



Vertical Farming Lighting

**LED luminaire system
for vertical controlled
environment agriculture**

Grow more with less

Innovative luminaire lighting systems
which help reduce costs and maximise
yields from vertical farming



Vertical Farming Lighting |

LED luminaires

Our nurturGROW Vertical Farm range can be used in a variety of multi-layer growth applications.

Used in a climate-controlled growing facility - such as a vertical farm or research centre - the slim design optimises space and efficiency.

The system is particularly effective and proven in the cultivation of leafy greens, micro-greens, herbs, violas and other small flowers



To help you grow more with less



Modular, reusable design



Turnkey system delivery



Optimised load efficiency



More growing space



Bespoke integration



Recyclable



Extended warranty (optional)



Fully serviced (optional)



Interchangeable components



Remote driver

Low Powered Linear

	Dimensions (mm)	Input Voltage	Nominal Power (W)	Nominal PPF (umol/s)	Nominal Efficiency (umol/j) or (PPF/W)	Mounting Height (mm)
Eco - Grow Low powered	808	110-470Vdc	15	45	3.0	300-600
	1465	110-470Vdc	30	90	3.0	300-600
	2122	110-470Vdc	45	135	3.0	300-600
	2780	110-470Vdc	60	180	3.0	300-600
	808	110-470Vdc	13	45	3.4	300-600
Pro - Grow Low powered	1465	110-470Vdc	26	90	3.4	300-600
	2122	110-470Vdc	39	135	3.4	300-600
	2780	110-470Vdc	52	180	3.4	300-600

Medium Powered Linear

	Dimensions (mm)	Input Voltage	Nominal Power (W)	Nominal PPF (umol/s)	Nominal Efficiency (umol/j) or (PPF/W)	Mounting Height (mm)
Eco - Grow Medium powered	808	110-470Vdc	30	90	3.0	300-600
	1465	110-470Vdc	60	180	3.0	300-600
	2122	110-470Vdc	90	270	3.0	300-600
	2780	110-470Vdc	120	360	3.0	300-600
Pro - Grow Medium powered	808	110-470Vdc	26	90	3.4	300-600
	1465	110-470Vdc	52	180	3.4	300-600
	2122	110-470Vdc	78	270	3.4	300-600
	2780	110-470Vdc	164	360	3.4	300-600

Benefits of our Vertical Farming range

Installation

Suspended, rail mounted or array assembly. Bespoke options available on request.

Power Supply

Up to 6 luminaires can be powered by a single IP66 driver

Key Information

- 5-year warranty
- Q90 (median useful life) of 50,000 hours
- Suitable for -10 to + 40°C environments
- Nominal Power Factor of >0.95