



heliospectra™



## HELIOSPECTRA LX60 SERIES

ADJUSTABLE, FULL  
SPECTRUM INTELLIGENT LIGHT ENGINEERED  
FOR COMMERCIAL CROP PRODUCTION AND  
CONTROLLED ENVIRONMENTS HORTICULTURE



### 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.

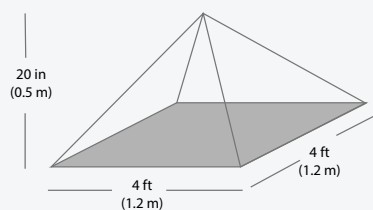
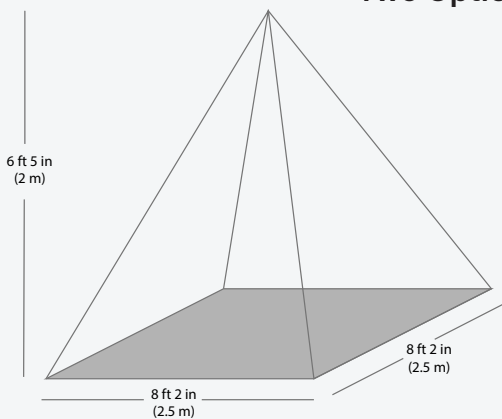


### Improve Quality

Enhance crop appearance, improve taste, decrease waste, boost nutritional values and extend shelf life, harvest after harvest.

Description:	10.5 to 630 W programmable LED Plant Lighting System
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   2.3A @ 277V
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
Power Cable:	2 m (6 ft 5 in) detachable cable with Schuko, Nema 5-15 plug or Open Ended 2.44 m (8 ft) detachable cable with Nema 6-15 plug
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:	CE, MET(UL 5189 & CSA 22.2 no. 250), RoHS
Ingress Protection Rating:	IP24
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

### Two Optic Plate Solutions



The **LX60 Series** uses primary and secondary optic lens plates to achieve maximum uniform light intensity and spectral distribution across a growing area.

The **LX601** has a smaller target area for close-to-canopy mounting heights, specially designed for indoor growing. The **LX602** 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

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