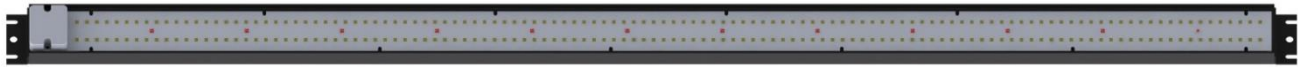




ARA-41 120W LED Light Bar



Atreum Lighting ARA LED Light Bars 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.
- **Modular System:** Customized light bar systems to suit any application and light requirements.

| Coverage | |
|-------------------|---------------------------|
| Flowering | 1' x 4' at 12-inch Height |
| Vegetation | 2' x 4' at 24-inch Height |

| System Performance | |
|---|------------------------|
| Power | 120 W |
| Photosynthetic Photon Flux (PPF) | 298 $\mu\text{mol/s}$ |
| PPF Efficacy | 2.54 $\mu\text{mol/J}$ |
| Light Distribution Angle | 120° |

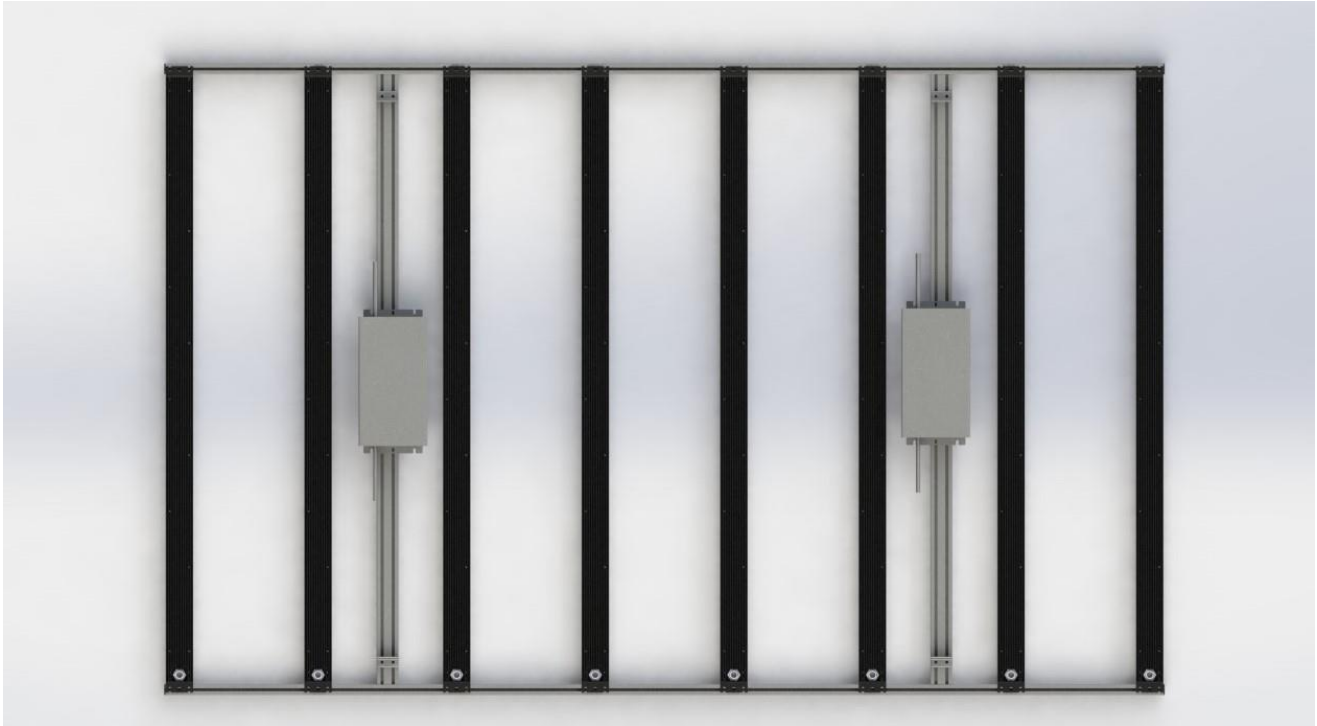
| Specifications | |
|--------------------------------------|------------------------------|
| Rated Lifetime | >50,000 hours |
| Ingress Protection (IP) | IP65 |
| Ambient Operating Temperature | -20 to +50 °C |
| Thermal Management | Passive |
| Dimming | Onboard Dimmer, 0-10V Signal |
| Warranty |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

| Nominal AC Amperage Draw | |
|--------------------------|-------|
| 120V | 1.00A |
| 208V | 0.58A |
| 240V | 0.50A |
| 277V | 0.43A |

| Mechanical Specifications | |
|--|------------------------------------|
| Overall Dimensions | 1140 mm x 50 mm (44.9 in x 2.0 in) |
| Max Height (with remote driver) | 20.5 mm (0.8 in) |
| Weight | 1.34 kg (3.0 lbs) |



ARA-8 960W LED Fixture



| Coverage | |
|------------|----------------------------|
| Flowering | 4' x 8' at 18-inch Height |
| Vegetation | 5' x 10' at 36-inch Height |

| System Performance | |
|----------------------------------|------------------------|
| Power | 960 W |
| Photosynthetic Photon Flux (PPF) | 2384 $\mu\text{mol/s}$ |
| PPF Efficacy | 2.54 $\mu\text{mol/J}$ |
| 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 |

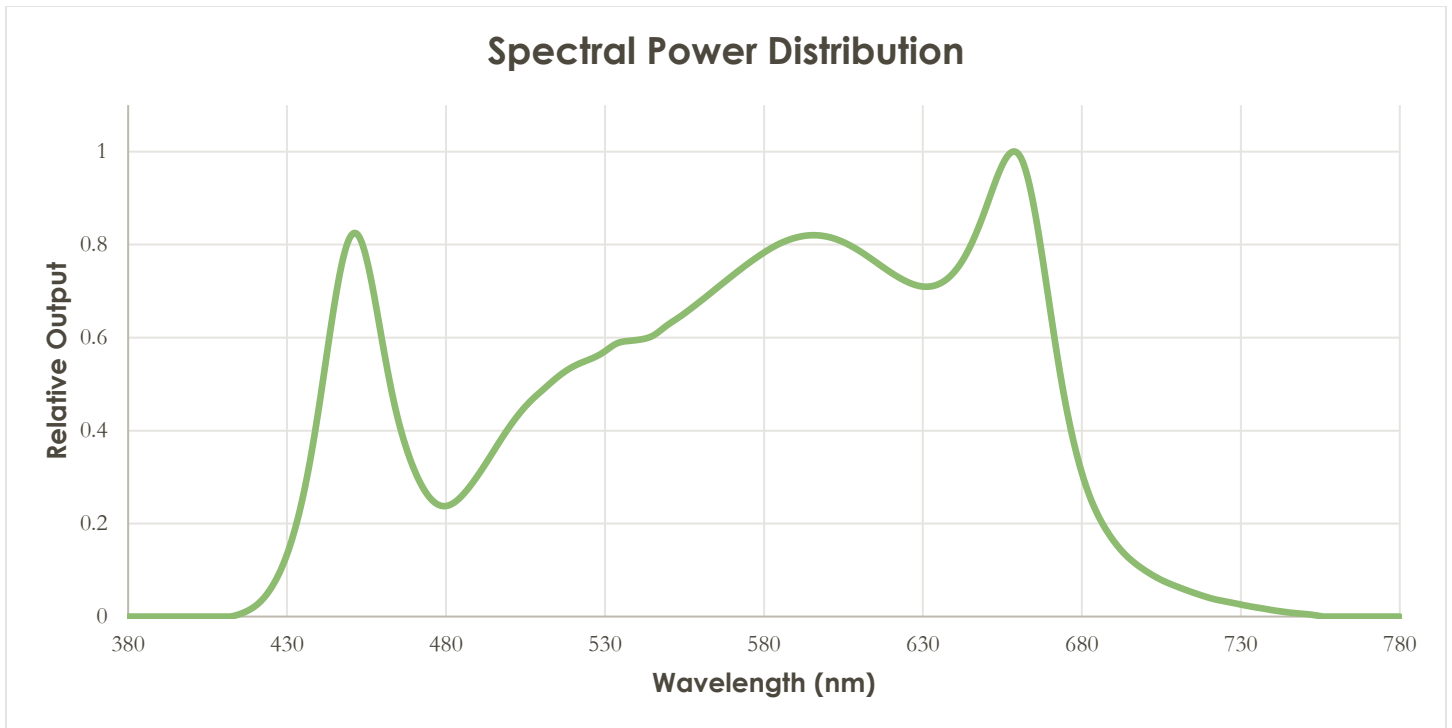
| Nominal AC Amperage Draw | |
|--------------------------|-------|
| 120V | 8.00A |
| 208V | 4.62A |
| 240V | 4.00A |
| 277V | 3.47A |

| Mechanical Specifications | |
|---------------------------------|--|
| Overall Dimensions | 1820 mm x 1150 mm (71.7 in x 45.3 in) |
| Max Height (with remote driver) | 20.5 mm (0.8 in) |
| Weight | 27.2 kg (60.0 lbs) |

Sample Deployments



Spectrum



Contact Atreum Lighting

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