

DIMLUX

XTREME SERIES 500W LED

Light output PPF
1500 $\mu\text{mol/s}$



INTRODUCING THE MOST POWERFUL AND SMART LED GROW LIGHT ON THE MARKET! THE DIMLUX XTREME SERIES 500W LED.

12 Years ago, Dimlux introduced the first ever groundbreaking remote controlled HPS ballast in combination with the Maxi Controller; The Dimlux Xtreme Series. Today, Dimlux introduces the smartest, most efficient and most powerful grow light on the market, the **Dimlux Xtreme Series 500W LED!**

With this innovative LED fixture, Dimlux sets a benchmark for horticultural lighting.

With patented technology, advances in LED technology, and optimal thermal design, the **Dimlux Xtreme Series 500W LED** will be the preferred option offering significant return on investment to cultivators. Our adjustable PhytoVegSpec® grow spectrum combines full control over light quality (spectral flexibility) and quantity (intensity and DLI) ensuring a uniform spread and even light distribution with extreme penetration into the canopy.

The **Dimlux Xtreme Series 500W LED** produces ultra-high levels of PPF, evenly spread over a 1.5×1.5 m grow area, with a full grow spectrum, producing consistently high quality & high yield indoor crops.

The **Dimlux Xtreme Series 500W LED** can be dimmed without losing efficiency. The spectrum and output power can be programmed depending on the time of day and the growing stage of the crop.

Auxiliary RGB LEDs with over 65k colors can be used as supplemental light and can be used as green work light in the dark phase. The work light can automatically be switched on by the internal radar proximity sensor.



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**THE FUTURE OF GROWING
JUST GOT BRIGHTER.**

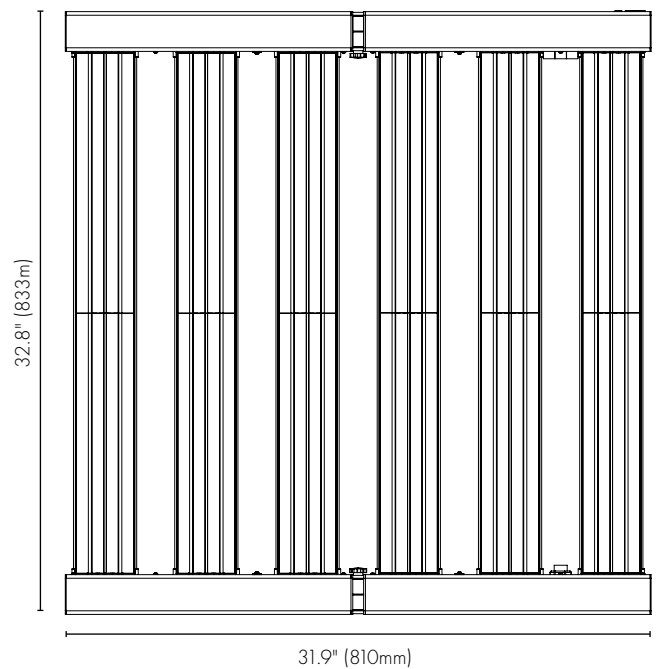
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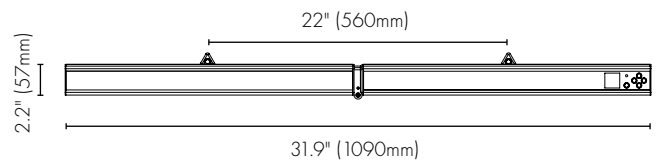
SPECIFICATIONS

Light Source	LED
Spectrum	Adjustable PhytoVegSpec® Indoor
Light Output (PPF)	1500 $\mu\text{mol/s}$
System Efficacy	2.85 $\mu\text{mol/J}$ @ 230V AC
AC Input Power	540W @ 230V AC
AC Input Voltage	120-277V AC, 50/60Hz
Beam Angle	90° × 120°
Optics	Patented Deep Penetration Ultra High Transmittance Lens
Auxiliary Light	Patented Light Pipe Multi Color 65k
Proximity sensor	Doppler Radar
Mounting Height	20-50cm Above Canopy
Thermal Management	Passive
Max. Ambient Temperature	40°C / 105°F
Control	By Maxi Controller or Internal Controller
Smartports (3x)	Interlink, Plant Temperature Sensor, Light Sensor
Display For Spectrum and GUI	1.54" 65k Color IPS
Total Harmonic Distortion (THD)	< 10%
Lifetime L90	> 50,000h
IP Rating	IP65
Certifications	CE, UL 8800, UL 1598 Wet Location, DLC
Warranty	5 Year Standard

TOP VIEW



SIDE VIEW



SPECTRA Adjustable PhytoVegSpec® Indoor

