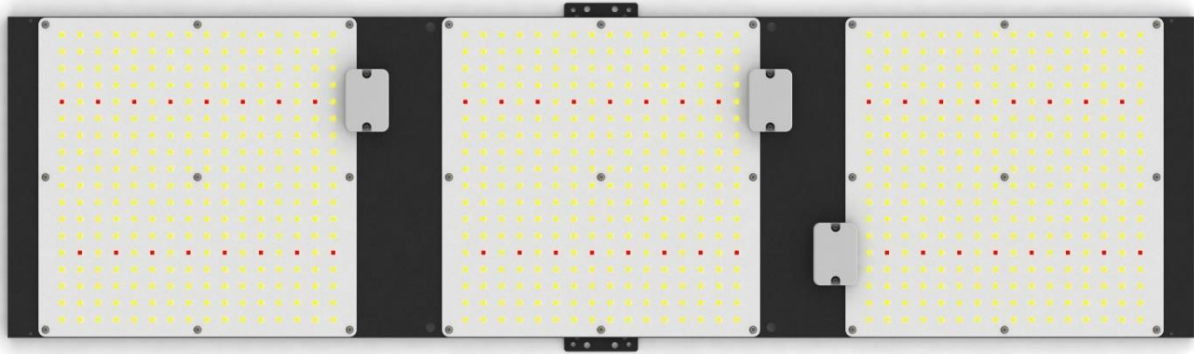




VELA 320W LED Lamp



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.

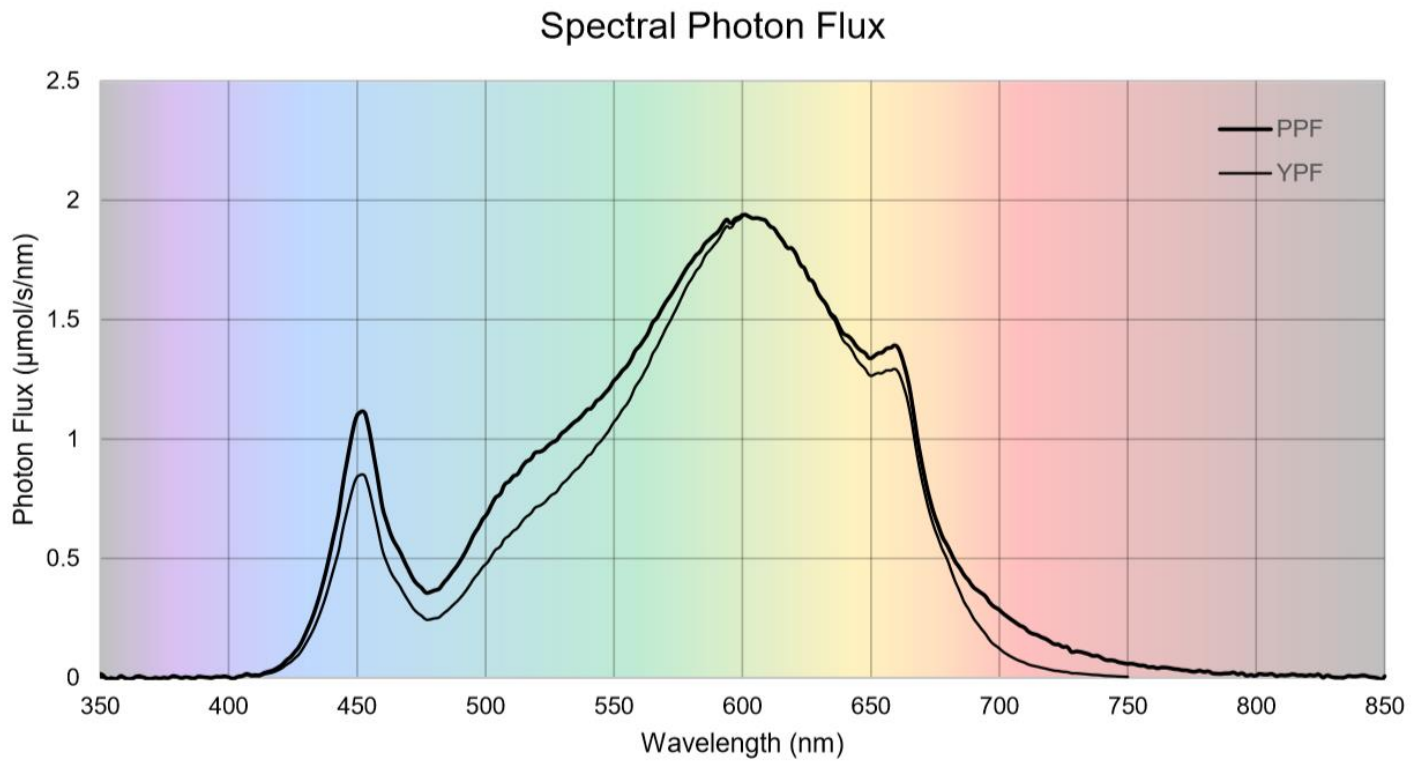
| Coverage | |
|-------------------|-----------------------------|
| Flowering | 2' x 4' at 30-inch Height |
| Vegetation | 3.5' x 7' at 48-inch Height |

| System Performance | |
|---|------------------------|
| Power | 320 W |
| Photosynthetic Photon Flux (PPF) | 890 $\mu\text{mol/s}$ |
| 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 |

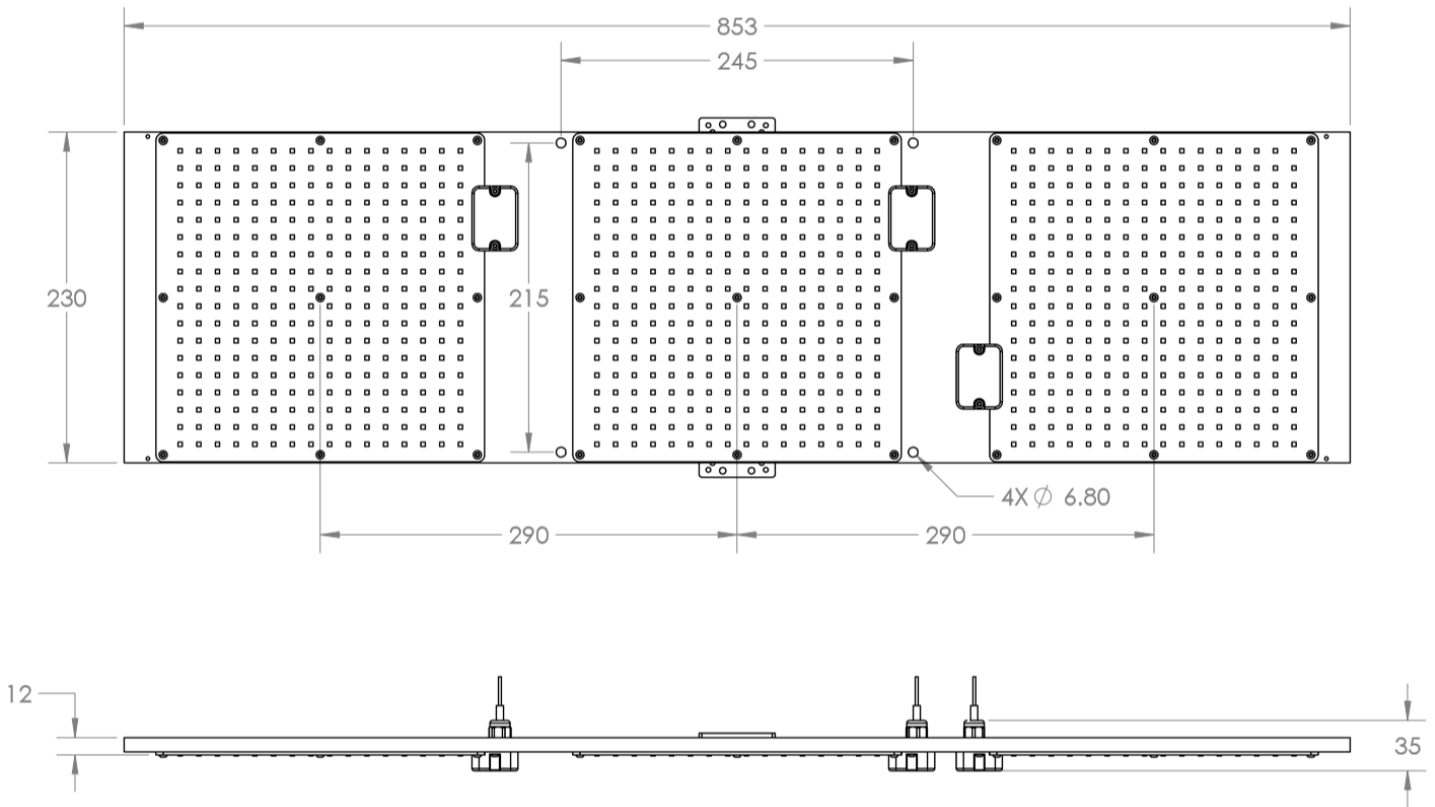
| Nominal AC Amperage Draw | |
|--------------------------|-------|
| 120V | 2.67A |
| 208V | 1.54A |
| 240V | 1.33A |
| 277V | 1.16A |

| 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 | 3.6 kg (7.9 lbs) |



Mechanical Specifications

Dimensioned Drawing (Units in mm)



Contact Atreum Lighting

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