

DIMLUX

XTREME SERIES 500W LED



THE NEW DIMLUX XTREME SERIES LED

THE SMARTEST AND MOST POWERFUL
LED GROW LIGHT ON THE MARKET!

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



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THE FUTURE OF GROWING JUST GOT BRIGHTER.

SPECIFICATIONS

Light Source	LED
Spectrum	Adjustable PhytoVegSpec® Indoor
Light Output (PPF)	1500 $\mu\text{mol/s}$
System Efficacy	2.81 $\mu\text{mol/J @ 240V AC}$
AC Input Power	540w @ 240V AC
AC Input Voltage	120-277V AC, 50/60Hz
Beam Angle	90° × 120°
Optics	Patented Deep Penetration Ultra High Transmittance Lens
Auxilliary Light	Patented Light Pipe Multi Color 65k
Proximity sensor	Doppler Radar
Mounting Height	(2-3 ft) Depending on chosen intensity
Thermal Management	Passive
Max. Ambient Temperature	105°F / 40°C
Control	By Maxi Controller or Internal Controller
Smartports (3x)	For Dimlux Sensors and Interlink Cables
Display For Spectrum and GUI	1.54" 65k Color (IPS)
Total Harmonic Distortion (THD)	< 10%
Lifetime L90 (Q90)	> 50,000h
Dimensions (L x W x H)	32.8" × 31.9" × 2.2"
IP Rating	IP65
Certifications	CE, UL 8800, UL 1598 Wet Location, DLC
Warranty	5 Year Standard

Dimlux Xtreme Series 500w LED Grow Light

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. This adjustable **PhytoVegSpec®** grow spectrum combines full control over light quality (spectral tunability) and quantity (intensity/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 given grow area (fixture level dependent), with a full 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 growth stage of the crop.

Accessory RGB LEDs can be used as condition indicators when paired with Dimlux sensors - 65k colors available. In cooperation with the internal radar proximity sensor (Doppler) the green work light can automatically be switched on during nighttime mode.

SPECTRA Adjustable PhytoVegSpec® Indoor

