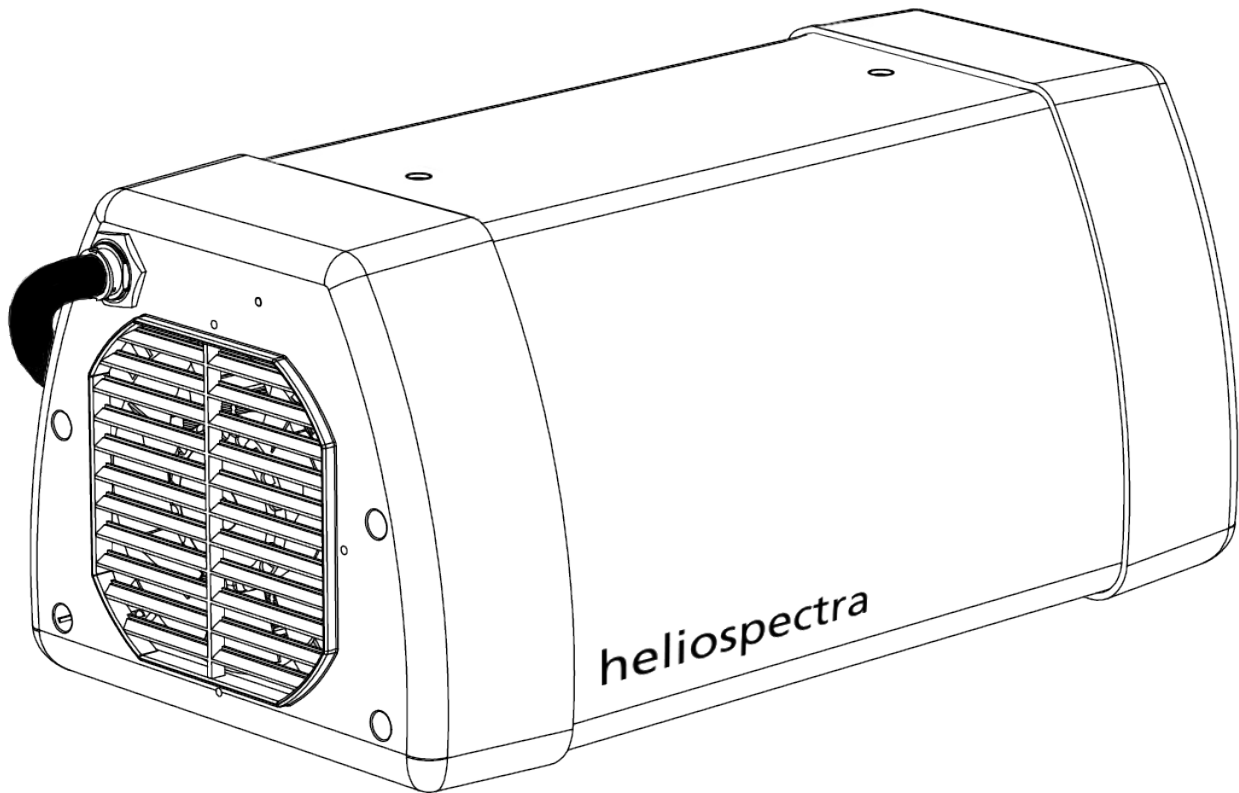


E601C

Technical Specification



heliospectra™

Heliospectra E601C is a high intensity, fixed spectrum LED grow light for indoor (sole-source) commercial cultivation.

Recommended Applications:

- Controlled environments agriculture
- Commercial horticulture
- Research greenhouses

Description: 630 W fixed spectrum LED Plant Lighting System with 240 LEDs
Four (4) wavebands consisting of 450 nm, 660 nm, 735 nm and 5700K white

Dimensions: 19.9 cm (7.8 in) x 21.9 cm (8.6 in) x 42.5 cm (16.7 in)

Input Voltage: 85 to 305 VAC, 50/60 Hz

Ampere: 5.25A @ 120V | 2.6A @ 240V | 2.3 @ 277V

Operating Temp:) 0 to 40° C (32 to 104° F)

Storage Temp: -20 to 70° C (-4 to 158° F)

Heat Value (BTU/h): up to 2150

Optics: Targeted coverage area of 1.2 m (4 ft) x 1.2 m (4 ft) at a 0.5 m (20 in) mounting height. Made out of high transparency, clear acrylic glass. No visible yellowing rated to 30 years.

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)

Warranty: 3 years

Lifetime: 50 000 hrs (at ambient temp of 25° C rated life to 70% of initial photon flux)

Certifications: MET, CE, RoHS, REACH, EN55105, certified to UL1598 & CSA C22.2 standards

Ingress Protection Rating: IP54 (all electrical compartments) / IP24 (cooling tunnel)

Adjustable: No

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