

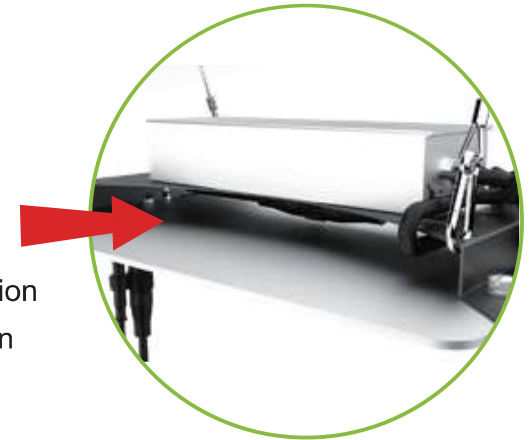
LED GROW LIGHT 425W

electrivo



Patent design

- Thermoelectric separation
- Efficient heat dissipation



Features & Benefits

- New nanomaterial-made body for enhanced thermal conductivity and reduced product weight and volume.
- Constant current driver with high power factor larger than 0.9. Flicker free for consistent lighting.
- Dimmable feature plus durable quality with an average life of 35000 hours.
- Sunlike full spectrum to provide quality light to maximize yield (Recommended fixture suspension height: 6"- 48").
- IP65 rated for use under environments with high humidity.
- Easy, tool-free installation to save time and labor.



Multi-purpose Applications

Versatile application for uses in rooms with low ceiling, vertical racks, shelving units, tents, or more.

425W PPE 2.1 $\mu\text{mol}/\text{J}$

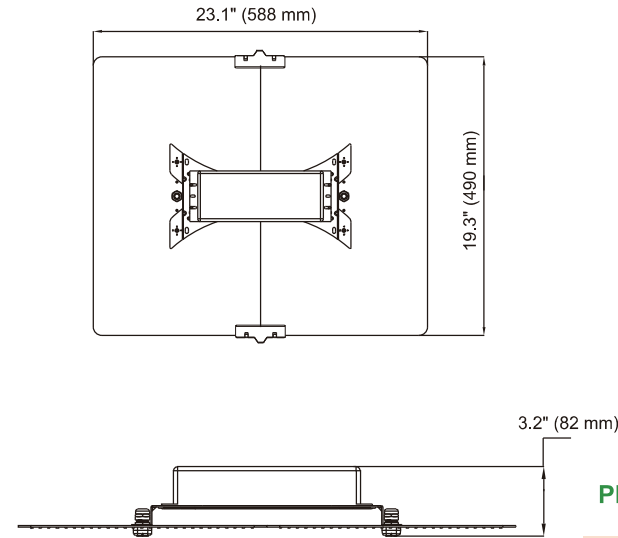
Features

Input Power	425W
Photosynthetic Photon Flux (PPF)	892 $\mu\text{mol}/\text{s}$
Photosynthetic Photon Efficacy (PPE)	2.1 $\mu\text{mol}/\text{J}$
Viewing Angle	110°
Color Rendition Index (CRI)	>82
Input Voltage	100-277V AC 50/60 Hz
Amp Draw	3.68A@120V, 2.05A@220V, 1.89A@240V, 1.65A@277V
Power Factor	>0.9
Total Harmonic Distortion (THD)	<20%
Driver Surge Protection	6KV
Dimmable	Yes
LED Type & Spectrum	3000K+5000K+660nm+730nm (Samsung/Seoul Diodes)
Housing	Aluminum Alloy + Steel
Housing Color	White + Black + Silver
Heat Output	567 BTU
Operating Temperature	14 to 104°F (-10 to 40°C)
Operating Humidity	10%-90% RH
Storage Temperature	-13 to 140°F (-25 to 60°C)
Storage Humidity	10% to 90% Relative Humidity
Warranty Duration	3 years
Net Weight	4.42 kg/9.74 lbs
Gross Weight	5.62 kg/12.4lbs
Packaging Dimension	21.4" x 13.3" x 7.4"

Product Certifications

FCC
Yes

Dimensional Drawing



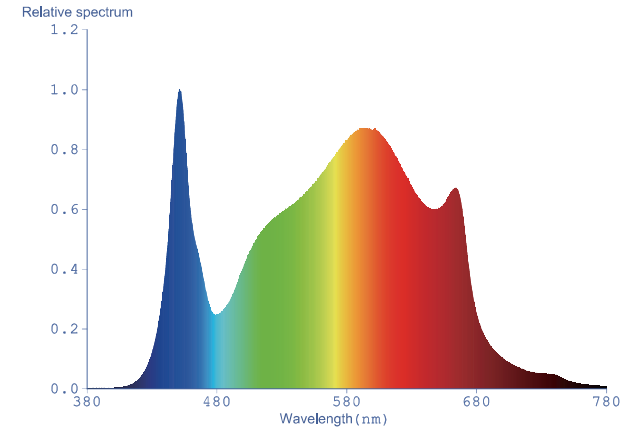
Dimension

Length(L)	23.1" (588 mm)
Width(W)	19.3" (490 mm)
Height(H)	3.2" (82 mm)

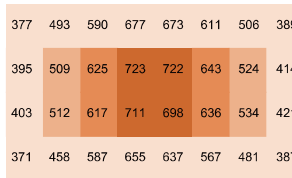
Recommended Application

Tent	footprint 4x4FT Flowering,5x5FT Vegetative
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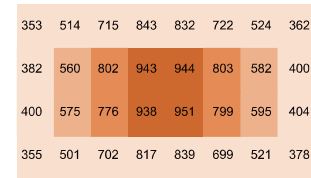
Spectral Distribution



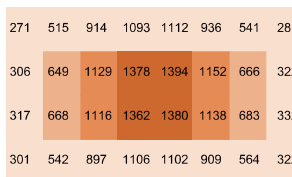
Photosynthetic Photon Flux Density (PPFD) Maps



At 24" (0.6 m)



At 18" (0.45 m)



At 12" (0.3 m)