



# RADBIO Technologies





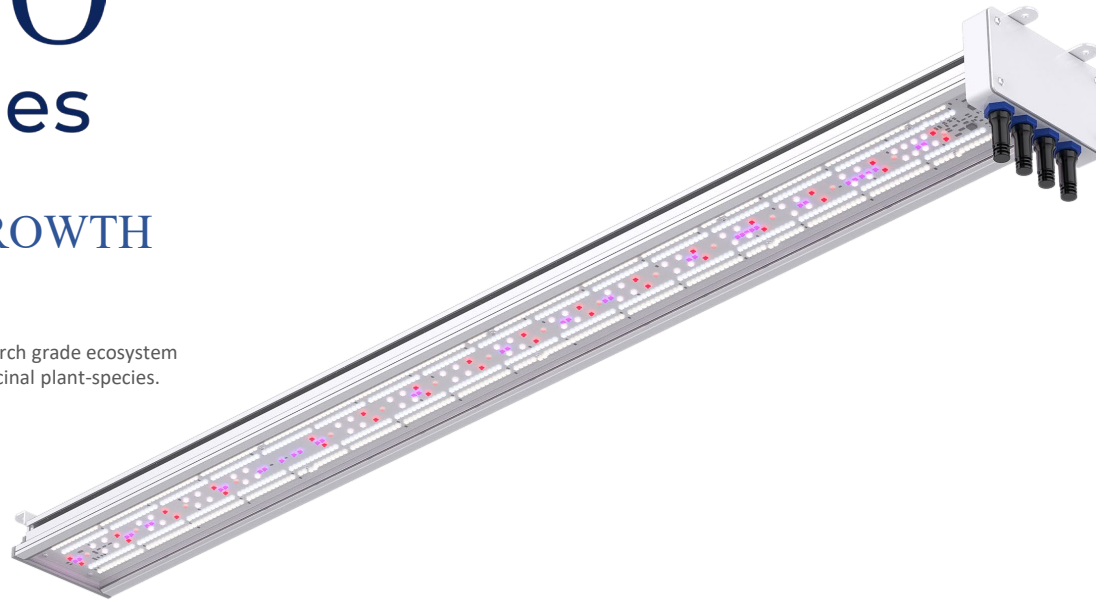


# RADBIO Technologies

## 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.



SKU: RADBION-300-SFX with integrated AI-APP control

### Fixture Specifications

Typical Input Power *(Values include Lasers)	250 Watts Max 300Watts
Typical Photon Flux (PPF)	825 - 990 $\mu\text{mol/s}$
PPE *(Without Lasers)	2.7 - 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	1023 BTU/hr (0.3 kW)
Light Bar Weight Including Laser modules	4.6 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

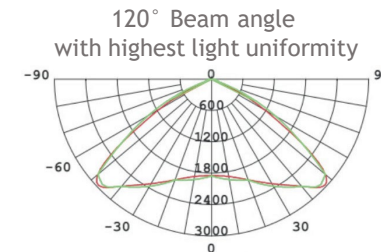
Voltage	120V	240V	277V	347V	480V
Amp	2.5A	1.25A	1.1A	0.86A	0.63A

### 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

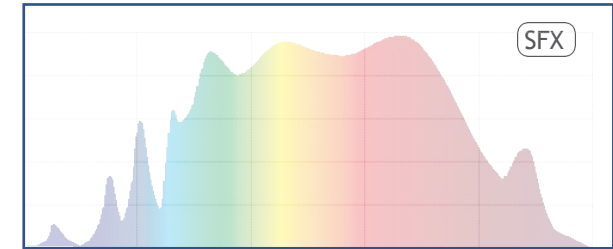
All models come with our fully dynamic AI system built in APP user interface for control and management. Wi-Fi , smart Mesh & ESP- NOW protocol for Wi-Fi control with or without a router.



### Wireless AI Control System



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



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

### Fixture Mounting Dimensions

