

FOTONO

Fotono is a full spectrum LED luminaire that directly replaces HPS luminaires in horticultural environments. Fotono fully qualifies for energy rebate programs while delivering instant energy savings, reduced maintenance needs, and advanced capabilities, like multi-spectral control and dimming.

Fotono luminaires feature advanced spectral LED technology in a lightweight, compact design, minimizing structural burden on greenhouses and shading on crops. With high output and stepless dimming from 0 to 100 percent, Fotono prioritizes quality of light for growers.

ORDERING INFORMATION

| MODEL | DESCRIPTION |
|-------|------------------------------|
| CT141 | Fotono luminaire with driver |

SPECIFICATIONS

| MODEL | $\mu\text{mol/s}$ | $\mu\text{mol/J}$ | CT | Power (W) |
|-------|-------------------|-------------------|------------|-----------|
| CT141 | >1250 | 2.2 | 2700–5000K | 595 |

PRODUCT FEATURES

- Ideally suited for supplemental lighting as a daylight analog in greenhouse applications
- Industry leading performance
- Replaces a 1000 W DE HPS luminaire
- Patented tunable spectrum
- Natural white light
- IP68 life safety thermal solution
- Powder coated aluminum housing
- Made in the USA

PHYSICAL AND ELECTRICAL INFORMATION

- Input power: 600 W maximum
- Input voltage / current: 120 V / 5 A; 240 V / 3 A; 277 V / 2.2 A
- Dimensions: 20 x 10 x 5 in
- Weight: 12 lb
- Light source: LED
- Efficacy: 2.2 $\mu\text{mol/J}$
- PPF: >1,250 $\mu\text{mol/s}$
- Mounting height: > 36 in
- Dimming: 0–10 V
- Lifetime per TM21: L70: 80K hours, L90: 50K hours

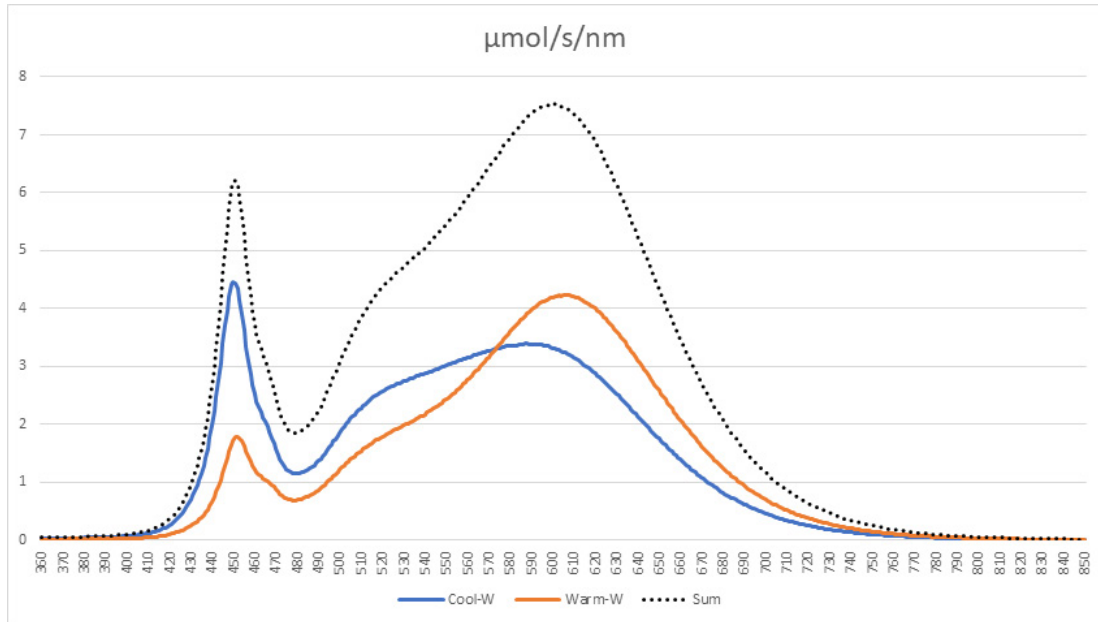
ENVIRONMENTAL INFORMATION

- 0°–110°F ambient temperature
- 0–100% relative humidity, including condensing
- Thermal management: Patented IP68 Active

Regulatory and Compliance

- CSA C22.2 NO 250.0-08 - Luminaires
- UL 1598 - Luminaires
- UL 8800 - Outline for Horticultural Lighting Equipment
- UL 8750 - Standard for Light Emitting Diode (LED) Equipment for use in Lighting Products
- CSA C22.2 NO. 250.13-14 - Light Emitting Diode (LED) Equipment for Lighting Applications

FLUX VS WAVELENGTH



PHYSICAL

