

DIMLUX XTREME SERIES MKII DATASHEET



DIMLUX XTREME SERIES 550W LED
DIMLUX XTREME SERIES 550W+NIR LED

DIMLUX XTREME SERIES 800W LED
DIMLUX XTREME SERIES 800W+NIR LED

DIMLUX XTREME SERIES 1050W LED
DIMLUX XTREME SERIES 1050W+NIR LED

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

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XTREME SERIES 550W LED MKII ION

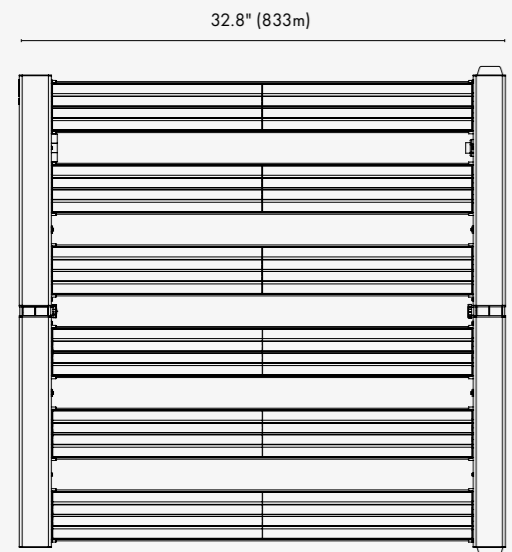


SPECIFICATIONS

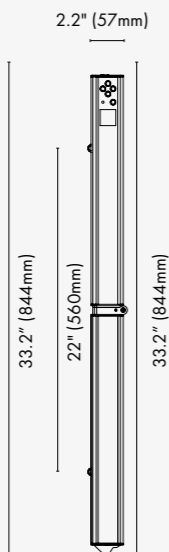
Light Source	550W LED
Spectrum	Adjustable PhytoVegSpec® Indoor
Light Output (PPF)	1965 µmol/s
Light Output Total (PPF 350-800nm)	1994 µmol/s
PAR Photon Efficacy (400-700nm)	3.4 µmol/J @ 230-240V AC
Total Photon Efficacy (350-800nm)	3.45 µmol/J @ 230-240V AC
AC Input Power	578W
AC Input Voltage	208-400V AC, 50/60Hz
Beam Angle	90° × 120°
Optics	Patented Deep Penetration Ultra High Transmittance Lens
Auxiliary Light	Patented Light Pipe Multi Color 65k
Ioniser	Patented Negative Ions & Cold Plasma
Ozone	Non Detectable <0.05PPM

Proximity sensor	Doppler Radar
Minimum Mounting Height Above Canopy	50 cm / 19.7"
Thermal Management	Passive
Max. Ambient Temperature	35°C / 95°F
Control	By Smart Remote, 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)	< 20%
Lifetime L90	> 50,000h
IP Rating	IP65
Certifications	CE, UL 8800, UL 1598 Wet Location, DLC
Weight	12.4 kg / 27.3 lbs
Warranty	5 Year Standard

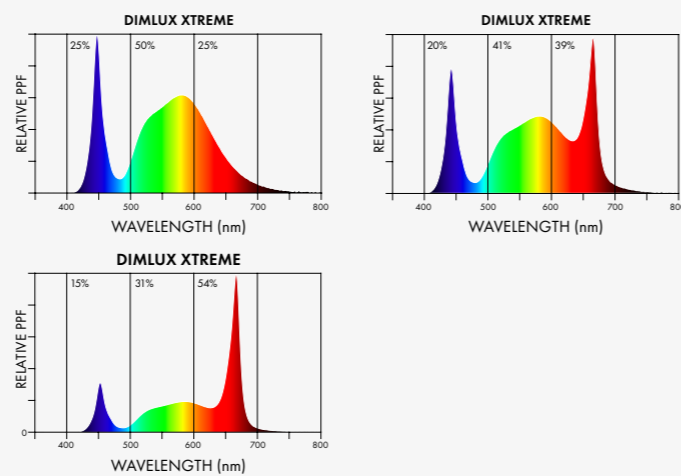
TOP VIEW



SIDE VIEW



SPECTRUM



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XTREME SERIES 550W LED +NIR MKII ION

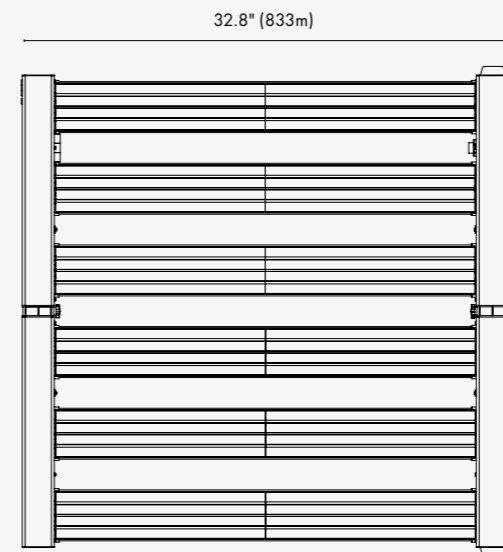


SPECIFICATIONS

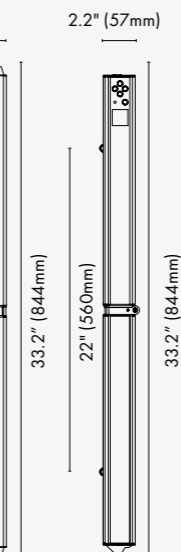
Light Source	550W LED
Spectrum	Adjustable PhytoVegSpec® Indoor +NIR
Light Output (PPF)	1965 µmol/s
Light Output Total (PPF 350-800nm)	1850 µmol/s
PAR Photon Efficacy (400-700nm)	3.2 µmol/J @ 230-240V AC
Total Photon Efficacy (350-800nm)	3.4 µmol/J @ 230-240V AC
AC Input Power	578W
AC Input Voltage	208-400V AC, 50/60Hz
Beam Angle	90° × 120°
Optics	Patented Deep Penetration Ultra High Transmittance Lens
Auxiliary Light	Patented Light Pipe Multi Color 65k
Ioniser	Patented Negative Ions & Cold Plasma
Ozone	Non Detectable <0.05PPM

Proximity sensor	Doppler Radar
Minimum Mounting Height Above Canopy	50 cm / 19.7"
Thermal Management	Passive
Max. Ambient Temperature	35°C / 95°F
Control	By Smart Remote, 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)	< 20%
Lifetime L90	> 50,000h
IP Rating	IP65
Certifications	CE, UL 8800, UL 1598 Wet Location, DLC
Weight	12.4 kg / 27.3 lbs
Warranty	5 Year Standard

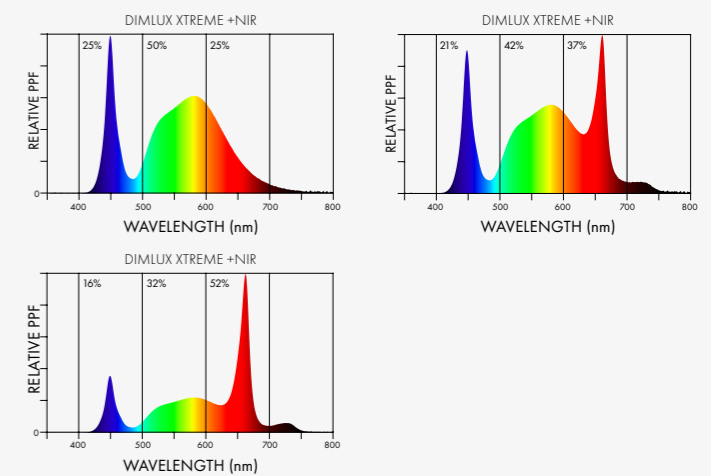
TOP VIEW



SIDE VIEW

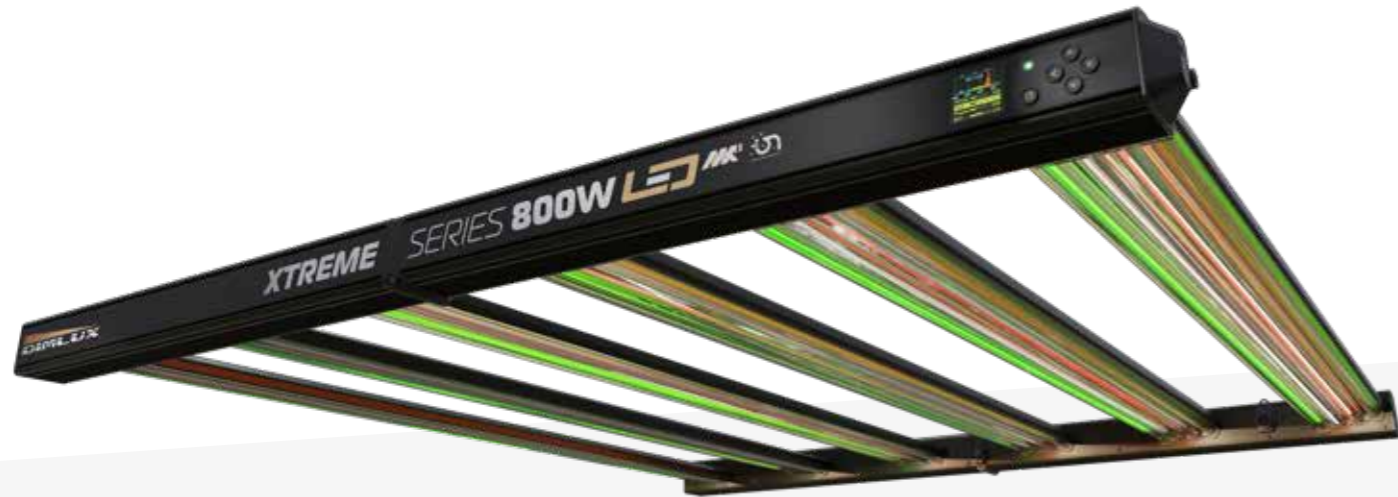


SPECTRUM



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XTREME SERIES 800W LED MKII ION

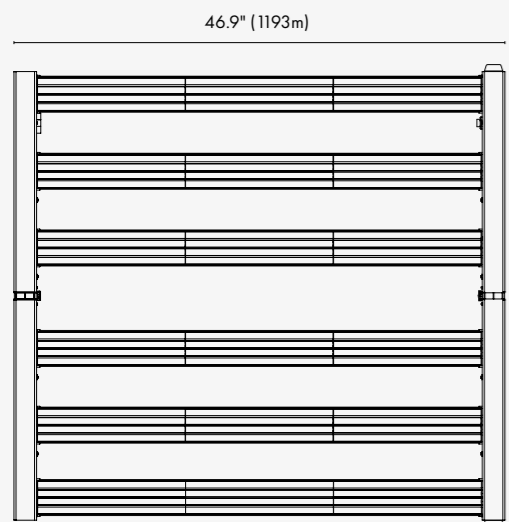


SPECIFICATIONS

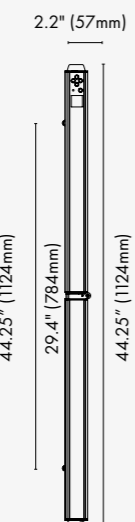
Light Source	800W LED
Spectrum	Adjustable PhytoVegSpec® Indoor
Light Output (PPF)	2884 µmol/s
Light Output Total (PPF 350-800nm)	2926 µmol/s
PAR Photon Efficacy (400-700nm)	3.45 µmol/J @ 230-240V AC
Total Photon Efficacy (350-800nm)	3.5 µmol/J @ 230-240V AC
AC Input Power	836W
AC Input Voltage	208-400V AC, 50/60Hz
Beam Angle	90° × 120°
Optics	Patented Deep Penetration Ultra High Transmittance Lens
Auxiliary Light	Patented Light Pipe Multi Color 65k
Ioniser	Patented Negative Ions & Cold Plasma
Ozone	Non Detectable <0.05PPM

Proximity sensor	Doppler Radar
Minimum Mounting Height Above Canopy	60 cm / 23.6"
Thermal Management	Passive
Max. Ambient Temperature	35°C / 95°F
Control	By Smart Remote, 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)	< 20%
Lifetime L90	> 50,000h
IP Rating	IP65
Certifications	CE, UL 8800, UL 1598 Wet Location, DLC
Weight	16.1 kg / 35.5 lbs
Warranty	5 Year Standard

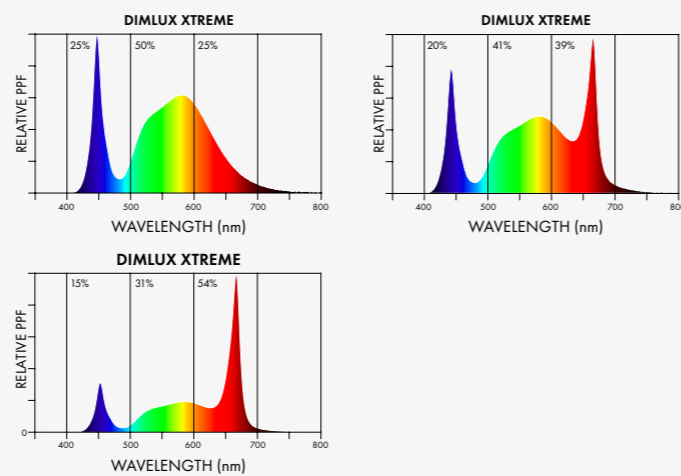
TOP VIEW



SIDE VIEW

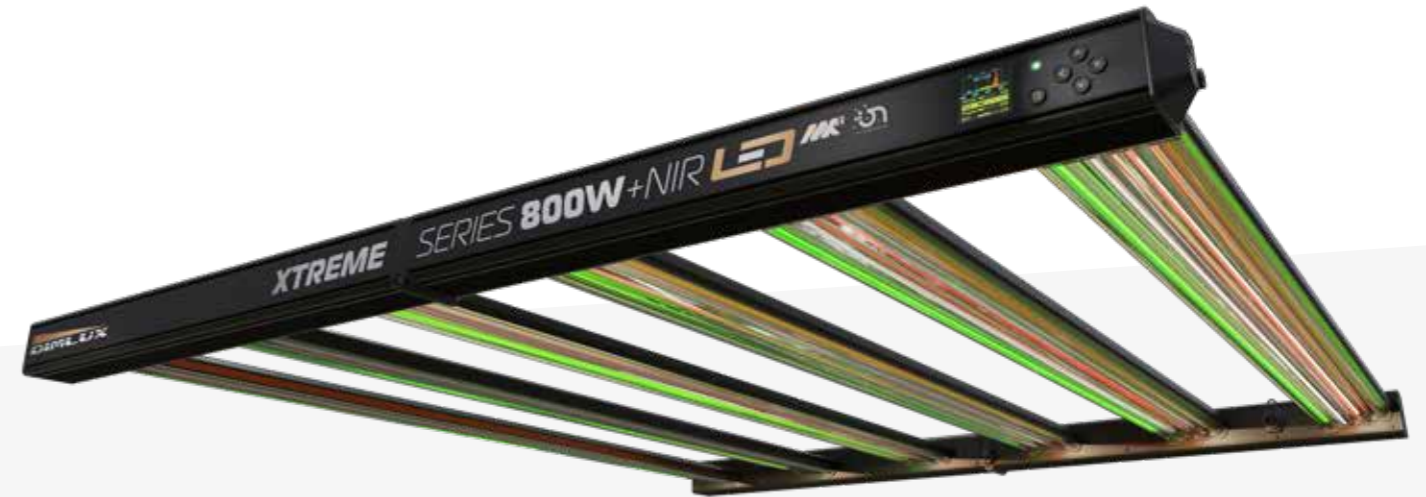


SPECTRUM



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XTREME SERIES 800W LED+NIR MKII ION

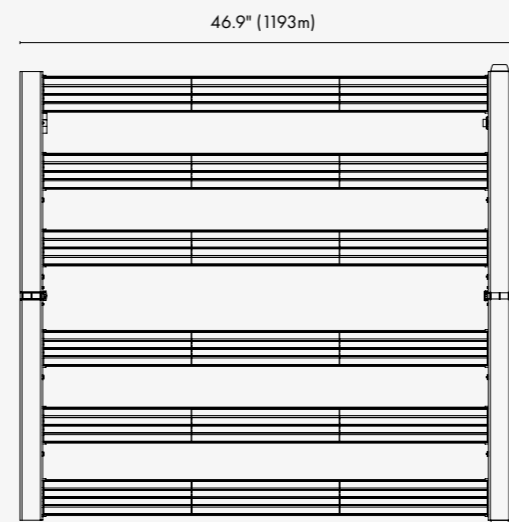


SPECIFICATIONS

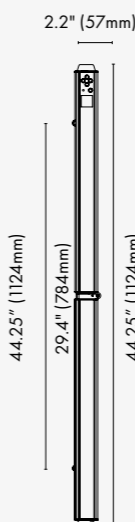
Light Source	800W LED
Spectrum	Adjustable PhytoVegSpec® Indoor +NIR
Light Output (PPF)	2663 µmol/s
Light Output Total (PPF 350-800nm)	2871 µmol/s
PAR Photon Efficacy (400-700nm)	3.2 µmol/J @ 230-240V AC
Total Photon Efficacy (350-800nm)	3.45 µmol/J @ 230-240V AC
AC Input Power	832W
AC Input Voltage	208-400V AC, 50/60Hz
Beam Angle	90° × 120°
Optics	Patented Deep Penetration Ultra High Transmittance Lens
Auxiliary Light	Patented Light Pipe Multi Color 65k
Ioniser	Patented Negative Ions & Cold Plasma
Ozone	Non Detectable <0.05PPM

Proximity sensor	Doppler Radar
Minimum Mounting Height Above Canopy	60 cm / 23.6"
Thermal Management	Passive
Max. Ambient Temperature	35°C / 95°F
Control	By Smart Remote, 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)	< 20%
Lifetime L90	> 50,000h
IP Rating	IP65
Certifications	CE, UL 8800, UL 1598 Wet Location, DLC
Weight	16.1 kg / 35.5 lbs
Warranty	5 Year Standard

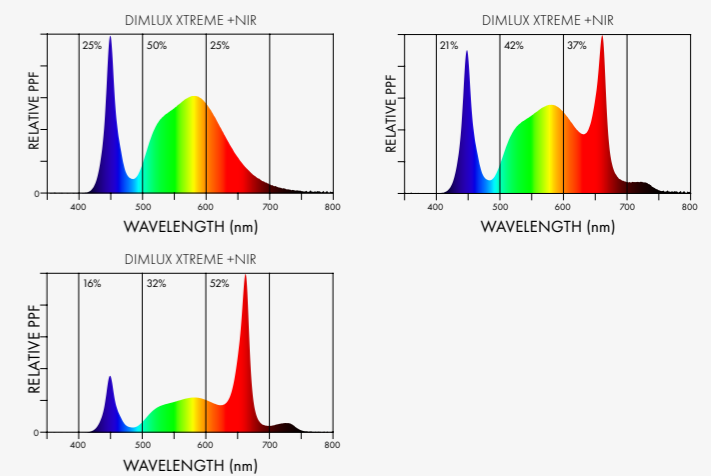
TOP VIEW



SIDE VIEW



SPECTRUM



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XTREME SERIES 1050W LED MKII ION

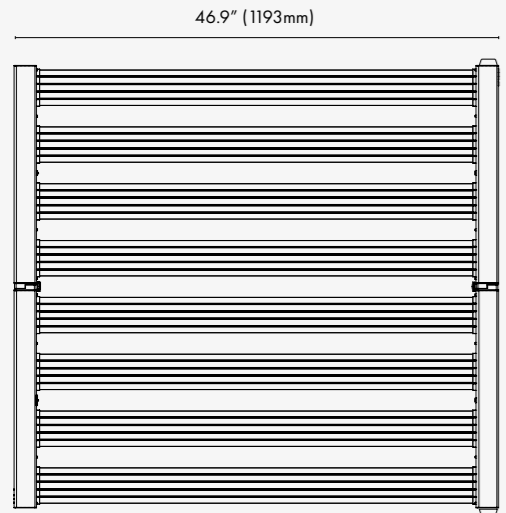


SPECIFICATIONS

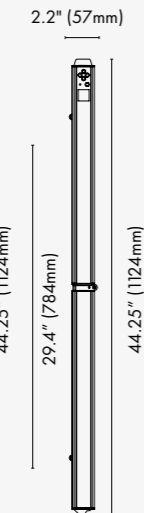
Light Source	1050W LED
Spectrum	Adjustable PhytoVegSpec® Indoor
Light Output (PPF)	3877 μmol/s
Light Output Total (PPF 350-800nm)	3931 μmol/s
PAR Photon Efficacy (400-700nm)	3.55 μmol/J @ 230-240V AC
Total Photon Efficacy (350-800nm)	3.6 μmol/J @ 230-240V AC
AC Input Power	1092W
AC Input Voltage	208-400V AC, 50/60Hz
Beam Angle	90° × 120°
Optics	Patented Deep Penetration Ultra High Transmittance Lens
Auxiliary Light	Patented Light Pipe Multi Color 65k
Ioniser	Patented Negative Ions & Cold Plasma
Ozone	Non Detectable <0.05PPM

Proximity sensor	Doppler Radar
Minimum Mounting Height Above Canopy	70 cm / 28"
Thermal Management	Passive
Max. Ambient Temperature	35°C / 95°F
Control	By Smart Remote, 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)	< 20%
Lifetime L90	> 50,000h
IP Rating	IP65
Certifications	CE, UL 8800, UL 1598 Wet Location, DLC
Weight	20.8 kg / 45.8 lbs
Warranty	5 Year Standard

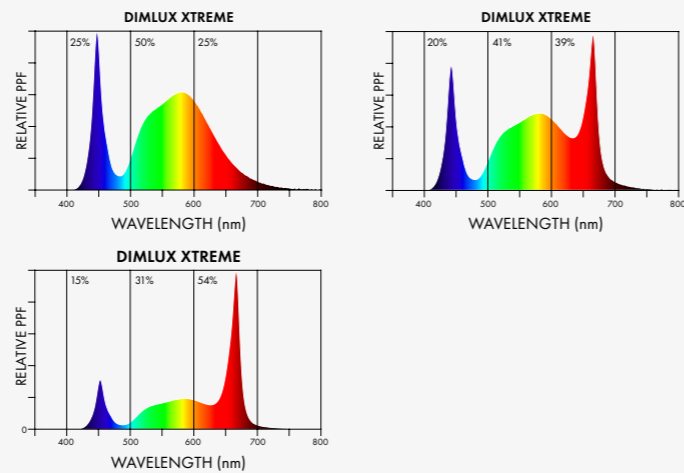
TOP VIEW



SIDE VIEW



SPECTRUM



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XTREME SERIES 1050W LED +NIR MKII ION

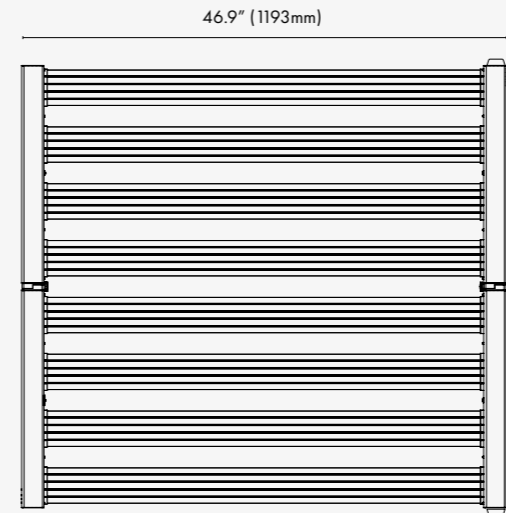


SPECIFICATIONS

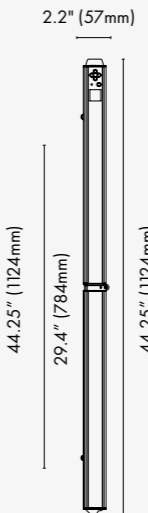
Light Source	1050W LED
Spectrum	Adjustable PhytoVegSpec® Indoor +NIR
Light Output (PPF)	3604 μmol/s
Light Output Total (PPF 350-800nm)	3822 μmol/s
PAR Photon Efficacy (400-700nm)	3.3 μmol/J @ 230-240V AC
Total Photon Efficacy (350-800nm)	3.5 μmol/J @ 230-240V AC
AC Input Power	1092W
AC Input Voltage	208-400V AC, 50/60Hz
Beam Angle	90° × 120°
Optics	Patented Deep Penetration Ultra High Transmittance Lens
Auxiliary Light	Patented Light Pipe Multi Color 65k
Ioniser	Patented Negative Ions & Cold Plasma
Ozone	Non Detectable <0.05PPM

Proximity sensor	Doppler Radar
Minimum Mounting Height Above Canopy	70 cm / 28"
Thermal Management	Passive
Max. Ambient Temperature	35°C / 95°F
Control	By Smart Remote, 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)	< 20%
Lifetime L90	> 50,000h
IP Rating	IP65
Certifications	CE, UL 8800, UL 1598 Wet Location, DLC
Weight	20.8 kg / 45.8 lbs
Warranty	5 Year Standard

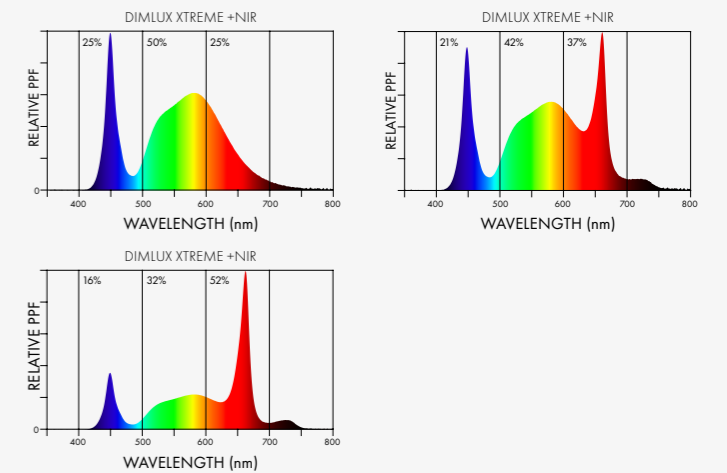
TOP VIEW



SIDE VIEW



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Designed and engineered in the Netherlands
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