

Light Science
Technologies

nurturGRO 

Medicinal CEA Horticulture LED Luminaire Systems

Grow more with less

Our patent-pending, sustainable luminaire combines interchangeable LEDs, power and technology to help reduce costs and generate maximum yields over 25 years

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Medicinal CEA Horticulture LED Luminaire Systems

Designed for use in Controlled Environment Agriculture (CEA), the nurturGROW Medicinal range can be used in a wide variety of applications and is ideal for the controlled cultivation of all clinical and holistic plants for medicinal use.

Superior quality light using high performance LED luminaires can expedite the growth cycle and benefits from high light intensities. In the case of Cannabis Sativa this result in plants that produce higher $\Delta 9$ -tetrahydrocannabinol (THC), cannabidiol (CBD) and other secondary metabolites.



To Help You Grow More With Less



Modular, reusable design



Turnkey system delivery



Optimised load efficiency



Variable fitting lengths



Bespoke integration



Recyclable



Extended warranty (optional)



Fully serviced (optional)



Interchangeable components



Remote driver

High Powered Linear	Dimensions (mm)	Input Voltage	Nominal Power (W)	Nominal PPF ($\mu\text{mol/s}$)	Nominal Efficiency ($\mu\text{mol/j}$) or (PPF/W)	Mounting Height (mm)
	808	230Vac / 54Vdc	30.00	75.00	2.50	1500 +
	1465	230Vac / 54Vdc	54.00	150.00	2.80	1500 +
Eco - Grow	2122	230Vac / 54Vdc	75.00	219.00	2.90	1500 +
	2780	230Vac / 54Vdc	99.00	288.00	2.90	1500 +
	808	230Vac / 54Vdc	27.00	75.00	2.80	1500 +
	1465	230Vac / 54Vdc	48.00	150.00	3.10	1500 +
Pro - Grow	2122	230Vac / 54Vdc	66.00	219.00	3.30	1500 +
	2780	230Vac / 54Vdc	87.00	288.00	3.30	1500 +
Array	Dimensions (mm)	Input Voltage	Nominal Power (W)	Nominal PPF ($\mu\text{mol/s}$)	Nominal Efficiency ($\mu\text{mol/j}$) or (PPF/W)	Mounting Height (mm)
	808	230Vac / 54Vdc	104.00	300.00	2.76	600 +
	1465	230Vac / 54Vdc	183.00	570.00	3.11	600 +
Eco - Grow Medium powered	2122	230Vac / 54Vdc	262.00	855.00	3.25	600 +
	2780	230Vac / 54Vdc	345.00	1140.00	3.33	600 +
	808	230Vac / 54Vdc	155.00	430.00	2.76	1500 +
	1465	230Vac / 54Vdc	275.00	855.00	3.11	1500 +
Pro - Grow Medium powered	2122	230Vac / 54Vdc	394.00	1285.00	3.25	1500 +
	2780	230Vac / 54Vdc	583.00	1716.00	3.33	1500 +

Installation Options

Suspended | Rail mounted | Array assembly

Power Supply

Our high powered medicinal luminaire and HPS replacement array systems are powered by a selection of highly efficient IP67 drivers which allows up to 6 luminaires to be powered from just a single driver as standard resulting in reduced infrastructure and capex.

Certifications

IP Rating IP67

For more information

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