



# RADBIO Technologies





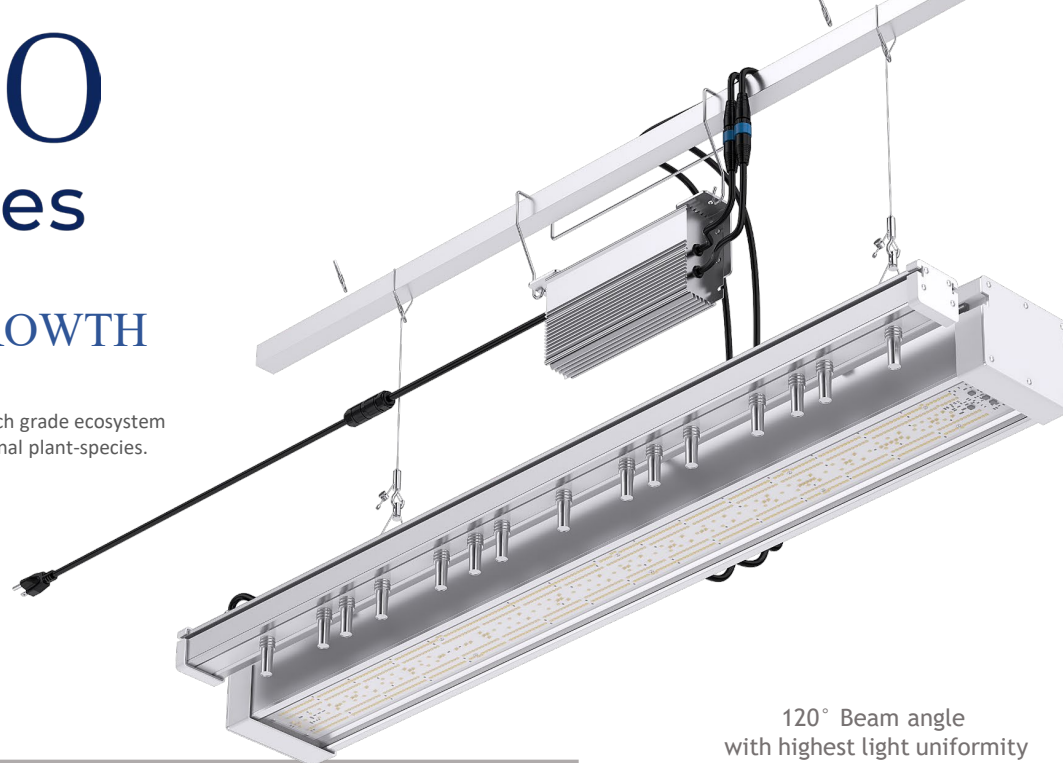
# RADBIO Technologies

## POWERING THE SCIENCE OF GROWTH

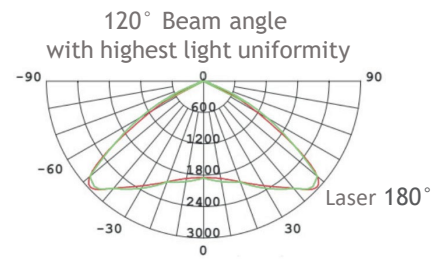
### Special Effects Spectrum

The SFX spectrum is unlike an ordinary spectrum a complete adjustable research grade ecosystem especially made for the cultivation of an extended variety of exotic and medicinal plant-species.

Fixture Specifications	
Typical Input Power *(Values include Lasers)	500 Watts
Typical Photon Flux (PPF) *(Values with Lasers)	1 400 $\mu\text{mol/s}$ 1 736 $\mu\text{mol/s}$
PPE *(Without Lasers) With Lasers *(Special equipment)	2.8 $\mu\text{mol/J}$ Above 3.3 $\mu\text{mol/J}$
IP-Rating	IP65
Operating Frequency	50-60 Hz
Operating Temperature	14-113°F (-10 + 45°C)
Power Factor	> 0.90
Heat Output	1 706 BTU/hr (0.5 kW)
Light Bar Weight Including Laser modules	10.5 kg (per single light bar)
Wireless Dimmability and Spectrum Control	RADCORP APP with AI plant library
Warranty Lifetime L90:	5 Years > 50,000hrs



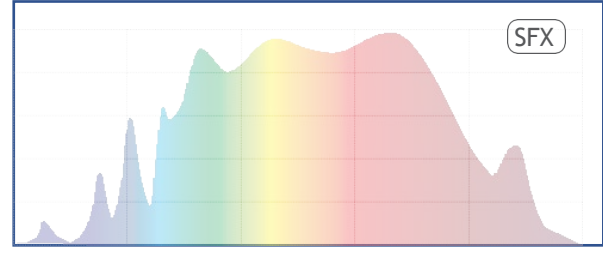
Max Input Amperage by Voltage Service					
Voltage	120V	240V	277V	347V	480V
Amp	4.2A	2.1A	1.8A	1.4A	1.04A
Additional hardware Accessories Available					
Cord Options	1500mm/ 3000mm. cord				
Plug Options	L7-15P   6-15P   6-20P   Type M				
Mounting Options	Double-Mount				
RADCORP full AI APP					
All models come with our fully dynamic AI system built in APP user interface for control and management. Wi-Fi , smart Mesh & ESP- NOW protocol for Wi-Fi control with or without a router.					



SKU: RADBIO-500-SFX with integrated AI-APP control

### Laser

\* Our Symbolic maximum mixed light spectra representation - including UVA, AI controlled GMP Laser



7 Light channels, UVA and GMP Laser, 3 Laser channels, Super Emerson, Schumann resonance, embedded technologies, cymatics sound transfer, Dynamic Plant library, Artificial Intelligence, all in a single product.

