

Innovative LED Grow Light

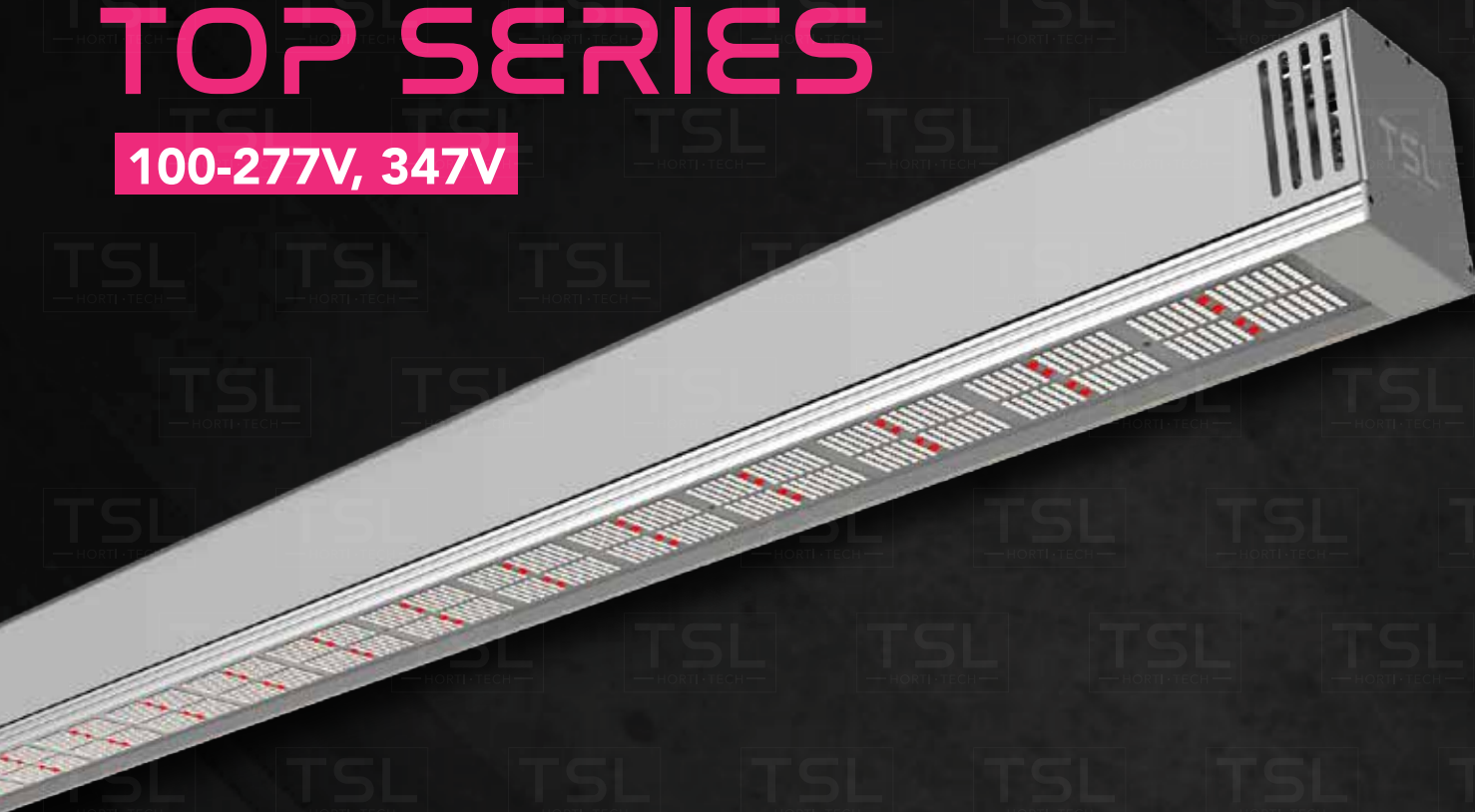


www.tslhortitech.com



TOP SERIES

100-277V, 347V



Description

Designed and manufactured for commercial horticulture, TSL Horti Tech TOP LED grow lights are formulated specifically for use as primary indoor lighting applications and supplemental greenhouse lighting. Pure growing power with light output up to 2700 umol/s and system efficacy up to 2.7 umol/J, TSL Horti Tech grow lights deliver optimum performance and energy savings. Available in 330W, 530W and 1000W models, our dynamic multiple horticultural spectral options empowers growers to achieve record garden potency and yields. ETL safety listed, water resistant and IP65 rated.

Features

- Fanless Design
- OSRAM LEDS LM-80, LM-79
- High Efficacy LED Grow Lights for Plant Factory
- Full Spectrum, R+B Spectrum, Customized Spectrum
- External Power Supply, 1-10V Dimming
- Ideal for indoor plant factory and greenhouse
- IP65 Waterproof
- Operating Temperature: -20°C to +45°C
- ETL, CE certification
- 3 Years Warranty

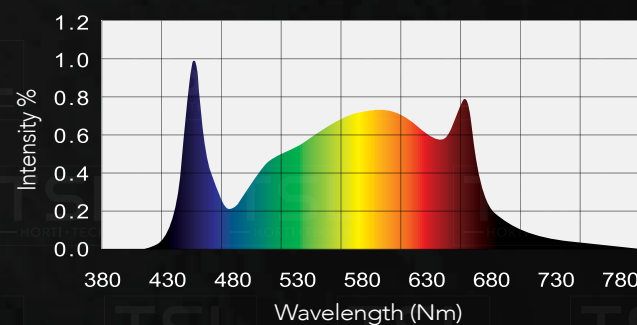


Specification

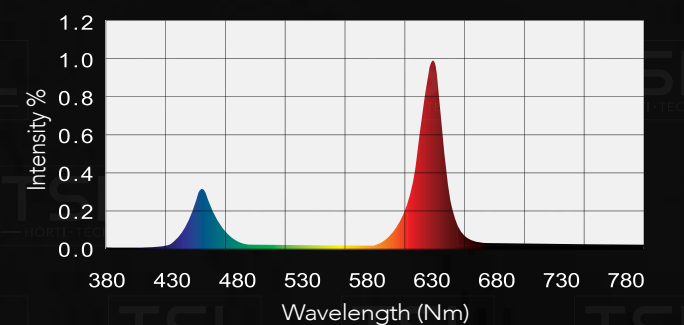
Power	Model No.	Spectrum	PPF	Efficacy	Dimension	Weight
330W	SH330A	FSG	825μmol/s	2.5μmol/J	39.3x4.7x7.3 inch 1000x120x185 mm	13 lbs 5.9 kg
330W	SH330A	RBSL	890μmol/s	2.7μmol/J	39.3x4.7x7.3 inch 1000x120x185 mm	13 lbs 5.9 kg
530W	SH530A	FSG	1325μmol/s	2.5μmol/J	47.2x4.7x7.3 inch 1199x120x185 mm	19.4 lbs 8.8 kg
530W	SH530A	RBSL	1430μmol/s	2.7μmol/J	47.2x4.7x7.3 inch 1000x120x185 mm	19.4 lbs 8.8 kg
1000W	SH1000A	FSG	2500μmol/s	2.5μmol/J	47.2x7.9x7.3 inch 1199x200x185 mm	31.3 lbs 14.2 kg
1000W	SH1000A	RBSL	2700μmol/s	2.7μmol/J	47.2x7.9x7.3 inch 1199x200x185 mm	31.3 lbs 14.2 kg

Spectrum Options

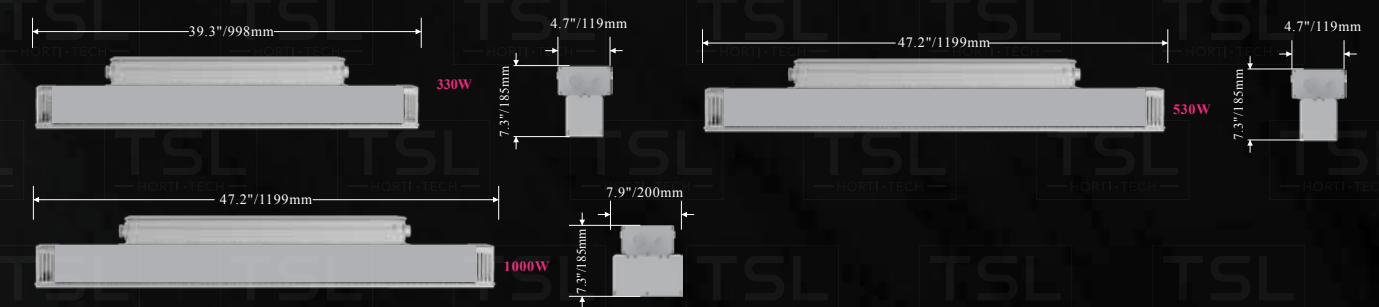
Full Spectrum



R+B Spectrum



Dimension



Installation



BAR SERIES

100-277V, 347V



Description

TSL Horti Tech BAR grow lights are designed for commercial producers and private growers where diversification within their growing environments is essential. Ideal for multiple applications like side-canopy supplemental lighting, greenhouse lighting, primary or supplemental indoor lighting. Low profile to fit in reduced spaces between the diodes and plant canopies, the Bar Series is perfect for research and multiple growing stations set for clones, starter seedling beds on vertical farm shelving, and specialized growing compartments reserved for smaller plants. Maximized efficiency without sacrificing spectral quality. Available in 3 lengths and multiple spectral options in 50, 85 and 130 watt power sizes and include these exciting growing features to give young plants the optimum start they need.

Features

- Fanless Design
- OSRAM LEDES LM-80, LM-79
- High Efficacy LED Grow Lights for Plant Factory
- Full Spectrum, R+B Spectrum, Customized Spectrum
- External Power Supply, 1-10V Dimming
- Ideal for indoor plant factory and greenhouse
- IP65 Waterproof
- Operating Temperature: -20°C to +45°C
- ETL, CE certification
- 3 Years Warranty

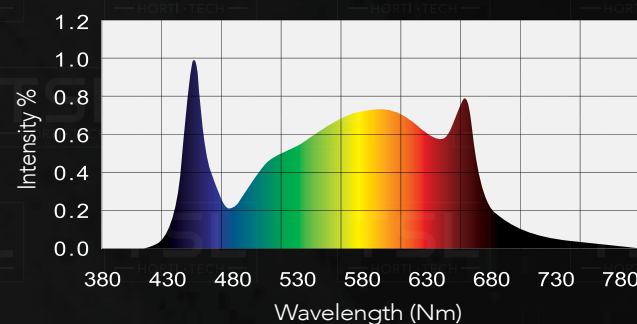


Specification

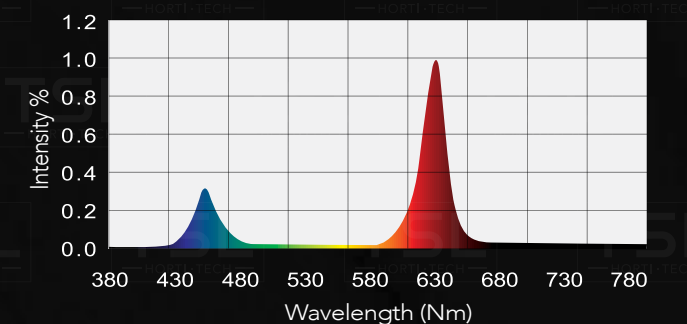
Power	Model No.	Spectrum	PPF	Efficacy	Dimension	Weight
50W	MO50A06RB1V1	RBSL	135µmol/s	2.7µmol/J	24x3x1.5 inch 604x65x37 mm	2.9 lbs 1.3 kg
85W	MO85A10RB1V1	RBSL	230µmol/s	2.7µmol/J	39.5x3x1.5 inch 1004x65x37 mm	4.0 lbs 1.8 kg
85W	FL85A10RB1V1	RBSL	230µmol/s	2.7µmol/J	63x3x1.5 inch 1604x65x37 mm	3.3 lbs 1.5 kg
130W	MO130A16RB1V1	RBSL	350µmol/s	2.7µmol/J	39.5x45x5 inch 1071x84x120 mm	5.5 lbs 2.5 kg

Spectrum Options

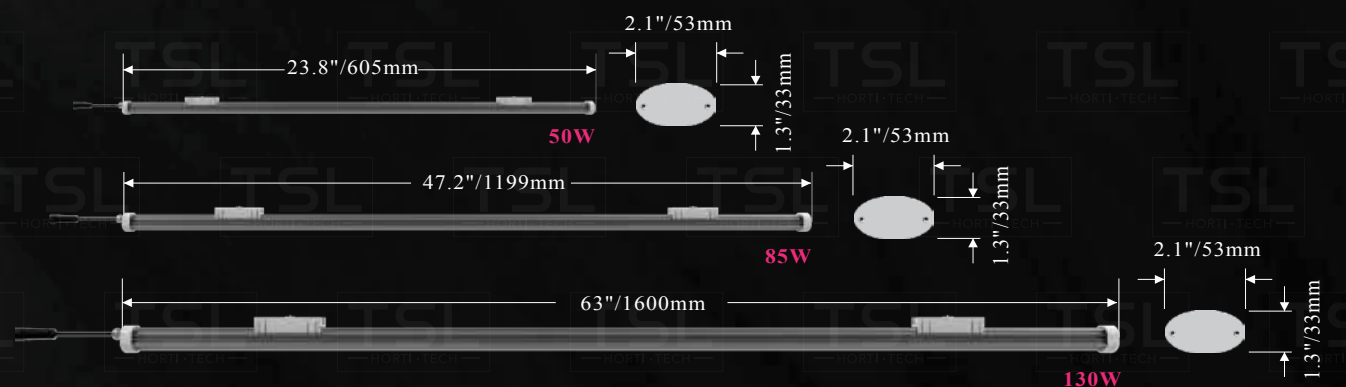
Full Spectrum



R+B Spectrum



Dimension



Installation



VFS SERIES

100-277V, 347V

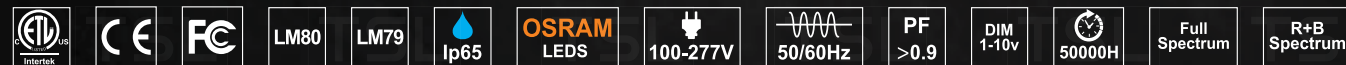


Description

TSL Horti Tech VFS grow lights allow growers to expand gardens even in tight spaces. Grow light arrays achieve higher yields with maximum quality. Each main mount accommodates 4 to 12 BAR light arrays. Designed especially for indoor applications requiring high PPF levels with limited ceiling heights. Performance and energy efficiency without sacrificing spectral power combine perfectly for vertically integrated racking with double or triple decks. Modular designed for flexibility in number of BAR lights to fit row widths. Dynamic spectral options ensure precise photosynthetic photon flux density for optimized delivery and include these growing features.

Features

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- Full Spectrum, R+B Spectrum, Customized Spectrum
- External Power Supply, 1-10V Dimming
- Ideal for indoor plant factory and greenhouse
- IP65 Waterproof
- Operating Temperature: -20°C to +45°C
- ETL, CE certification
- 3 Years Warranty

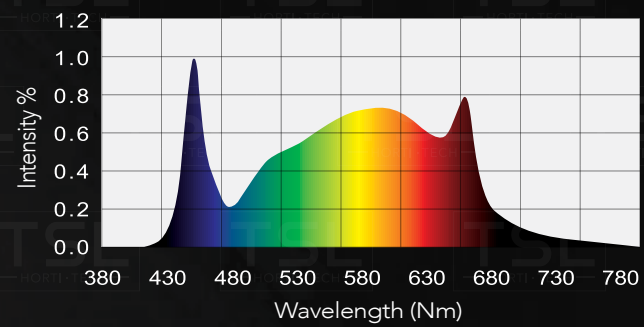


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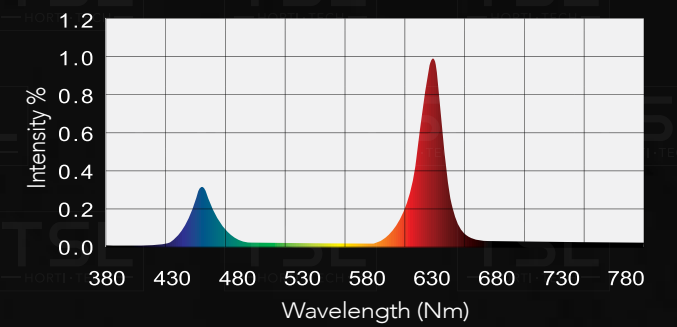
Power	Model No.	Spectrum	PPF	Efficacy	Dimension	Weight
330W	ST330A10F1V1	FSG	760 μ mol/s	2.3 μ mol/J	39.5x44x5 inch 1004x1125x134.5 mm	22 lbs 10 kg
330W	ST330A10RB1V1	RBSL	890 μ mol/s	2.7 μ mol/J	39.5x44x5 inch 1004x1125x134.5 mm	22 lbs 10 kg
670W	OC650A10F1V1	FSG	1500 μ mol/s	2.3 μ mol/J	39.5x45x5 inch 1004x1140x134.5 mm	33 lbs 15 kg
670W	OC650A10RB1V1	RBSL	1755 μ mol/s	2.7 μ mol/J	39.5x45x5 inch 1004x1140x134.5 mm	33 lbs 15 kg

Spectrum Options

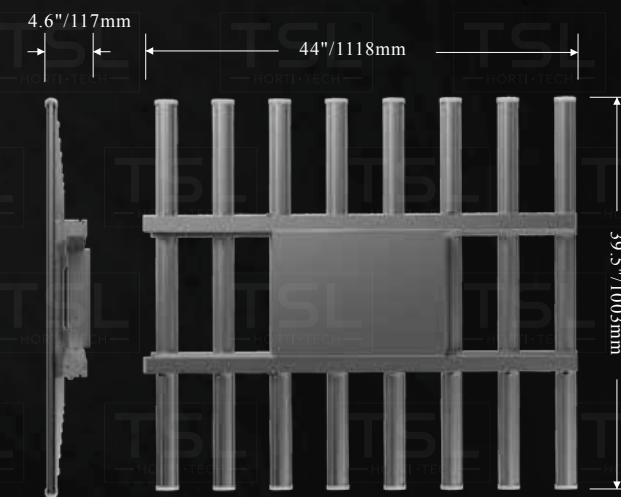
Full Spectrum



R+B Spectrum



Dimension



Installation



PFS SERIES

100-277V, 347V



Description

Horti Tech PFS grow lights ultra-low profile at only 1.5 inches thin, are especially created for dense vertical commercial farming where every inch of your indoor cultivation matters. Achieve 60% energy savings over 5 years. Stack layers from floor to ceiling of leafy greens, micro-greens, and culinary herbs with maximum efficiency at near-ZERO radiant heat with outputs as high as 2.7 $\mu\text{mol}/\text{J}$. Ideal for propagation of vegetable and ornamental crops including cloning/seedling beds with the lowest photosynthetic photon flux density. Offers a perfect replacement for bulky traditional T5 fluorescent lamps. Ultra-lite design is stress-free in weight increasing harvest space for higher, quality yields for a positive impact on your bottom line.

Features

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- Ideal for indoor plant factory and greenhouse
- IP65 Waterproof
- Operating Temperature: -20°C to $+45^{\circ}\text{C}$
- ETL, CE certification
- 3 Years Warranty

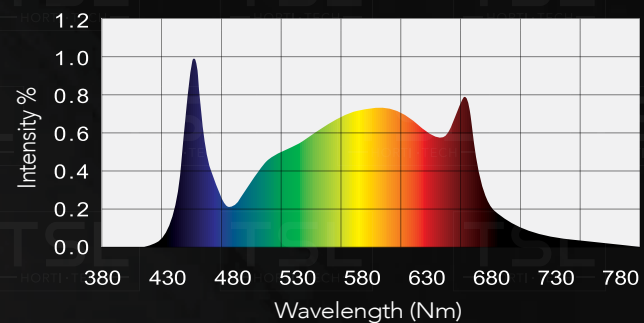


Specification

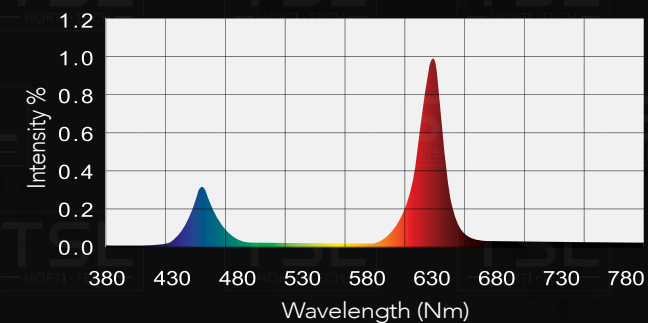
Power	Model No.	Spectrum	PPF	Efficacy	Dimension	Weight
40W	ST40A	FSG	92 $\mu\text{mol}/\text{s}$	2.3 $\mu\text{mol}/\text{J}$	47.2x5.1x1.5 inch 1199x130x38 mm	2.2 lbs 1.0 kg
40W	ST40A	RBSL	100 $\mu\text{mol}/\text{s}$	2.7 $\mu\text{mol}/\text{J}$	47.2x5.1x1.5 inch 1199x130x38 mm	2.2 lbs 1.0 kg

Spectrum Options

Full Spectrum



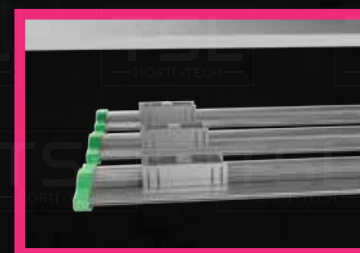
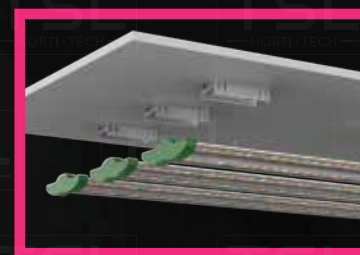
R+B Spectrum



Dimension



Installation



T5/T8 SERIES

100-277V, 347V



Features

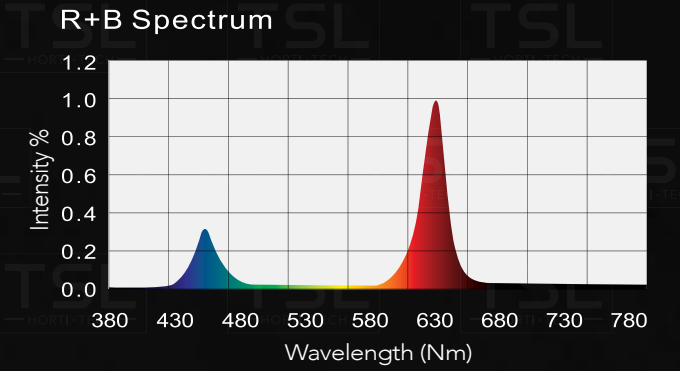
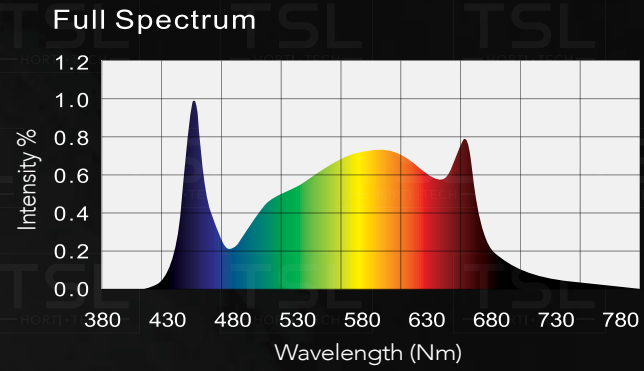
- Fanless Design
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Specification

Power	Model No.	Spectrum	PPF	Dimension	Weight
T5-24W	T5FS1V1	FSG	40	0.6x0.6x47 inch 16x16x1200 mm	2.2 lbs 1 kg
T5-24W	T5RB1V1	RBSL	37	0.6x0.6x47 inch 16x16x1200 mm	2.2 lbs 1 kg
T8-22W	T8FS1V1	FSG	35	1x1x47 inch 26x26x1200 mm	2.2 lbs 1 kg
T8-22W	T8RB1V1	RBSL	32	1x1x47 inch 26x26x1200 mm	2.2 lbs 1 kg

Spectrum Options



Dimension



Installation



INTERLIGHTING SERIES

100-277V, 347V



Description

TSL Horti Tech Inter grow lights are extremely popular in commercial greenhouse and indoor tomato and strawberry gardens. Uniformly delivers up to 125 $\mu\text{mol}/\text{m}^2\cdot\text{s}$ of light, while delivering system efficacies as high as 2.63 $\mu\text{mol}/\text{J}$. Offers maximum versatility for booster, supplemental and side lighting to bring out your best quality in lower canopy yields. Lowest radiant heat levels in the industry for optimal performance and energy savings. Available in multiple dimension, power and spectral options with these precision growing features for controlled lumens distribution.

Features

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- External Power Supply, 1-10V Dimming
- Ideal for indoor plant factory and greenhouse
- IP65 Waterproof
- Operating Temperature: -20°C to $+45^{\circ}\text{C}$
- ETL, CE certification
- 3 Years Warranty

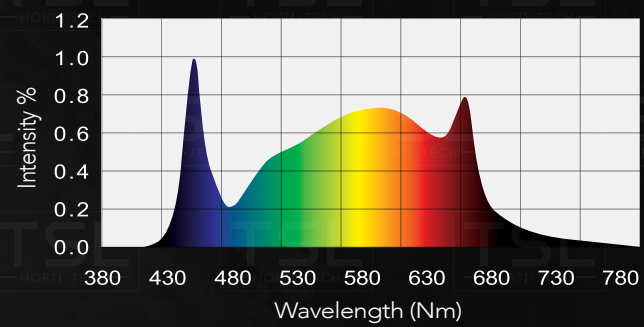


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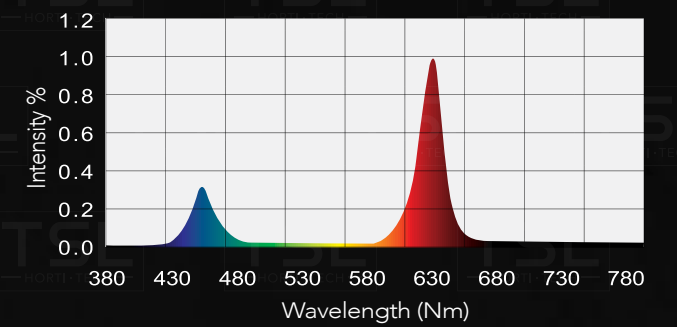
Power	Model No.	Spectrum	PPF	Efficacy	Dimension	Weight
125W	SE125A	FSG	288 $\mu\text{mol}/\text{s}$	2.3 $\mu\text{mol}/\text{J}$	56x3.3x5.7 inch 1423x83x144 mm	6.2 lbs 2.8 kg
125W	SE125A	FSG	312 $\mu\text{mol}/\text{s}$	2.5 $\mu\text{mol}/\text{J}$	56x3.3x5.7 inch 1423x83x144 mm	6.2 lbs 2.8 kg
125W	SE125A	RBSL	262 $\mu\text{mol}/\text{s}$	2.1 $\mu\text{mol}/\text{J}$	56x3.3x5.7 inch 1423x83x144 mm	6.2 lbs 2.8 kg
125W	SE125A	RBSL	337 $\mu\text{mol}/\text{s}$	2.7 $\mu\text{mol}/\text{J}$	56x3.3x5.7 inch 1423x83x144 mm	6.2 lbs 2.8 kg

Spectrum Options

Full Spectrum



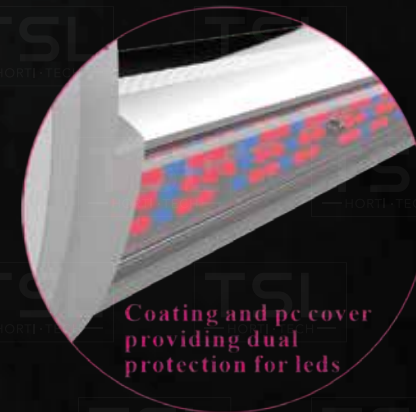
R+B Spectrum



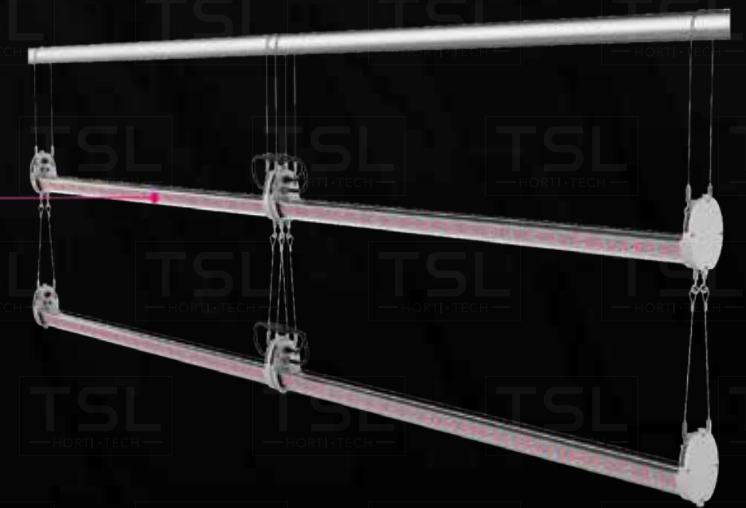
Dimension

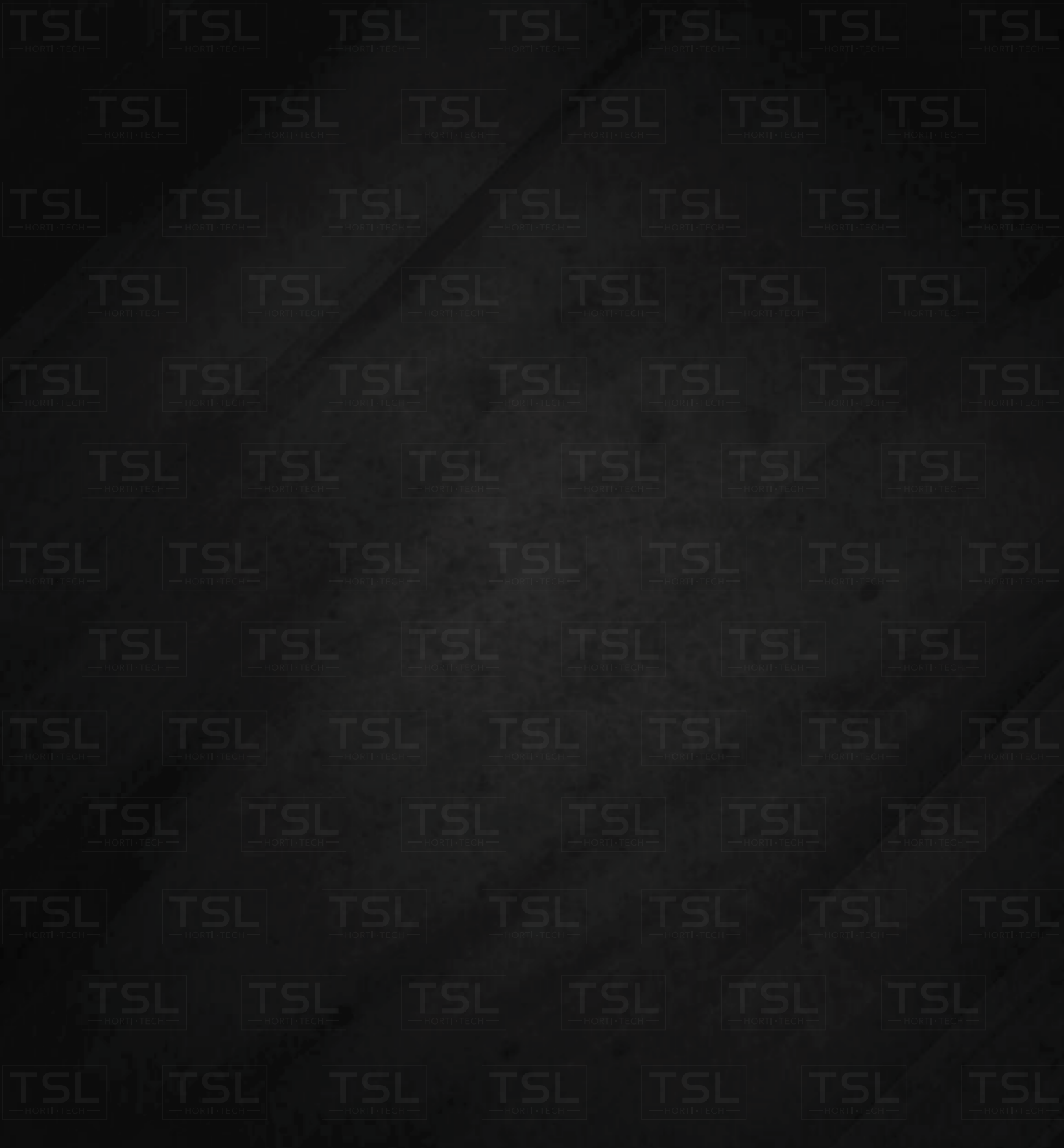


Installation



Coating and pc cover providing dual protection for leds





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