

Light Science
Technologies

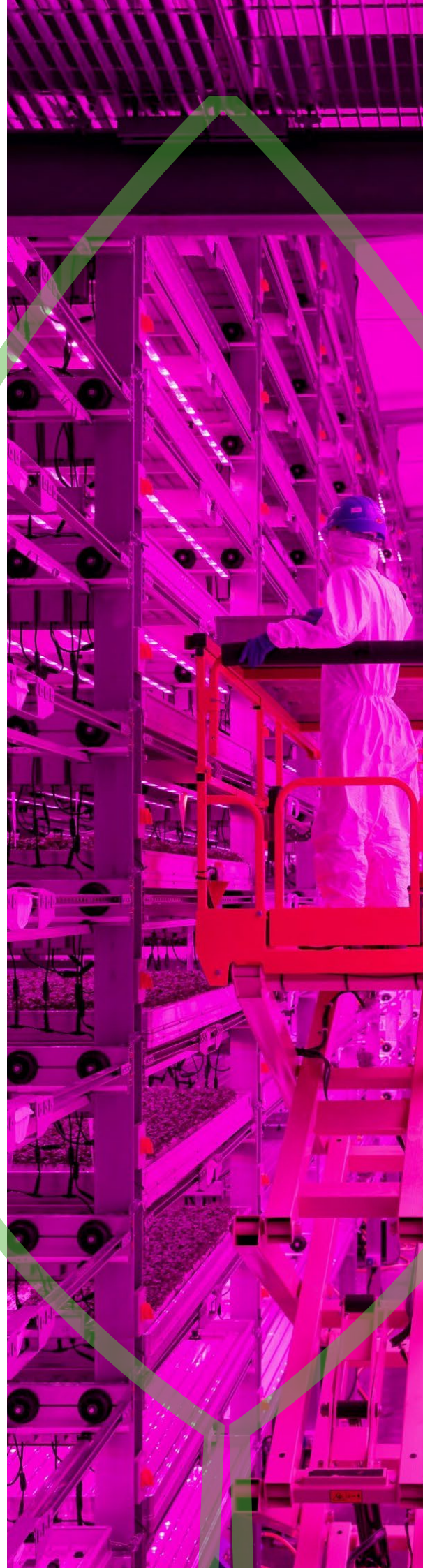
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Vertical Farm Horticulture LED Luminaire Range

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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Vertical Farm Horticulture LED Luminaire Range

Specifically for use in a closed, climate controlled growing facility such as a vertical/city farm or research centre, the slim LED Vertical Farm range can be used in a variety of multilayer growth applications. Providing optimal growing space, the range is ideal for 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

	Dimensions (mm)	Input Voltage	Nominal Power (W)	Nominal PPF (umol/s)	Nominal Efficiency (umol/j) or (PPF/W)	Mounting Height (mm)
Low powered linear	808	58Vdc	15.50	34.00	2.19	300-600
Eco - Grow Low powered	1465	58Vdc	30.00	68.00	2.27	300-600
	2122	58Vdc	44.00	102.00	2.32	300-600
	2780	58Vdc	57.50	135.00	2.35	300-600
	808	58Vdc	13.50	34.00	2.52	300-600
Pro - Grow Low powered	1465	58Vdc	26.00	68.00	2.62	300-600
	2122	58Vdc	38.00	102.00	2.68	300-600
	2780	58Vdc	50.00	135.00	2.70	300-600
	Medium powered linear	808	58Vdc	31.00	68.00	2.19
Eco - Grow Medium powered	1465	58Vdc	58.00	132.00	2.28	300-600
	2122	58Vdc	85.00	159.00	2.31	300-600
	2780	58Vdc	110.00	265.00	2.41	300-600
	808	58Vdc	27.00	68.00	2.52	300-600
Pro - Grow Medium powered	1465	58Vdc	50.00	132.00	2.64	300-600
	2122	58Vdc	75.00	159.00	2.65	300-600
	2780	58Vdc	95.00	265.00	2.79	300-600

Installation Options

Suspended | Rail mounted | Array assembly

Power Supply

Our Vertical Farm Luminaires is powered by highly efficient IP67 Drivers which allows us to connect multiple luminaires together resulting in reduced infrastructure costs. These drivers can also be sited remotely enabling reduced operational costs.

Key Information

Warranty: 5 years | L90: 50,000 hours | Operating Temperature: 0-40°C | Nominal Power Factor: >0.90 | IP Rating IP67

For more information

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