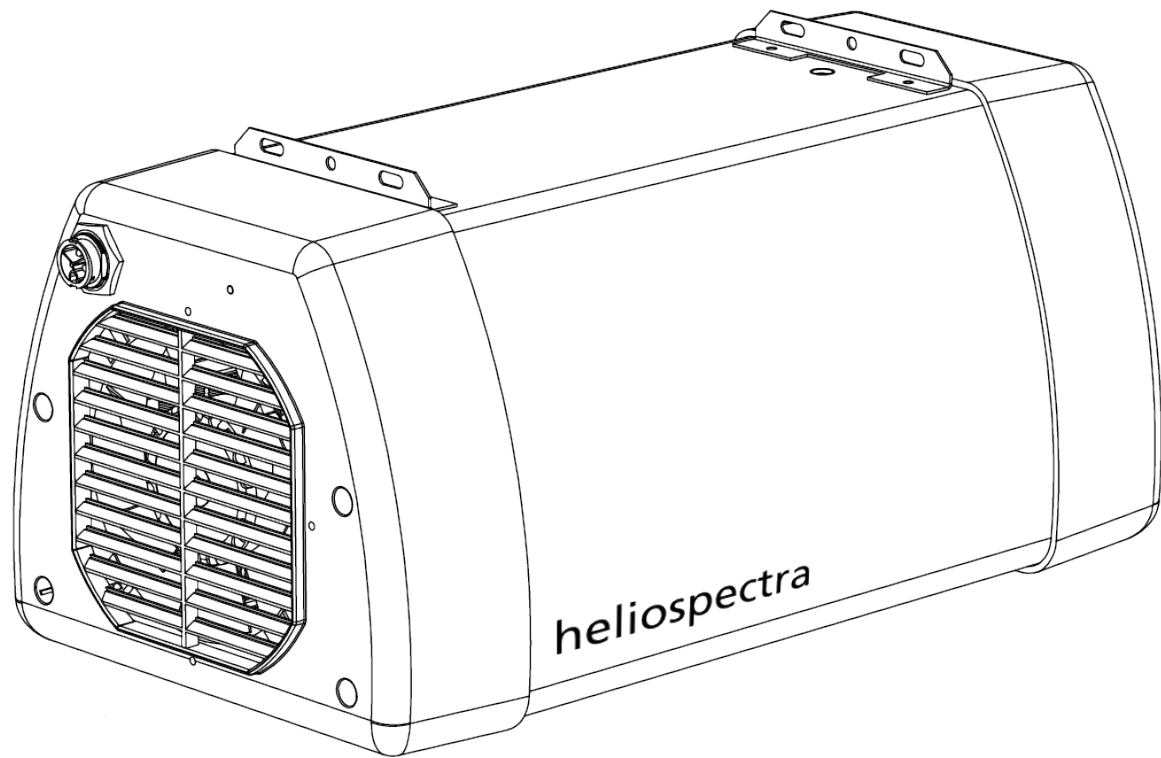


# LX601C

*Technical Specification*



heliospectra™

**Heliospectra LX601C** is the market's premier product for indoor (sole-source) lighting applications.

**Recommended Applications:**

- Controlled environments agriculture
- Commercial horticulture
- Research greenhouses
- Hobby/Indoor gardening

**Description:** 10.5 to 630 W programmable 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:** V-hooks or 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

**Status Indicators:** Status LED for power/system status indication

**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

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

**Adjustable:** Yes

**Microprocessor:** 32-bit microprocessor (80MHz)

**Networking:** RJ 45, 10/100 MBit IPv4 Ethernet and WiFi 802.11 b/g

**DHCP:** DHCP for IP address management

**Web UI:** HTTP web interface for simple management

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