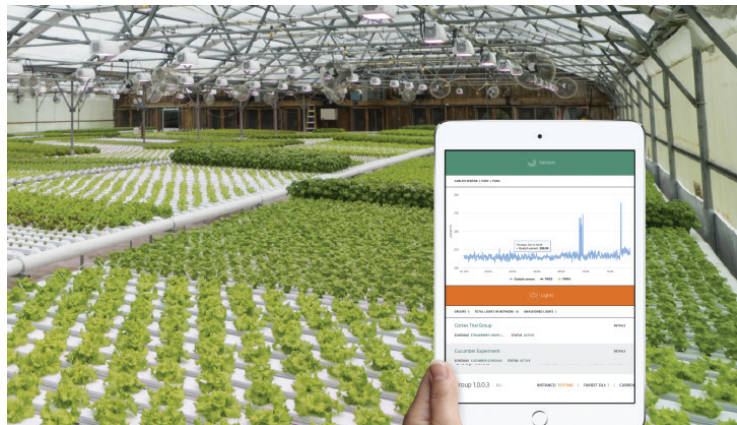







heliospectra ELIXIA



HIGH VOLTAGE, ADJUSTABLE, FULL SPECTRUM INTELLIGENT LIGHT ENGINEERED FOR COMMERCIAL CROP PRODUCTION AND CONTROLLED ENVIRONMENTS HORTICULTURE



HelioCORE™ LIGHT CONTROL SOFTWARE Automated Light Response and Real Time Management

-  DLI Controller
-  On Target Controller
-  Schedule Controller



Increase Yield

Achieve consistent year-round yields by supplying perfect light 365 days per year to ensure optimal plant growth and crop quality.



Control Consistency

Achieve negotiation advantages in the marketplace to secure premium pricing and deliver superior products with predictable results.



Accelerate Harvest

Shave days off production and harvest cycles to maintain tight inventory control and time to market.



Improve Quality

Enhance crop appearance, improve taste, decrease waste, boost nutritional values and extend shelf life, harvest after harvest.

- Dimensions: 19.9 cm (7.8 in) x 21.9 cm (8.6 in) x 42.5 cm (16.7 in)
- Operating Temp: 0 to 40° C (32 to 104° F)
- Storage Temp: -20 to 70° C (-4 to 158° F)
- Housing: Powder coated, zinc treated sheet metal and durable ABS plastic
- Hanging Attachments: I-hooks
- Cooling: Active cooling. Fan rated to 70 000 hrs at 40° C, 60% humidity
- Working Humidity: 10 to 95%, non-condensing
- Weight: 8 kg (17.6 lbs)
- Heat Generated: 2150 BTu/hr
- Warranty: 3 years
- Lifetime: 50 000 hrs (at ambient temp of 25° C rated life to 70% of initial photon flux)
- Certifications: MET, RoHS, REACH
- Ingress Protection Rating: IP24
- Control: Web browser system for intuitive light strategy management or complete control and management through helioCORE™ connected by WiFi or Ethernet



Industrial 500W Series

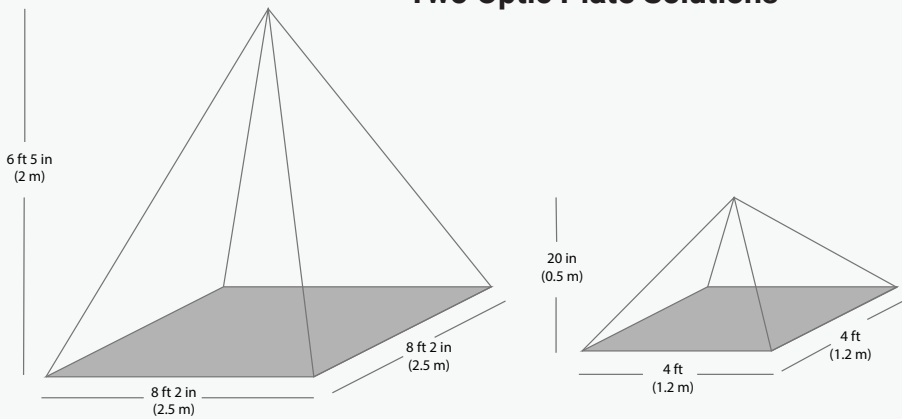
- Power Consumption: 10.5 to 525 W
- Input Voltage: 312 to 528 VAC, 47/63 Hz
- Ampere: 1.5A @ 347V | 1.3A @ 400V | 1.1 @ 480V
- Efficacy Range: 1.85 to 2.1 PPE (relative to spectrum)



Commercial 600W Series

- Power Consumption: 10.5 to 630 W
- Input Voltage: 80 to 305 VAC, 50/60 Hz
- Ampere: 5.3A @ 120V | 2.6A @ 240V | 2.3 @ 277V
- Efficacy Range: 1.8 to 2.1 PPE (relative to spectrum)

Two Optic Plate Solutions



Elixia uses primary and secondary optic lens plates to achieve maximum uniform light intensity and spectral distribution across a growing area.

The **indoor plate** has a smaller target area for close-to-canopy mounting heights, specially designed for indoor growing. The **Greenhouse plate** targets a wider area to accommodate higher mounting installations such as greenhouses.

Two Spectrum Options



G plate

Wavelengths: 450nm, 660nm & 5700K White



C plate

Wavelengths: 450nm, 660nm, 735nm & 5700K White

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