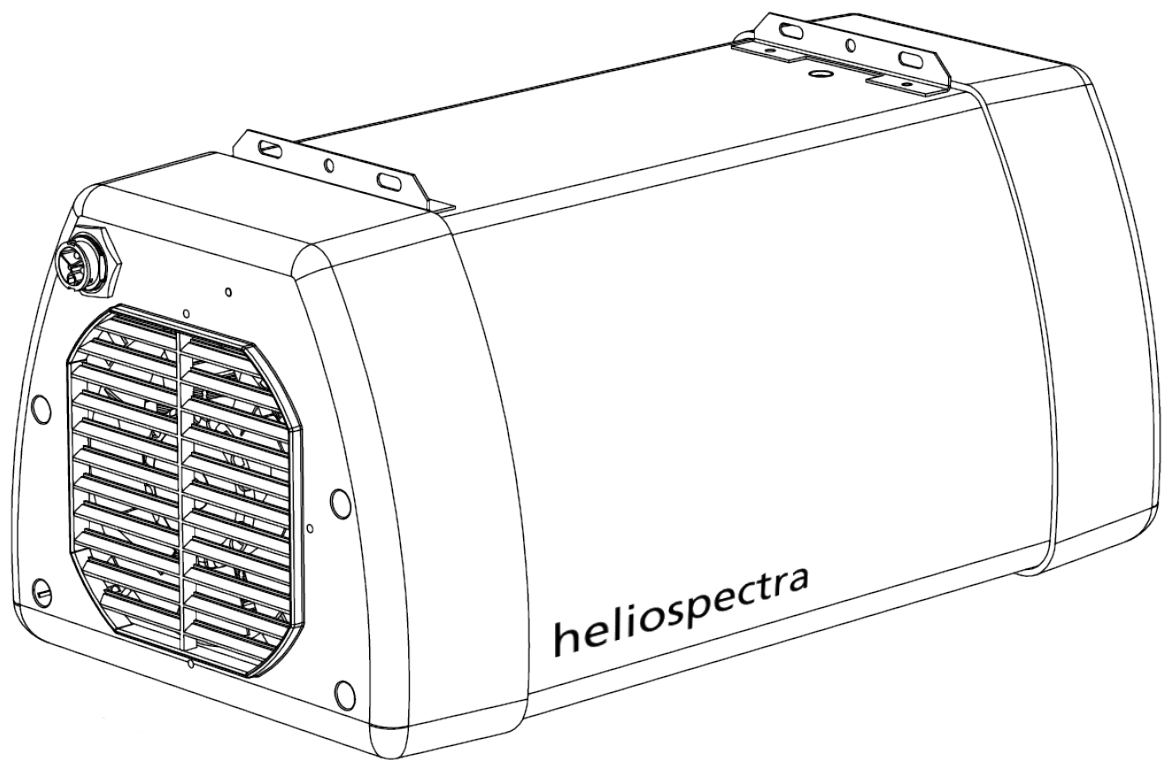


RX30

Technical Specification



heliospectra™

RX30 is the world's most flexible plant science R&D tool, perfect for research and laboratory use.

Recommended Applications:

- Research such as plant development, plant physiology, plant biochemistry, entomology, etc.
- Research lab walk in chambers, growth cabinets and research greenhouses.
- Phytochemical development and medical plants.

Description: 10.5 to 420 W programmable LED Plant Lighting System with 120 LEDs
Nine (9) wavebands consisting of 380 nm, 400 nm, 420 nm, 450 nm, 520 nm, 630 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 1400

Optics: Base reflector and a high transparency, clear acrylic glass front plate.
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 for IP address management

Web UI: HTTP web interface for simple management

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