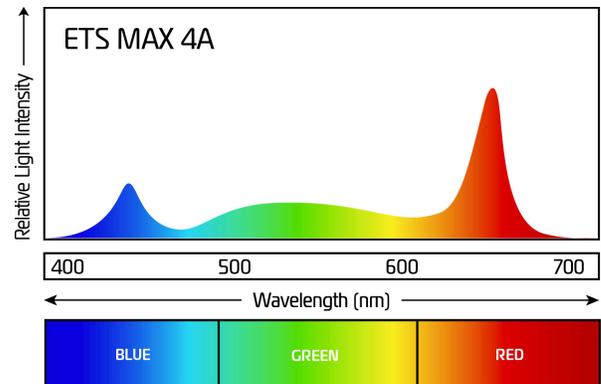# JumpLights

New!

ETS MAX 4A

2 Bar

The ETS MAX 4A is built for indoor cultivators who want to get high levels of light on their plants and don't want to worry about photobleaching. Created with a 48% red spectrum and replaceable bars, the 4A is available in 3 power levels and 2-bar and 3-bar configurations.
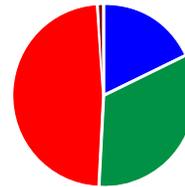
3 Power Levels

Full Power	87% Power	65% Power
PPF: 2,180	**PPF: 1,940**	**PPF: 1,517**
PPE: 2.72	**PPE: 2.79**	**PPE: 2.90**

ETS MAX 4A

Relative Light Intensity

400   500   600   700

Wavelength (nm)

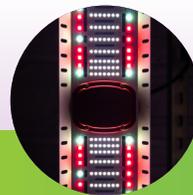| BLUE	GREEN	RED

- Far Red **1%**
- Blue **18%**
- Green **33%**
- Red **48%**

Cost Effective
Excellent light output per dollar

Low Red %
48% red spectrum reduces photobleaching

50% More Light
Higher output compared to a 1000W HPS light

Thermal Management
Optimized heat management for longevity

4A Spectrum, 2 Bar Array				
Metric		ETS MaxP-4A Single Bar DC Powered Full Power	ETS Max 800P-480-4A-2 bar array		
			Full Power (800W)	700W	520W
Optical	Photosynthetic Photon Flux: PPF (µmol/s)	1090	2180	1950	1517
	Photosynthetic Photon Efficacy: PPE (µmol/Joule)	2.89			
	Efficacy - AC derated PPE (µmol/Joule) (worst case 277/480V)		2.72	2.79	2.90
DC	DC Input voltage	53.2			
	DC current (A):	7.1			
	DC Power (W):	378			
AC & Driver	AC Voltage & Frequency: (VAC)		200-480 50/60Hz		
	AC Derated Power - Typical (W)		800		
	AC Current (typ) - 277 V		2.89		
	AC Current (typ) - 480 V		1.67		
	Power Factor (worst case @ 480V)		.919		
	Total Harmonic Distortion (%) (worst case @ 480V)		17.1		
	Driver Lifetime		> 50,000 hrs		
	Maximum Ambient Temperature		40 deg C		

Light Type	Controlled Environment	Indoor stacked, Indoor Non-stacked, and Greenhouse
	Lighting Scheme	Top Light
	Use Case	Sole-source and Supplemental
Dimming	Type	0-10V IEC, Dim to Off
	Connector	M12 Connector, Waterproof
Safety & Certifications	UL8800	Pending
	Design Lights Consortium	Pending
Lifetime	Photon Flux Maintenance L90	>50,000 Hours
	Warranty	5 Year Parts and Labor

Flexible Mounting Hooks or Wires
Multiple configurations for easy setup and installation

ETS MAX Technology
Delivers a bright, durable, lightweight fixture with customizable power and fall pattern options

Lightweight Design
Reduces strain on facility infrastructure and decreases installation time

48% Red Spectrum
Industry-leading efficiency with up to 2.90 DC PPE

Superior LED Diodes
Produces double the light output compared to HPS lights for the same power