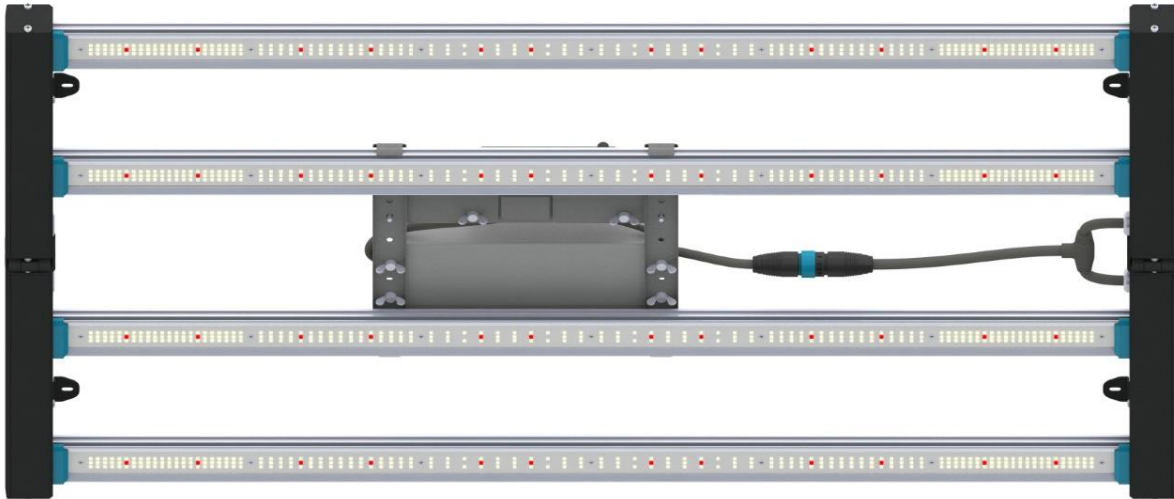




HYDRA-3200 LED Grow Light (320W)



Atreum Lighting HYDRA-3200 is an exceptionally power-efficient, full-spectrum light for horticulture applications.

- **Reduced Hot Spots:** With proprietary algorithmically spaced LEDs, the HYDRA-3200 provides 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 Display + Dimmer:** Precisely adjust the light output with the built-in digital control box.
- **Ultra-Thin Profile with Removeable Driver:** With the driver remotely mounted, the light fixture is 35mm (1.4") tall, perfect for applications with limited ceiling height.

Coverage	
Flowering	2' x 4' – 3' x 5' at 12 – 24 inch Height
Vegetation	2' x 4' – 3' x 5' at 24 – 48 inch Height

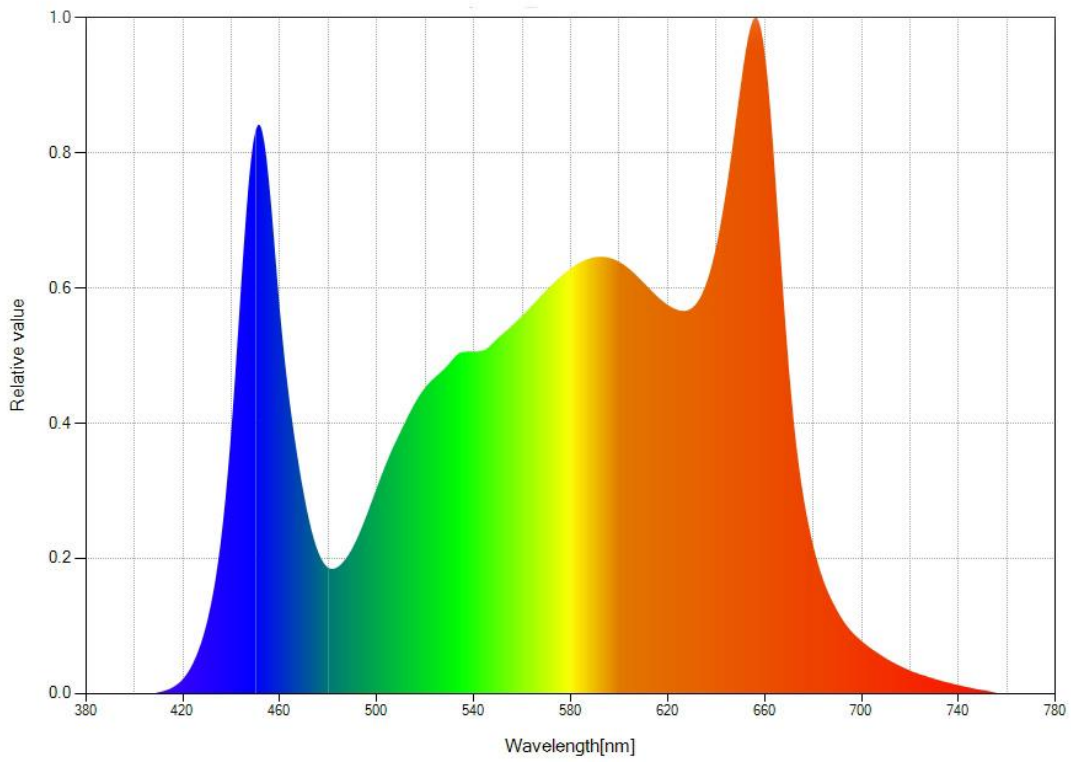
System Performance	
Power	320 W (+/- 5%)
Photosynthetic Photon Flux (PPF)	850 $\mu\text{mol/s}$
PPF Efficacy	2.7 $\mu\text{mol/J}$
Light Distribution Angle	120°

Specifications	
Rated Lifetime	>50,000 hours
Ambient Operating Temperature	-20 to +50 °C
Thermal Management	Passive
Dimming	Onboard Dimmer, 0-10V Signal
Warranty	5 Years

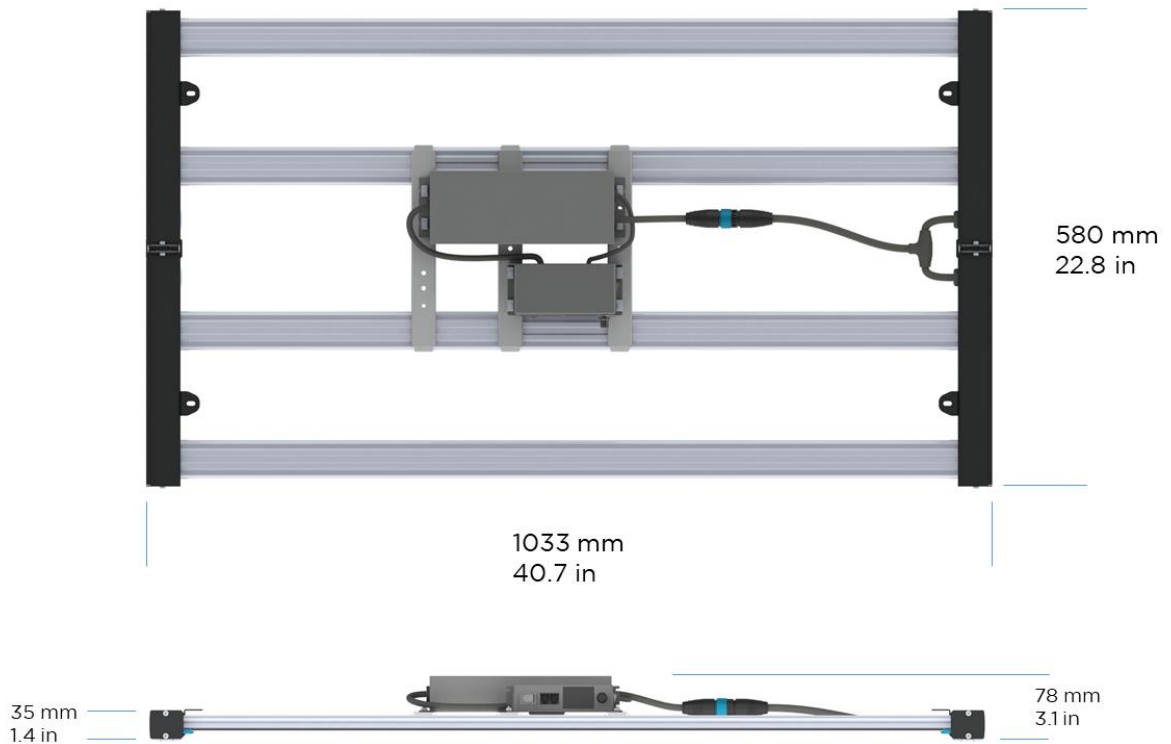
Nominal AC Amperage Draw	
120V	2.67A
208V	1.54A
240V	1.33A
277V	1.16A

Mechanical Specifications	
Overall Dimensions	1033mm x 580mm (40.7 in x 22.8 in)
Max Height (with driver)	78 mm (3.1 in)
Weight	6.0 kg (13.2 lbs)

Spectrum



Mechanical Dimensions



Contact Atreum Lighting

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