

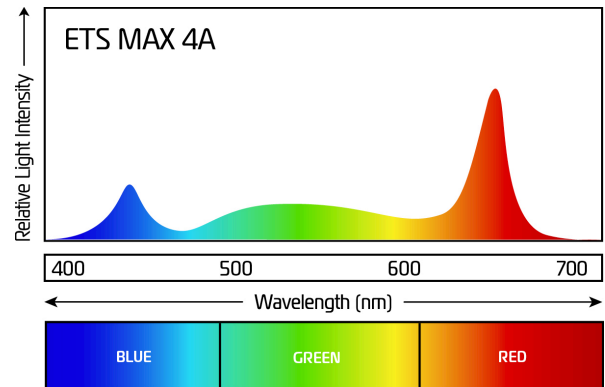


New!

# ETS MAX 4A

## 3 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.

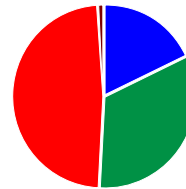


### 3 Power Levels

Full Power  
PPF: 3,320  
PPE: 2.75

87% Power  
PPF: 2,960  
PPE: 2.81

65% Power  
PPF: 2,320  
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, 3 Bar Array

Metric		ETS MaxP-4A Single Bar DC Powered Full Power	ETS Max 1200P-480-4A-3 Bar Array		
			Full Power (1200W)	1050W	780W
Optical	Photosynthetic Photon Flux: PPF (μmol/s)	1107	3320	2920	2320
	Photosynthetic Photon Efficacy: PPE (μmol/Joule)	2.93			
	Efficacy - AC derated PPE (μmol/Joule) (worst case 277/480V)		2.75	2.81	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)		1200		
	AC Current (typ) - 277 V		4.50		
	AC Current (typ) - 480 V		2.66		
	Power Factor (worst case @ 480V)		.95		
	Total Harmonic Distortion (%) (worst case @ 480V)		12.35		
	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	7.4 lbs
Driver	8 lbs

