



heliospectra EOS



FIXED SPECTRUM LED LIGHTING SOLUTION ENGINEERED FOR
COMMERCIAL CROP PRODUCTION AND CONTROLLED
ENVIRONMENTS HORTICULTURE.



"We typically harvested our summer crisp lettuce at 55 days. With Heliospectra, we now harvest between 42 and 45 days. The opportunity to accelerate harvest and create additional revenue cycles significantly scales our business."

John Farr, founded Green Mountain Harvest Hydroponic



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, variable speed cooling. Fan rated to 70 000 hrs at 40° C, 60% humidity, 90% CL
- 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



Industrial 500W Series

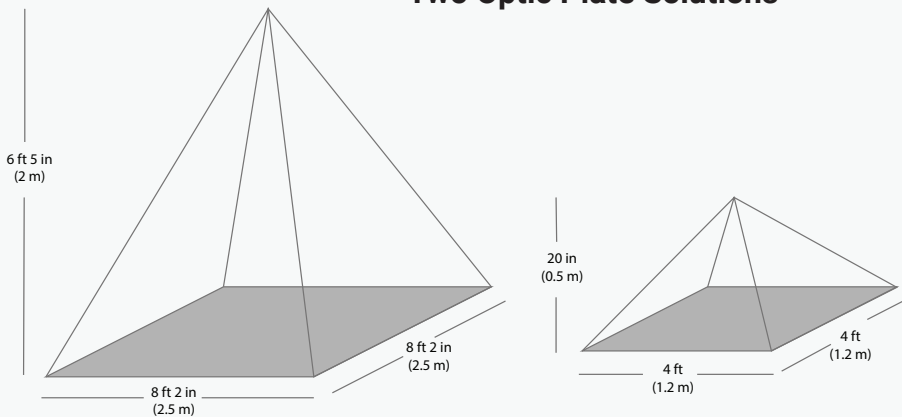
- Power Consumption: 525 W
- Input Voltage: 312 to 528 VAC, 47/63 Hz
- Ampere: 1.5A @ 347V | 1.3A @ 400V | 1.1 @ 480V
- Efficacy Range: 1.85 to 2.1 PPE (relative to spectrum)



Commercial 600W Series

- Power Consumption: 630 W
- Input Voltage: 80 to 305 VAC, 50/60 Hz
- Ampere: 5.3A @ 120V | 2.6A @ 240V | 2.3 @ 277V
- Efficacy Range: 1.85 to 2.1 PPE (relative to spectrum)

Two Optic Plate Solutions



Eos 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

Heliospectra AB, Global

Fiskhammsgatan 2
414 58 Gothenburg
Sweden
Tel: +46 31 40 67 10

Heliospectra, Inc., Americas

1005 Northgate Dr. # 325
94903 San Rafael, CA
United States
Tel: 1-888-942-GROW

For more info visit our website:

www.heliospectra.com

or email

sales@heliospectra.com