

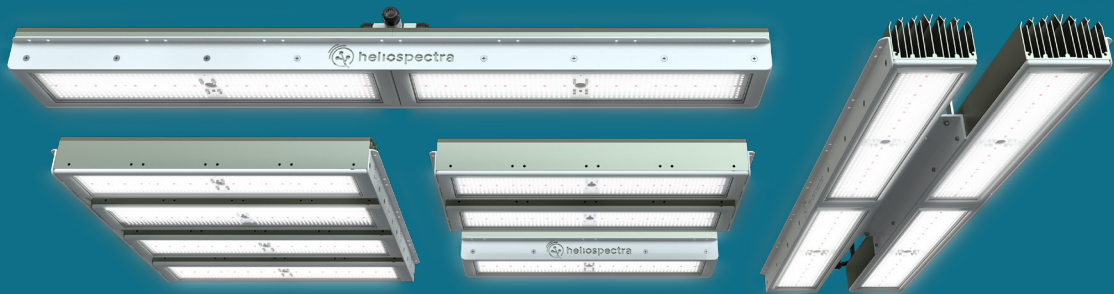
MITRA



COMBINING FULL MODULARITY WITH INTENSE, QUALITY LIGHT

Heliospectra's **MITRA** series is the horticulture market's first truly modular LED lighting solution. The simple, streamlined MITRA design boasts high-intensity light output and electrical efficacy of up to $2.8 \mu\text{mol/J}$. Designed for high light crops including cannabis and vine crops, the initial linear and square fixture modules can be easily combined and customized for any growing environment.

MITRA



MITRA MODEL SPECIFICATIONS

Model	Watt	Dimensions	Weight	Heat Value	Thermal Management	Max Ambient Temperature	Life Time	Power Factor	Harmonic Distortion	Beam Angle	Control	Warranty
Square	0-650 W	88 x 580 x 630 mm (3.5 x 22.8 x 24.8 in)	12 kg (26.5 lbs)	Up to 2218 BTUs/hr	Passively convection cooled	40 °C (104 F)	L90 > 46 000h	>0.9	<10% THD	118°	0-10V Dimming on Power Supply	3 years
Linear	0-650 W	88 x 340 x 1100 mm (3.5 x 13.4 x 43.3 in)	13.5 kg (30 lbs)	Up to 2218 BTUs/hr	Passively convection cooled	40 °C (104 F)	L90 > 46 000h	>0.9	<10% THD	118°	0-10V Dimming on Power Supply	3 Years

INSTALLATION SPECIFICATIONS

	Square	Linear
Mounting	Hole profile built into product design	Included C-brackets
Canopy Coverage*	1.7m (5ft 7in) diameter @ 0.5m (20in) hanging height	6.7m (21ft 11in) in diameter @ 2m (6ft 6in) hanging height
Cable Length	2m (6ft 6in) fixed cable	2m (6ft 6in) fixed cable
Plug	Open-ended	Open-ended

*Note that light intensity is directly related to canopy coverage and hanging height.

Electrical Specifications

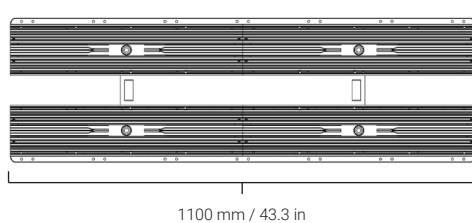
Voltage	220 VAC	230 VAC	240 VAC	277 VAC	347 VAC	400 VAC	480 VAC
Amperage	2.95 A	2.82 A	2.71 A	2.34 A	1.87 A	1.63 A	1.35 A
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Inrush Current	-	12 A	-	-	-	-	12 A

Certifications

IP67, CE, ROHS, cETLus

FIXTURE DIMENSIONS

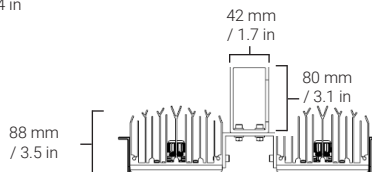
Linear - Top View



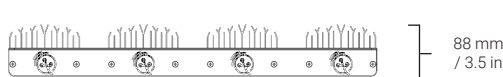
Linear - Side View



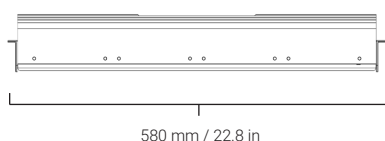
Linear - Front View & C-bracket



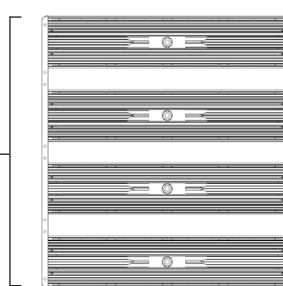
Square - Front View



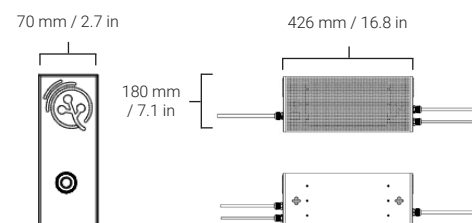
Square - Side View



Square - Top View

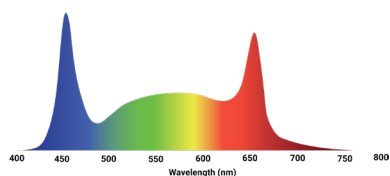


POWER SUPPLY



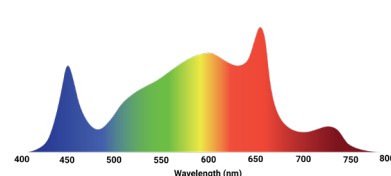
Weight	6 kg (13.2 lbs)
Dimensions	70 x 180 x 426 mm (2.7 x 7.1 x 16.8 in)
Life Time	>50 000 h
Cable Length	3 m (9ft 10in) PSU to lamp 2 m (6ft 6in) PSU to plug
IP Rating	IP67 Rated

SPECTRAL VARIANTS



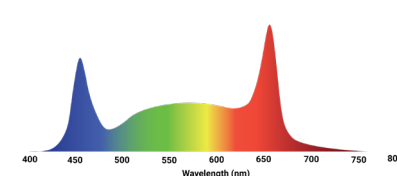
helioSPEC Vega

Typical Output: 1820 μmol/s*



helioSPEC Lyra

Typical Output: 1755 μmol/s*



helioSPEC Bellatrix

Typical Output: 1820 μmol/s*

*Output measurements include Far-red.