

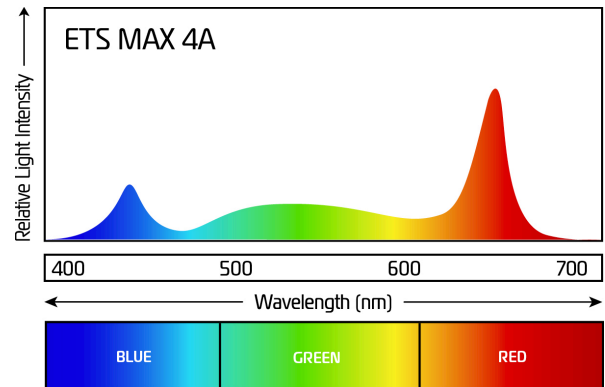


New!

# 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.

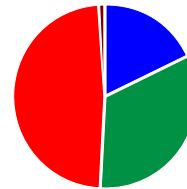


### 3 Power Levels

Full Power  
PPF: 2,215  
PPE: 2.75

87% Power  
PPF: 1,980  
PPE: 2.82

65% Power  
PPF: 1,540  
PPE: 2.93



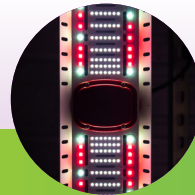
- Far Red 1%
- Blue 18%
- Green 33%
- Red 48%



**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)	1107	2215	1980	1540
	Photosynthetic Photon Efficacy: PPE (μmol/Joule)	2.92			
	Efficacy - AC derated PPE (μmol/Joule) (worst case 277/480V)		2.75	2.82	2.93
DC	DC Input voltage	53.2			
	DC current (A):	71			
	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		2.97		
	AC Current (typ) - 480 V		1.82		
	Power Factor (worst case @ 480V)		.915		
	Total Harmonic Distortion (%) (worst case @ 480V)		17.5		
	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	Certified
	Design Lights Consortium	Certified
Lifetime	Photon Flux Maintenance L90	>50,000 Hours
	Warranty	5 Year Parts and Labor

Metric	Weight
3 Bar Array	5.4 lbs
Driver	6.5 lbs

**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

**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

**Lightweight Design**  
Reduces strain on facility infrastructure and decreases installation time

