

INTRODUCING THE MOST POWERFUL AND SMART 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 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 1.5x1.5m grow area, 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.

The auxiliary RGB LEDs can be used as additional light and as (green) work light in the night phase. The auxiliary lighting can be switched on automatically by the internal radar motion sensor.

PHYTOVEGSPEC® INDOOR OR PHYTOVEGSPEC® INDOOR +NIR

Our adjustable PhytoVegSpec® Indoor Grow Spectrum combines full control over light quality (spectral flexibility) and quantity (intensity and DLI), ensuring uniform spread and even light distribution with extreme canopy penetration.

The +NIR fixtures have extra far red light that is used together with red. Due to the extra far red, the plants will grow taller than with the non-far-red variety. Customers who aim for the most compact cultivation possible opt for the normal version without extra far red.

THE FUTURE OF GROWING JUST GOT BRIGHTER.



DIMLUX XTREME SERIES LED

Light Output Total
3142 $\mu\text{mol/s}$
Light Output Total @ +NIR
3089 $\mu\text{mol/s}$



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V- 0811 2022

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THE FUTURE OF GROWING
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DIMLUX

XTREME SERIES 500W LED

Adjustable PhytoVegSpec® (+NIR) Indoor

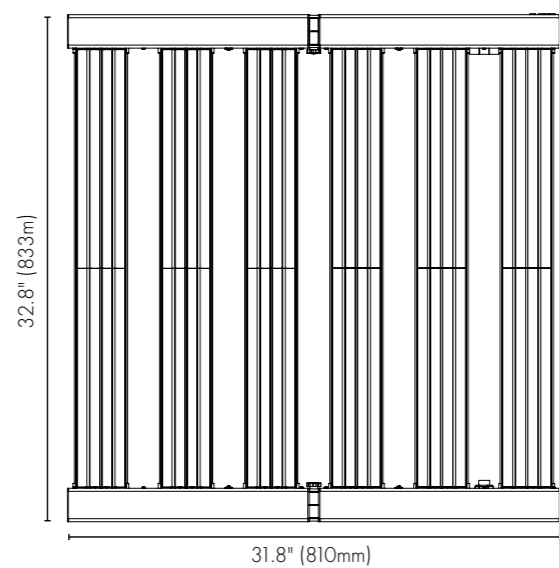
Light Output Total
1571 $\mu\text{mol/s}$
(PPF 350-800nm)



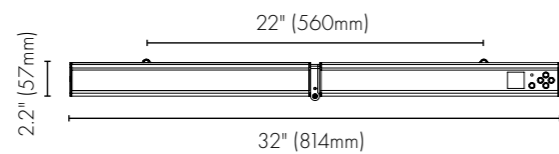
SPECIFICATIONS

| Spectrum Adjustable PhytoVegSpec® Indoor | |
|---|---|
| Light Output (PPF) | 1500 $\mu\text{mol/s}$ |
| Light Output Total (PPF 350-800nm) | 1571 $\mu\text{mol/s}$ |
| System Efficacy | 2.81 $\mu\text{mol/J}$ @ 230-240V AC |
| System Efficacy Total (PPE 350-800nm) | 2.91 $\mu\text{mol/J}$ @ 230-240V AC |
| AC Input Power | 540W @ 230-240V AC |
| Spectrum Adjustable PhytoVegSpec® +NIR Indoor | |
| Light Output (PPF) | 1420 $\mu\text{mol/s}$ |
| Light Output Total (PPF 350-800nm) | 1550 $\mu\text{mol/s}$ |
| System Efficacy | 2.67 $\mu\text{mol/J}$ @ 230-240V AC |
| System Efficacy Total (PPE 350-800nm) | 2.87 $\mu\text{mol/J}$ @ 230-240V AC |
| AC Input Power | 540W @ 230-240V AC |
| Spectrum Adjustable PhytoVegSpec® +NIR Indoor | |
| AC Input Voltage | 120-277V AC, 50/60Hz |
| Beam Angle | 90° x 120° |
| Optics | Patented Deep Penetration Ultra High Transmittance Lens |
| Auxiliary Light | Patented Light Pipe Multi Color 65k |
| Proximity sensor | Doppler Radar |
| Mounting Height Above Canopy | 20-50 cm / 7.8-19.7 in |
| 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" 16M 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



XTREME SERIES 750W LED

Adjustable PhytoVegSpec® (+NIR) Indoor

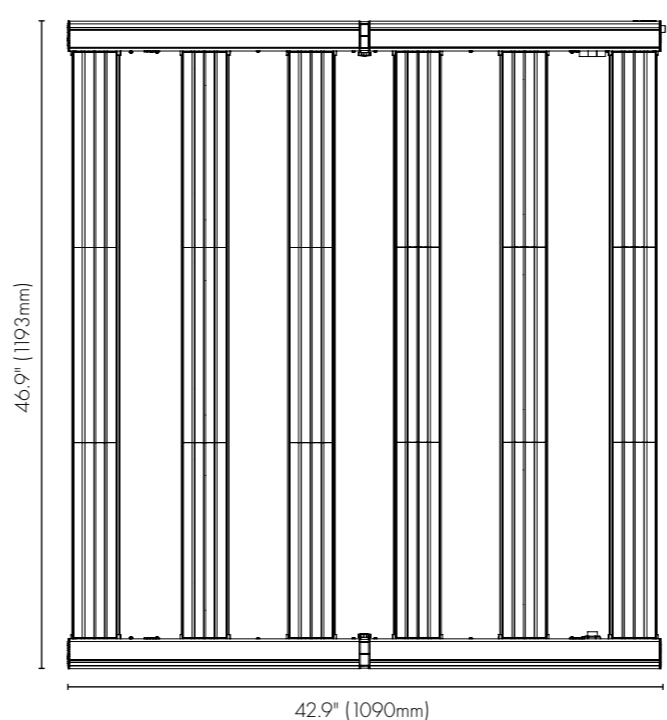
Light Output Total
2357 $\mu\text{mol/s}$
(PPF 350-800nm)



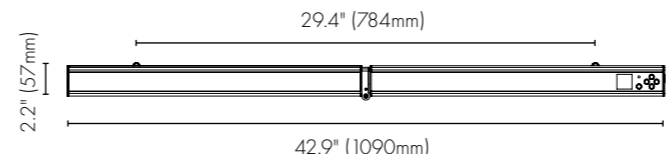
SPECIFICATIONS

| Spectrum Adjustable PhytoVegSpec® Indoor | |
|---|---|
| Light Output (PPF) | 2276 $\mu\text{mol/s}$ |
| Light Output Total (PPF 350-800nm) | 2357 $\mu\text{mol/s}$ |
| System Efficacy | 2.85 $\mu\text{mol/J}$ @ 230-240V AC |
| System Efficacy Total (PPE 350-800nm) | 2.95 $\mu\text{mol/J}$ @ 230-240V AC |
| AC Input Power | 799W @ 230-240V AC |
| Spectrum Adjustable PhytoVegSpec® +NIR Indoor | |
| Light Output (PPF) | 2159 $\mu\text{mol/s}$ |
| Light Output Total (PPF 350-800nm) | 2317 $\mu\text{mol/s}$ |
| System Efficacy | 2.7 $\mu\text{mol/J}$ @ 230-240V AC |
| System Efficacy Total (PPE 350-800nm) | 2.9 $\mu\text{mol/J}$ @ 230-240V AC |
| AC Input Power | 799W @ 230-240V AC |
| Spectrum Adjustable PhytoVegSpec® +NIR Indoor | |
| AC Input Voltage | 120-277V AC, 50/60Hz |
| Beam Angle | 90° x 120° |
| Optics | Patented Deep Penetration Ultra High Transmittance Lens |
| Auxiliary Light | Patented Light Pipe Multi Color 65k |
| Proximity sensor | Doppler Radar |
| Mounting Height Above Canopy | 30-65 cm / 11.8-25.5 in |
| 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" 16M 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



XTREME SERIES 1000W LED

Adjustable PhytoVegSpec® (+NIR) Indoor

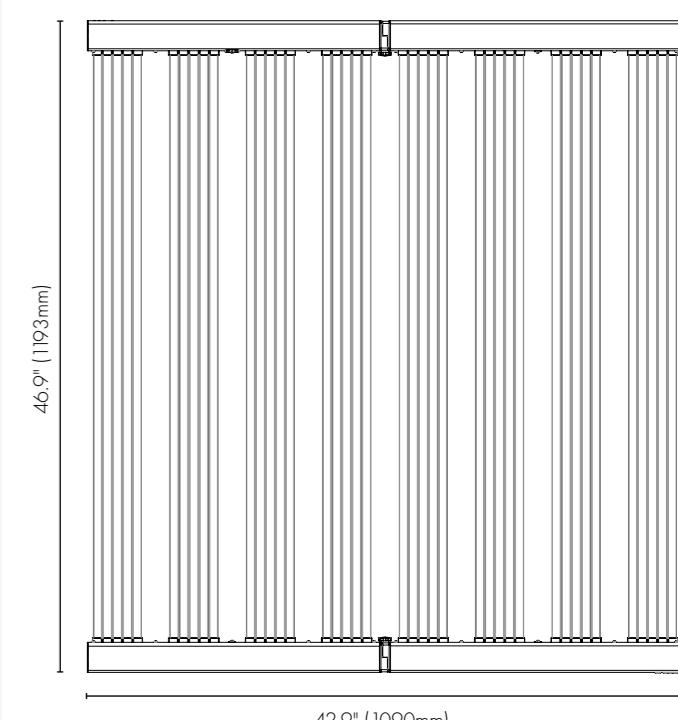
Light Output Total
3142 $\mu\text{mol/s}$
(PPF 350-800nm)



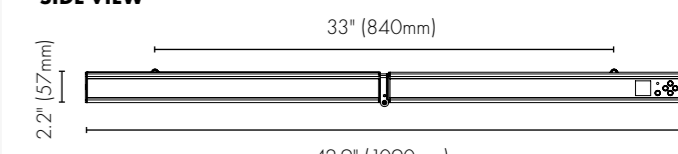
SPECIFICATIONS

| Spectrum Adjustable PhytoVegSpec® Indoor | |
|---|---|
| Light Output (PPF) | 3035 $\mu\text{mol/s}$ |
| Light Output Total (PPF 350-800nm) | 3142 $\mu\text{mol/s}$ |
| System Efficacy | 2.85 $\mu\text{mol/J}$ @ 230-240V AC |
| System Efficacy Total (PPE 350-800nm) | 2.95 $\mu\text{mol/J}$ @ 230-240V AC |
| AC Input Power | 1065 @ 230-240V AC |
| Spectrum Adjustable PhytoVegSpec® +NIR Indoor | |
| Light Output (PPF) | 2879 $\mu\text{mol/s}$ |
| Light Output Total (PPF 350-800nm) | 3059 $\mu\text{mol/s}$ |
| System Efficacy | 2.7 $\mu\text{mol/J}$ @ 230-240V AC |
| System Efficacy Total (PPE 350-800nm) | 2.9 $\mu\text{mol/J}$ @ 230-240V AC |
| AC Input Power | 1065W @ 230-240V AC |
| Spectrum Adjustable PhytoVegSpec® +NIR Indoor | |
| AC Input Voltage | 120-277V AC, 50/60Hz |
| Beam Angle | 90° x 120° |
| Optics | Patented Deep Penetration Ultra High Transmittance Lens |
| Auxiliary Light | Patented Light Pipe Multi Color 65k |
| Proximity sensor | Doppler Radar |
| Mounting Height Above Canopy | 40-85 cm / 15.7-31.4 in |
| 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" 16M 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



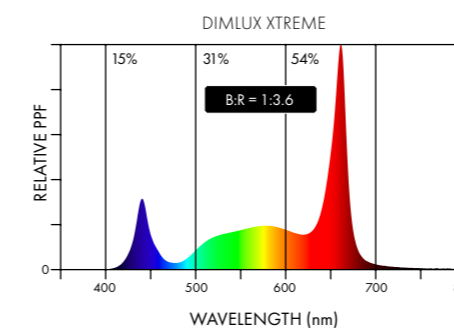
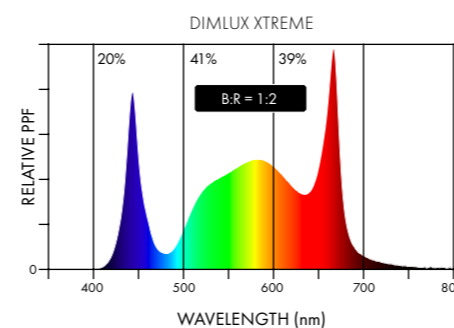
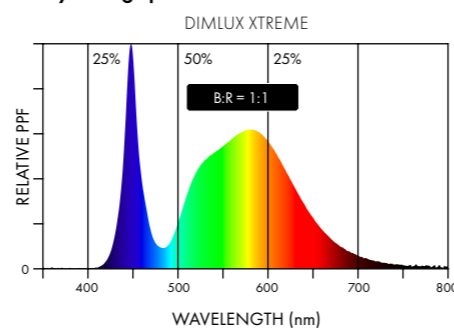
PHYTOVEGSPEC® INDOOR OR PHYTOVEGSPEC® INDOOR +NIR

Our adjustable PhytoVegSpec® Indoor Grow Spectrum combines full control over light quality (spectral flexibility) and quantity (intensity and DLI), ensuring uniform dispersion and even light distribution with extreme canopy penetration.

The +NIR fixtures have extra far-red light that is used together with red. Due to the extra far red, the plants will grow taller than with the non-far-red variety. The extra far red provides a more complete spectrum, increased photosynthesis, increased photon absorption and an increased yield due to modified morphology. The plant will stretch a little more than with the normal version without NIR.

Customers who aim for the most compact cultivation possible opt for the normal version without extra far red.

PhytoVegSpec® Indoor



PhytoVegSpec® +NIR Indoor

