



# HYDRA-1000 LED Grow Light



ATREUMLIGHTING.COM



Atreum Lighting HYDRA-1000 is an exceptionally power-efficient, full-spectrum light source for horticulture applications.

- **Reduced Hot Spots:** With proprietary algorithmically spaced LEDs, the HYDRA-1000 provides more even light coverage at the edges and corners.
- **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.
- **Digital Power Display + Dimmer:** Precisely adjust the light output with the built-in digital power meter.
- **Ultra-Thin Profile with Removeable Driver:** With the driver remotely mounted, the light fixture is <6mm (<0.25 in) thick, perfect for applications with limited ceiling height.

Coverage	
<b>Flowering</b>	2' x 2' at 12-18 inch Height
<b>Vegetation</b>	3' x 3' at 24-inch Height

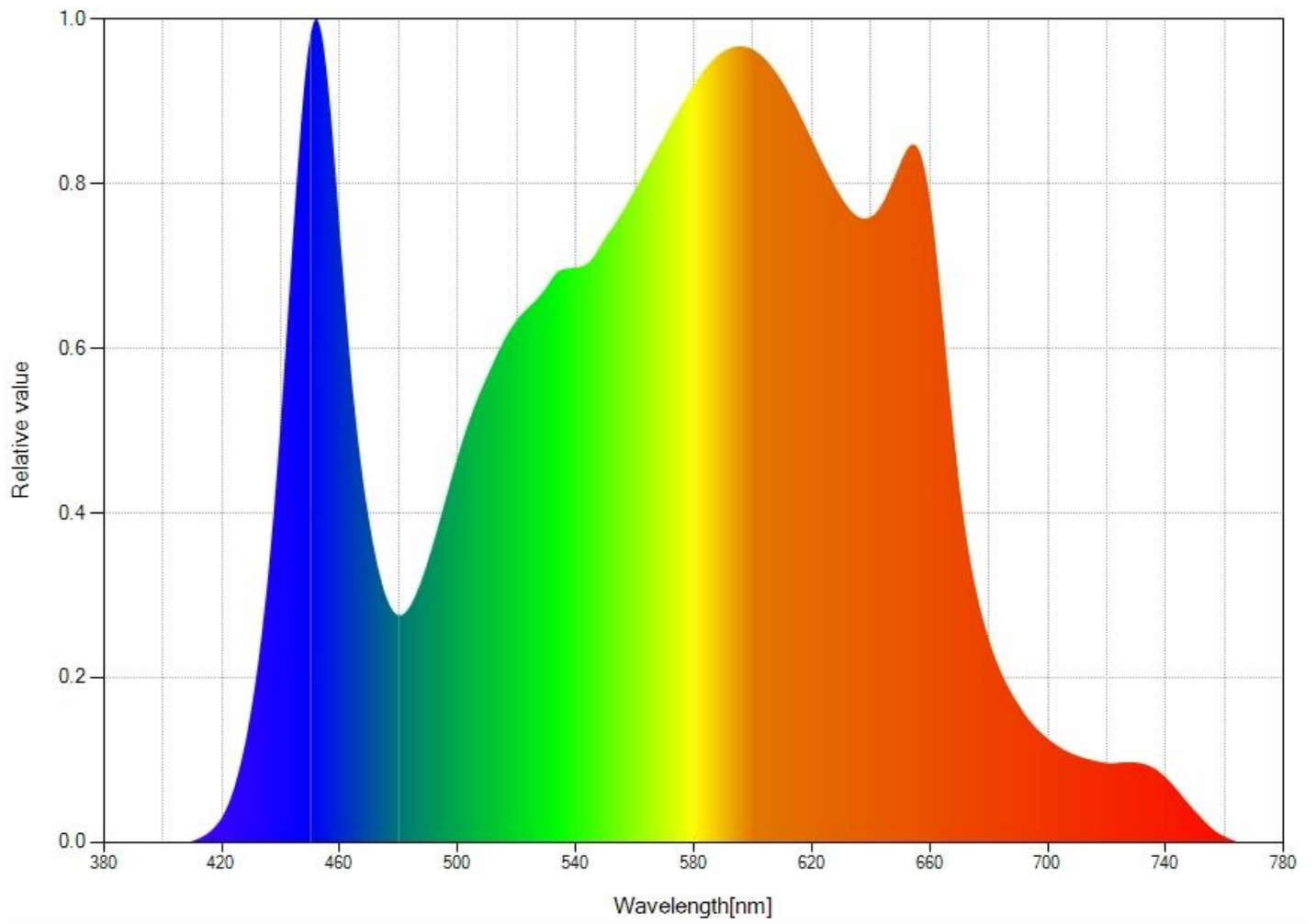
System Performance	
<b>Power</b>	110 W
<b>Photosynthetic Photon Flux (PPF)</b>	297 $\mu\text{mol/s}$
<b>PPF Efficacy</b>	2.7 $\mu\text{mol/J}$
<b>Light Distribution Angle</b>	120°

Specifications	
<b>Rated Lifetime</b>	>50,000 hours
<b>Ambient Operating Temperature</b>	-20 to +50 °C
<b>Thermal Management</b>	Passive
<b>Dimming</b>	Onboard Dimmer, 0-10V Signal
<b>Warranty</b>	3 Years

Nominal AC Amperage Draw	
<b>120V</b>	0.92A
<b>208V</b>	0.53A
<b>240V</b>	0.46A
<b>277V</b>	0.40A

Mechanical Specifications	
<b>Overall Dimensions</b>	300 mm x 300 mm (11.8 in x 11.8 in)
<b>Max Height (with driver)</b>	61 mm (2.4 in)
<b>Weight</b>	1.95 kg (4.3 lbs)

# Spectrum



## Contact Atreum Lighting

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