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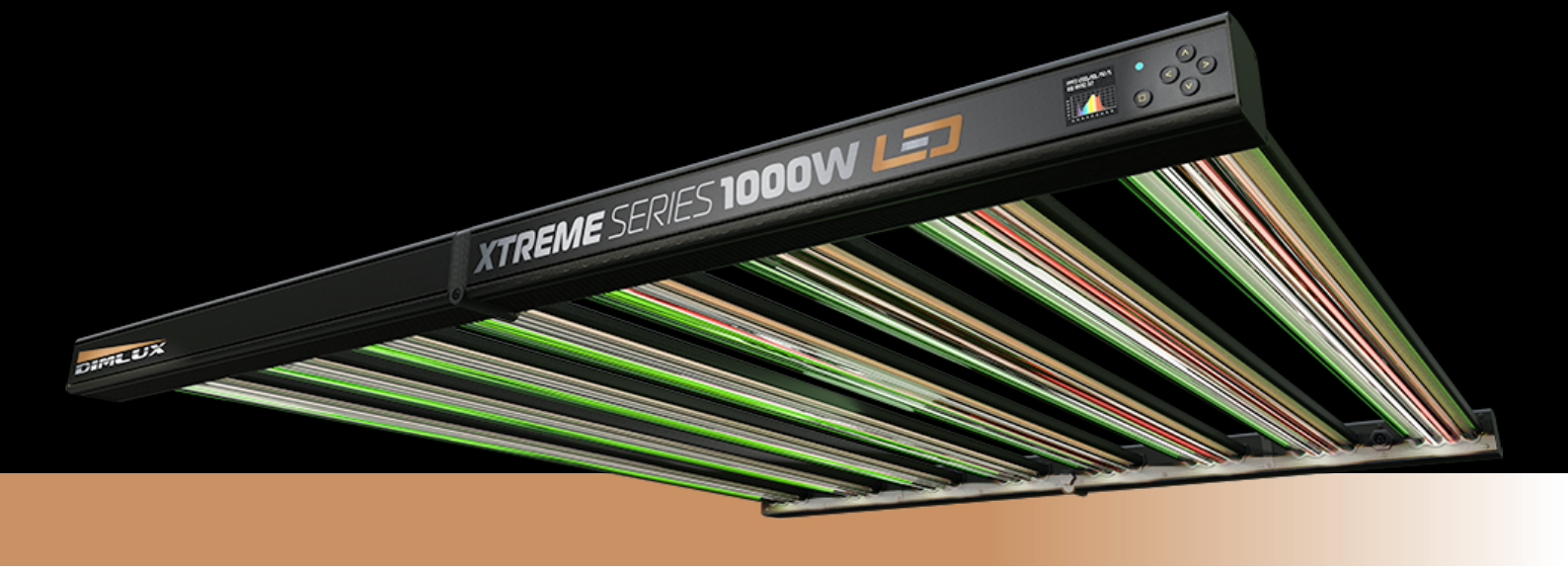
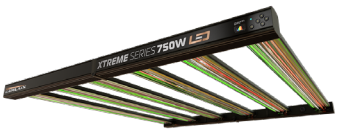
DIMLUX XTREME SERIES LED



INTRODUCING THE MOST POWERFUL AND SMART LED GROWLIGHT ON THE MARKET!
THE DIMLUX XTREME SERIES LED.

XTREME SERIES
LED 500W



XTREME SERIES
LED 750W

XTREME SERIES
LED 1000W

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DIMLUX XTREME SERIES LED

INTRODUCING THE MOST POWERFUL AND SMART LED GROWLIGHT ON THE MARKET!
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12 Years ago, Dimlux introduced the first ever ground breaking 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 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 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 LED** produces ultra-high levels of PPFD, evenly spread over a 1.2x1.2m grow area (500W) or a 1.5x1.5 m grow area (750W and 1000W), with a full grow spectrum, producing consistently high quality & high yield indoor crops.

The **Dimlux Xtreme Series 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.

Dimlux Xtreme Series LED – NIR
NIR means Near InfraRed. NIR is red light that becomes visible with a thermo graphic camera. It is therefore not directly visible to the naked eye, but is usefull for the crop.

The theory that this part of the color-spectrum would not contribute to photosynthesis is outdated. New studies have shown that when the red spectrum and NIR are combined, the sum is equal to or even greater than the individual parts. So the colours Red and Near-InfraRed must be combined to work properly.

In this combination, NIR also provides extra stretching and gives a fuller crop. DIMLUX LED with morphological properties ensures that the crop grows better in a broader spectrum.

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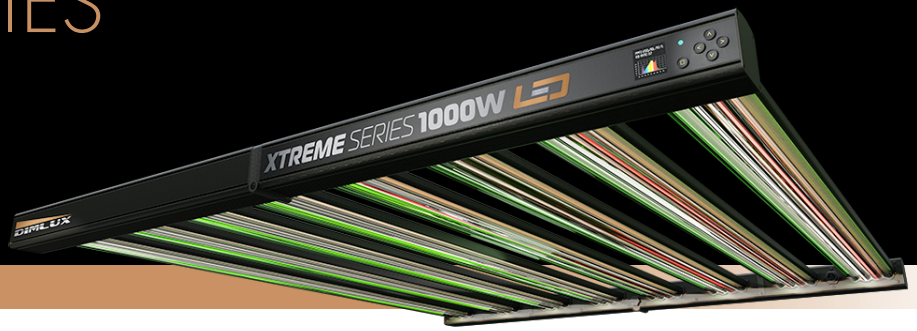
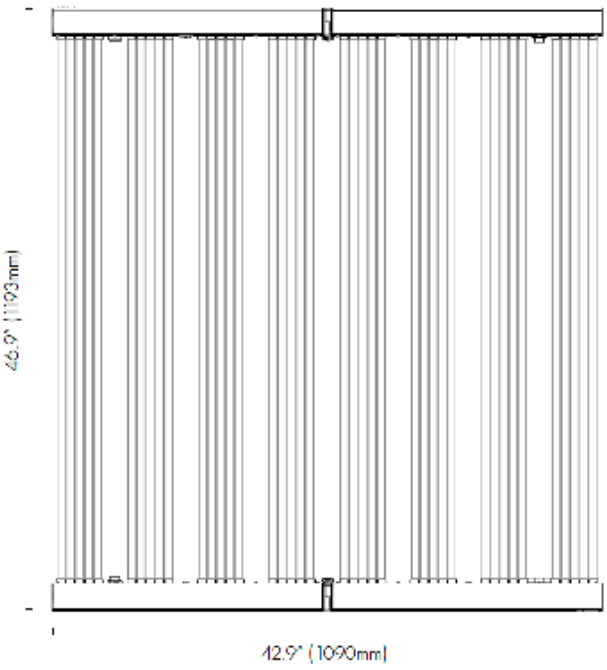
DIMLUX LED

XTREME SERIES
1000W LED

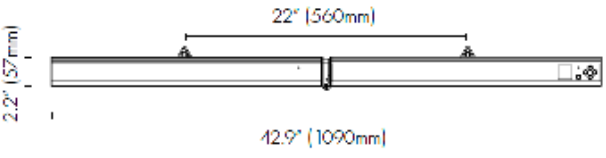


Light Source	LED
Spectrum	Adjustable PhytoVegSpec® Indoor
Light Output (PPF)	3035 µmol/s
System Efficacy	2.85 µmol/J @ 230V AC
AC Input Power	1065W @ 230V AC
AC Input Voltage	120-277V AC, 50/60Hz
Beam Angle	90° × 120°
Optics	Patented Deep Penetration Ultra High Transmittance Lens
Auxilary Light	Patented Light Pipe Multi Color 65k
Proximity sensor	Doppler Radar
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:	> 50,000hrs
IP Rating	IP65
Certifications	CE, UL 8800, UL 1598 Wet Location, DLC
Warranty	5 Year Standard

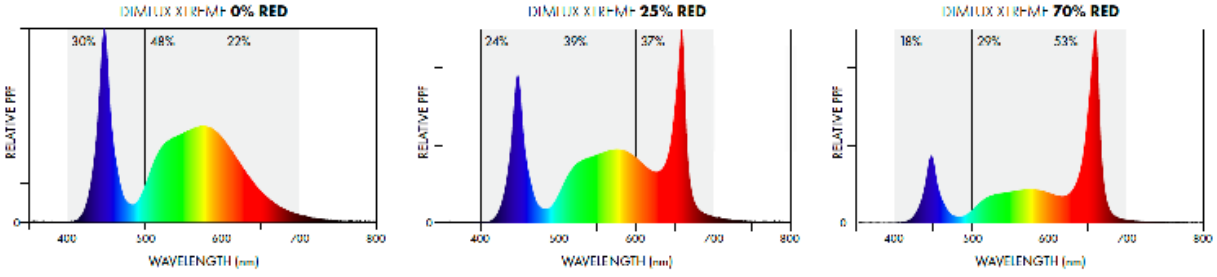
TOP VIEW



SIDE VIEW

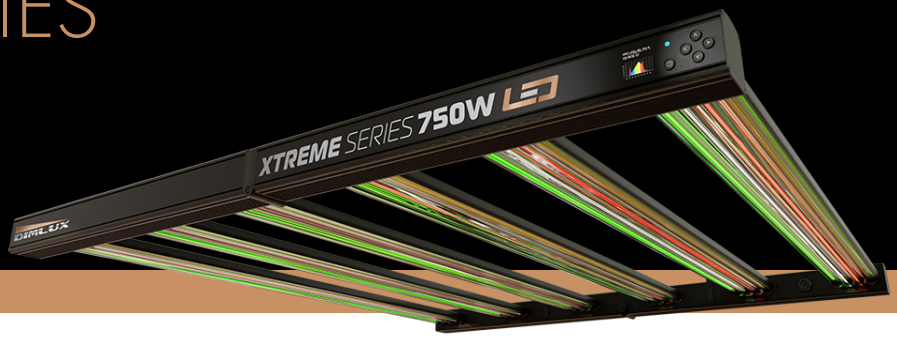


SPECTRA *Adjustable PhytoVegSpec® Indoor*



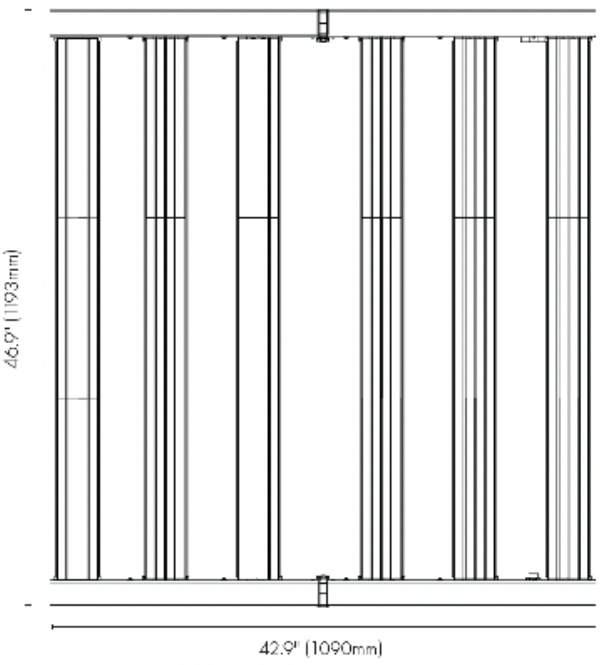
DIMLUX LED

XTREME SERIES
750W LED

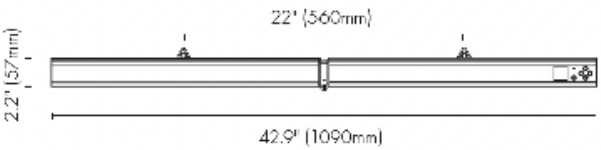


Light Source	LED
Spectrum	Adjustable PhytoVegSpec® Indoor
Light Output (PPF)	2276 µmol/s
System Efficacy	2.85 µmol/J @ 230V AC
AC Input Power	799W @ 230V AC
AC Input Voltage	120-277V AC, 50/60Hz
Beam Angle	90° × 120°
Optics	Patented Deep Penetration Ultra High Transmittance Lens
Auxiliary Light	Patented Light Pipe Multi Color 65k
Proximity sensor	Doppler Radar
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

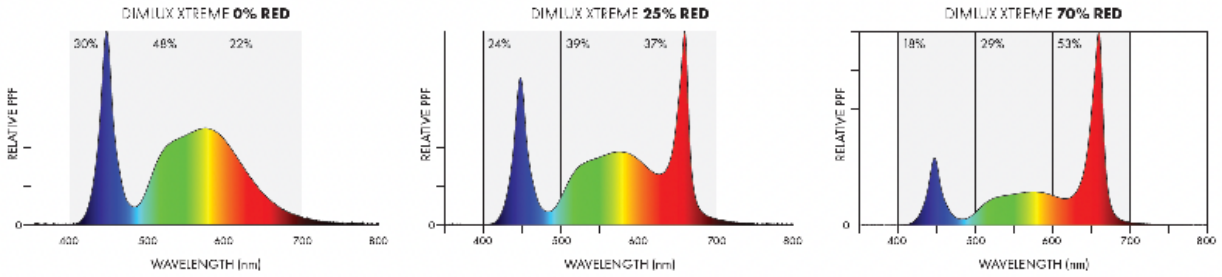
TOP VIEW



SIDE VIEW



SPECTRA *Adjustable PhytoVegSpec® Indoor*

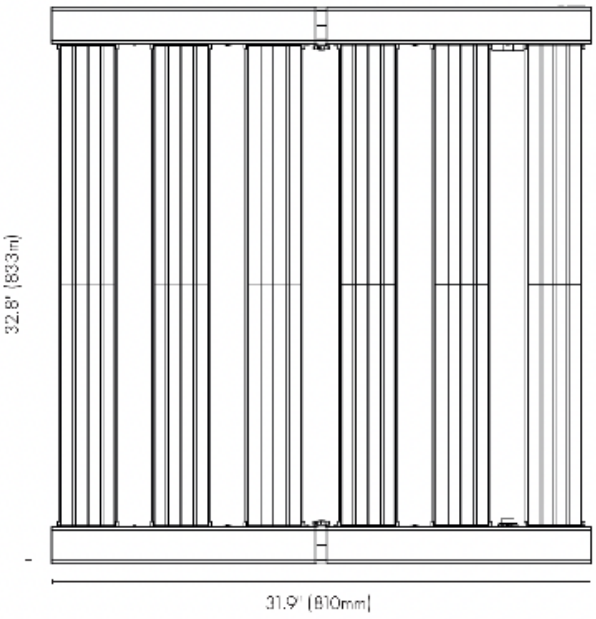


DIMLUX LED

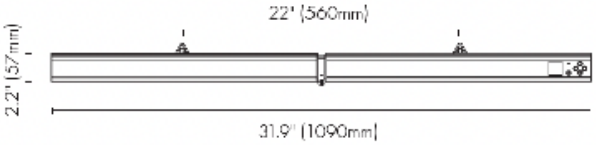
XTREME SERIES
500W LED

Light Source	LED
Spectrum	Adjustable PhytoVegSpec® Indoor
Light Output (PPF)	1500 µmol/s
System Efficacy	2.85 µmol/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
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

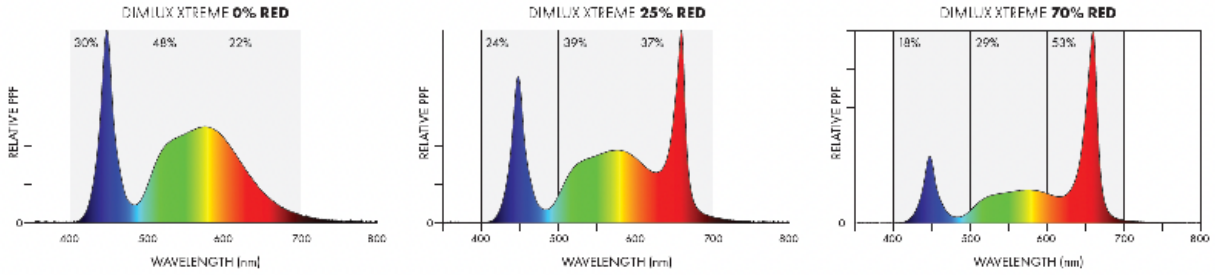
TOP VIEW



SIDE VIEW



SPECTRA *Adjustable PhytoVegSpec® Indoor*



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