

# Vertical Farming Lighting

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



## Grow more with less

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

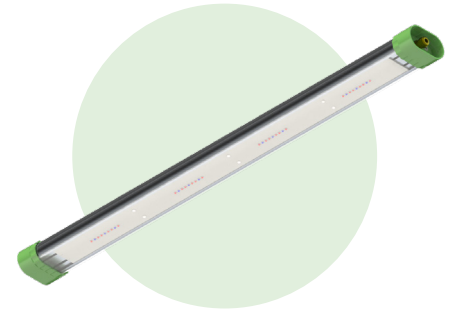
# Vertical Farming Lighting |

## 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)
<b>Eco - Grow</b> 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
<b>Pro - Grow</b> Low powered	808	110-470Vdc	13	45	3.4	300-600
	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)
<b>Eco - Grow Medium powered</b>	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
<b>Pro - Grow Medium powered</b>	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