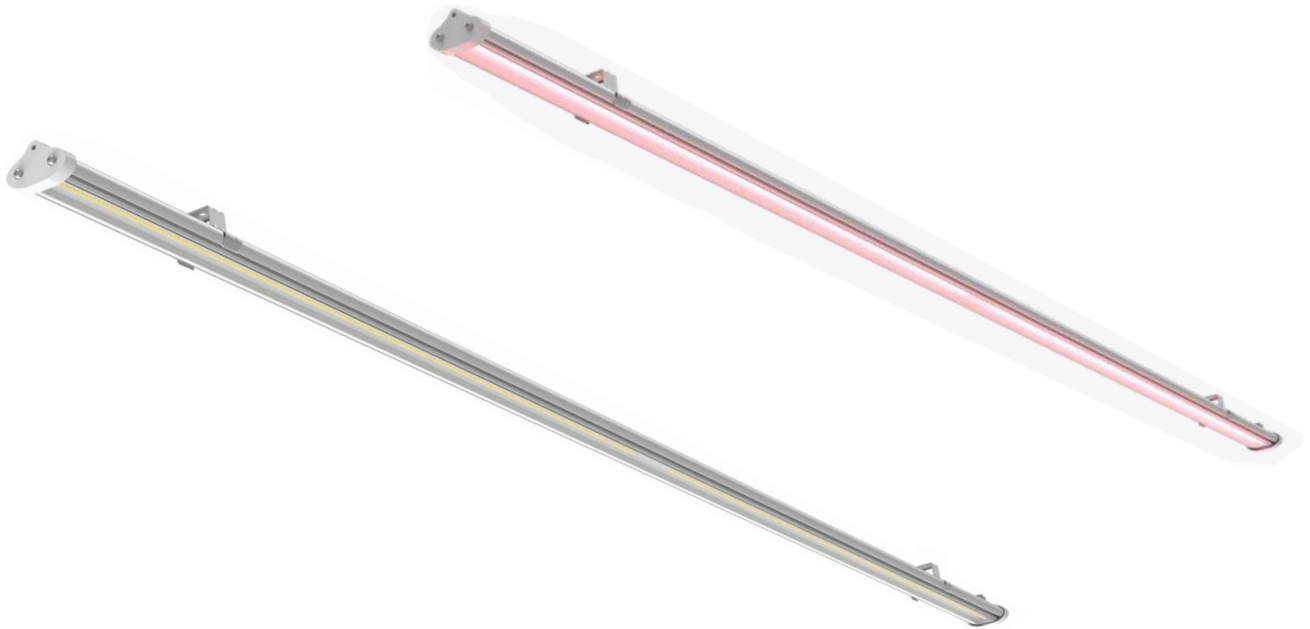


VL Series



Vertical Farming High-Efficiency LED Lighting

Designed for vertical farming, the VL Series is ideal for microgreens, tissue culture, and propagation, delivering uniform, high-quality light with low energy use and minimal heat

- Customizable spectrum adapt the light to your specific crop requirements.
- High efficacy up to $3.20 \mu\text{mol/J}$ for maximum energy savings.
- Low-profile, lightweight design perfect for multi-layer racks.

- Fully dimmable & IP65-rated for precise control in humid environments.
- Easy plug-and-play installation with custom sizes available
- Customizable lengths to fit any rack or growing system.

	VL 40	VL 75	VL 90
Spectrum	Sunlike / RF / HE/	Sunlike / RF / HE/	Sunlike / RF / HE/
Efficacy	1.65 / 2.3 / 3.2 $(\mu\text{mol/J})$	1.65 / 2.3 / 3.2 $(\mu\text{mol/J})$	1.65 / 2.3 / 3.2 $(\mu\text{mol/J})$
PAR Output	62 / 92 / 128 $(\mu\text{mol/s})$	116 / 172 / 240 $(\mu\text{mol/s})$	140 / 204 / 288 $(\mu\text{mol/s})$
Power	40 W	75 W	90 W
Voltage	120–277 V / 277–480 V AC	120–277 V / 277–480 V AC	120–277 V / 277–480 V AC
Dimensions	1116 x 55.8 x 35 (customizable)	1116 x 55.8 x 35 (customizable)	1116 x 55.8 x 35 (customizable)
Weight	0.6 kg	0.6 kg	0.6 kg
Beam Angle	120°	120°	120°
Dimming Control	0–10 V	0–10 V	0–10 V
IP Rating	IP65	IP65	IP65