

## 8006 SERIES



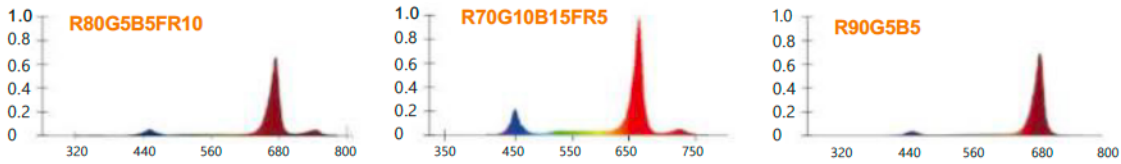
1000W & 1200W



- Directly replaces HPS lamps without changing cables
- Smaller Construction than other fixtures on the market
- Innovative design improves heat dissipation
- Dynamic spectrum control for optimized growth of the crops
- 140+ degree beam angle provides uniform illumination
- Easy to clean and maintain

Part Numbers	ZL-8006-600W-SH			ZL-8006X-1000W-SH		
Spectrum Item	R80G5B5FR10	R70G10B15FR5	R90G5B5	R80G5B5FR10	R70G10B15FR5	R90G5B5
Wattage	<b>600W</b>			<b>1000W</b>		
PPF (400-800nm)	1800-2600 μmol/s			3000-4000 μmol/s		
PPE (400-800nm)	0.3-4.0 μmol/j			0.3-4.0 μmol/j		
Input Voltage	200-480VAC					
PF	> 0.98					
Beam Angle	120° or 140°					
Dimming	0-10V/RS485 Dimming					
Operating Temp	-10° to 40°C; 14° to 104°F					
Driver Location	Built-in Driver					
Listed	CE and ETL compliant					
Rated	IP65					
Net Weight	17.6 lbs			28.7 lbs		
Dimensions	L 22.09" x W 11.82" x H 6.23"			L 25.67" x W 13.39" x H 6.62"		

### SPECTRUMS:



Cucumbers



Tomatoes



Strawberries

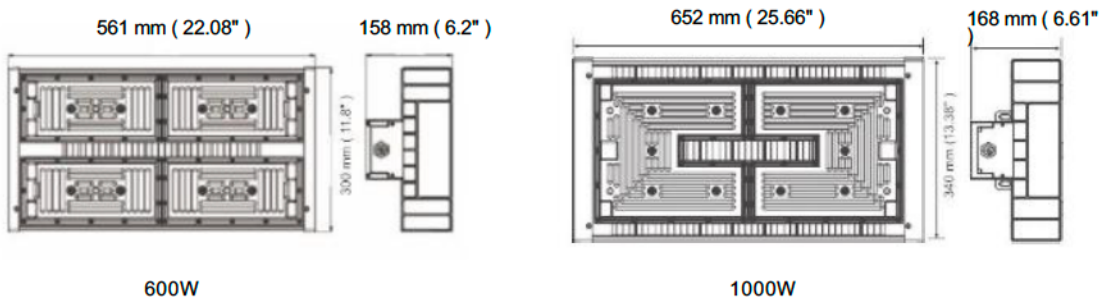


Roses



Leafy Greens

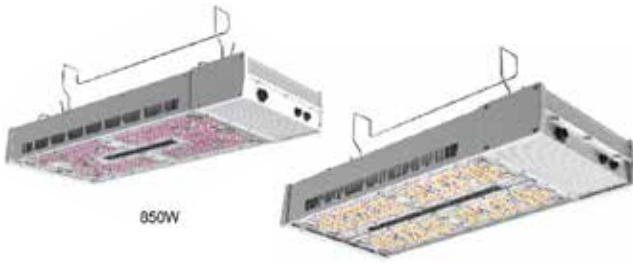
### DIMENSIONS:



600W

1000W

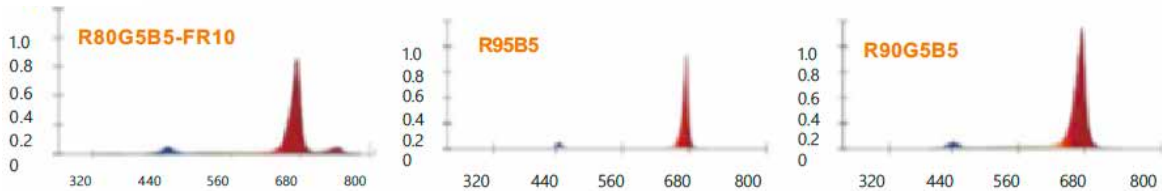
## 8002 SERIES



- Cost-effective and high-efficiency single-spectrum design with a compact size.
- Quick plug connection featuring excellent waterproofing and effortless installation.
- Wireless system control, compatible with climate computers and light conditioning controllers.
- Dynamic spectrum control optimized for enhanced crop growth.
- 150-degree beam angle ensures uniform illumination, leading the industry in large-angle coverage and achieving maximum coverage with fewer fixtures, maximizing economic efficiency.
- Easy to clean and maintain.

Part Numbers	ZL-8002-800W-SH			ZL-8002-1020W-SH		
	R70	R80	R90	R70	R80	R90
Spectrum Item						
Wattage	825W			1020W		
PPF (400-800nm)	2635-3230 $\mu\text{mol/s}$			3162-3876 $\mu\text{mol/s}$		
PPE (400-800nm)	3.1-3.8 $\mu\text{mol/j}$			3.1-3.8 $\mu\text{mol/j}$		
Input Voltage	200-480VAC					
PF	> 0.98					
Beam Angle	150°					
Dimming	0-10V/RS485 Dimming					
Operating Temp	-10° to 40°C; 14° to 104°F					
Driver Location	Built-in Driver					
Listed	CE and ETL compliant					
Rated	IP65					
Net Weight	22.05 lbs					
Dimensions	L 21.07" x W 13.43" x H 7.72"					
Warranty	5 year					

### SPECTRUMS:



Cucumbers



Tomatoes



Strawberries



Roses



Leafy Greens



Cannabis



Leafy Greens



Hops

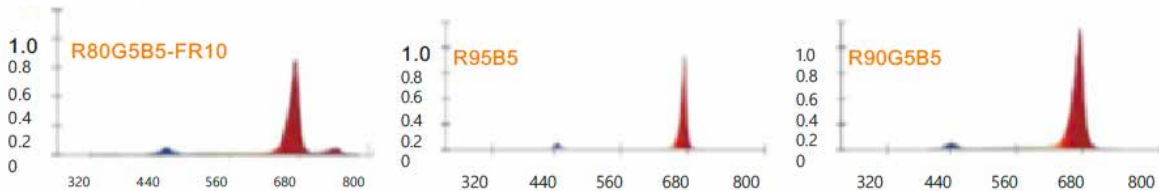
## 3985 SERIES



- Cost-effective and highly efficient single-spectrum design in a compact size
- Quick plug connection with excellent waterproof performance for easy installation
- Wireless system control, compatible with climate computers or light conditioning controllers
- Dynamic spectrum control to optimize crop growth
- 130-degree beam angle ensures uniform illumination, leading in large-angle coverage and uniform light distribution, achieving maximum coverage with fewer lamps for enhanced economic benefits
- Easy to clean and maintain

Part Numbers	ZL-3985-680W-SH	ZL-3985-800W-SH	ZL-3985-1000W-SH
Spectrum Item	R70	R80	R90
Wattage	680W, 800W		1000W
PPF (400-800nm)	2635-3230 $\mu\text{mol/s}$		3162-3876 $\mu\text{mol/s}$
PPE (400-800nm)	3.1-3.8 $\mu\text{mol/j}$		3.1-3.8 $\mu\text{mol/j}$
Input Voltage	200-480VAC		
PF	> 0.98		
Beam Angle	150°		
Dimming	0-10V/RS485 Dimming		
Operating Temp	-10° to 40°C; 14° to 104°F		
Driver Location	Built-in Driver		
Listed	CE and ETL compliant		
Rated	IP65		
Net Weight	22.05 lbs		
Dimensions	L 21.07" x W 13.43" x H 7.72"		
Warranty	5 year		

### SPECTRUMS:



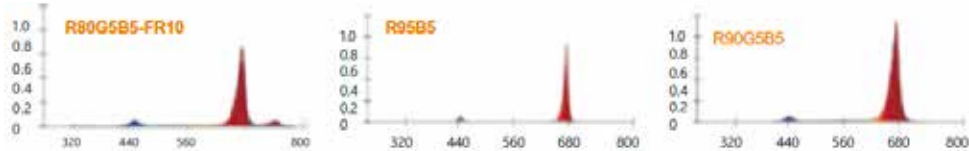
## 3956-S SERIES



- Cost-effective and high-efficiency single-spectrum design with a compact size.
- Quick plug connection featuring excellent waterproof performance and easy installation.
- Wireless system control, compatible with climate computers or light conditioning controllers.
- Dynamic spectrum control optimized for enhanced crop growth.
- 150-degree beam angle ensures uniform illumination, leading in wide-angle coverage and achieving maximum coverage with fewer fixtures, maximizing economic benefits.
- Easy to clean and maintain for long-term usability.

Part Numbers	ZL-3956-S-850W-SH			ZL-3956-S-1020W-SH		
Spectrum Item	R70	R80	R90	R70	R80	R90
Wattage	850W			1020W		
PPF (400-800nm)	2635-3230 μmol/s			3162-3876 μmol/s		
PPE (400-800nm)	3.1-3.8 μmol/j			3.1-3.8 μmol/j		
Input Voltage	200-480VAC					
PF	> 0.98					
Beam Angle	150°					
Dimming	0-10V/RS485 Dimming					
Operating Temp	-10° to 40°C; 14° to 104°F					
Driver Location	Built-in Driver					
Listed	CE and ETL compliant					
Rated	IP65					
Net Weight	22.05 lbs					
Dimensions	L 21.07" x W 13.43" x H 7.72"					
Warranty	5 year					

### SPECTRUMS:



Cucumbers



Tomatoes



Strawberries

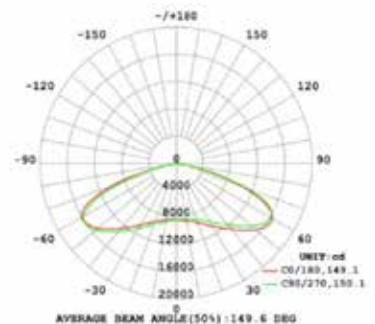
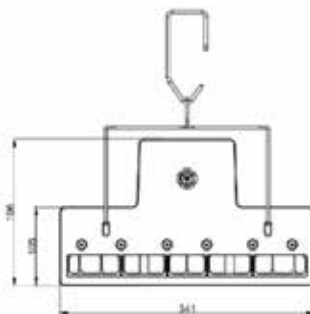
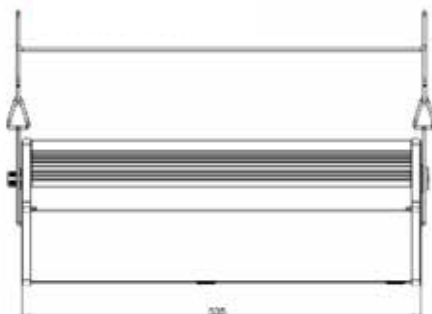


Roses

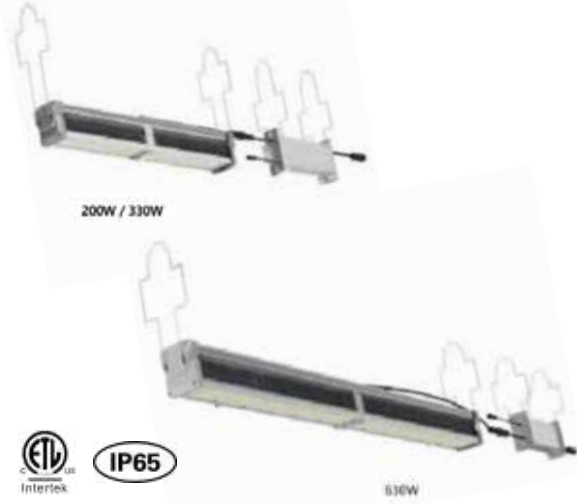


Leafy Greens

### DIMENSIONS:



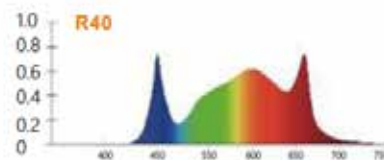
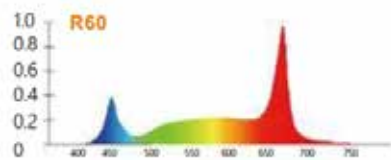
## 3975 SERIES



- Ideal greenhouse supplemental lighting
- Reduces energy consumption by 40% compared to HPS lamps
- Linear design minimizes shadows on plants
- Customizable light spectrums tailored for different plant types
- Advanced thermal management ensures optimal heat dissipation and extends fixture lifespan

Part Numbers	ZL-3975-200W-SH		ZL-3975-330W-SH		ZL-3975-630W-SH	
Spectrum Item	R60	R40	R60	R40	R60	R40
Wattage	200W		330W		630W	
PPF (400-800nm)	560-620 $\mu\text{mol}/\text{j}$	560 $\mu\text{mol}/\text{j}$	924-1023 $\mu\text{mol}/\text{j}$	858 $\mu\text{mol}/\text{j}$	1764-1953 $\mu\text{mol}/\text{j}$	1638 $\mu\text{mol}/\text{j}$
PPE (400-800nm)	2.8-3.1 $\mu\text{mol}/\text{s}$	2.6 $\mu\text{mol}/\text{s}$	2.8-3.1 $\mu\text{mol}/\text{s}$	2.6 $\mu\text{mol}/\text{s}$	2.8-3.1 $\mu\text{mol}/\text{s}$	2.6 $\mu\text{mol}/\text{s}$
Input Voltage	120-277VAC / 277-480VAC					
PF	$\geq 0.95$					
Beam Angle	120°					
Dimming	0-10V Dimming					
Operating Temp	-10° to 40°C; 14° to 104°F					
Driver Location	External Driver					
Listed	CE and ETL compliant					
Rated	IP65					
Net Weight	10 lbs			17 lbs		
Dimensions	L 25" x W 3.15" x H 3.86"			L 43.31" x W 3.15" x H 3.86"		
Warranty	5 year					

### SPECTRUMS:



Cannabis



Leafy Greens



Hops



Tomatoes

### DIMENSIONS:



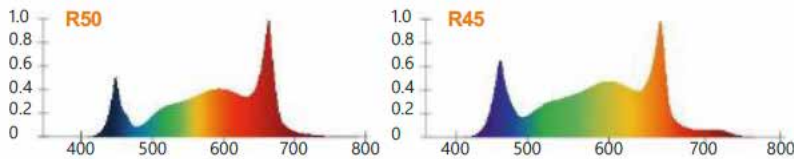
## 3947-B SERIES



- Perfect for supplemental lighting in greenhouses
- Consumes 40% less energy compared to HPS lamps
- Linear design minimizes shadows on plants
- Built-in driver ensures easy installation
- Advanced thermal management enhances heat dissipation and extends fixture lifespan

Part Numbers	ZL-3947-B-650W-SH		ZL-3947-B-800W-SH	
Spectrum Item	R50	R45	R50	R45
Wattage	650W		800W	
PPF (400-800nm)	1820 $\mu\text{mol/s}$	1820-1950 $\mu\text{mol/s}$	2240 $\mu\text{mol/s}$	2240-2400 $\mu\text{mol/s}$
PPE (400-800nm)	2.8 $\mu\text{mol/j}$	2.8-3.0 $\mu\text{mol/j}$	2.8 $\mu\text{mol/j}$	2.8-3.0 $\mu\text{mol/j}$
Input Voltage	120-277VAC / 277-480VAC			
PF	$\geq 0.95$			
Beam Angle	120°			
Dimming	0-10V Dimming			
Operating Temp	-10° to 40°C; 14° to 104°F			
Driver Location	Driver mounted on the light body			
Listed	CE and ETL compliant			
Rated	IP65			
Net Weight	13 lbs		14.52 lbs	
Dimensions	L 35.52" x W 6.03" x H 3.59"		L 45" x W 6.03" x H 3.59"	
Warranty	5 year			

### SPECTRUMS:



Cannabis



Cucumbers



Tomatoes

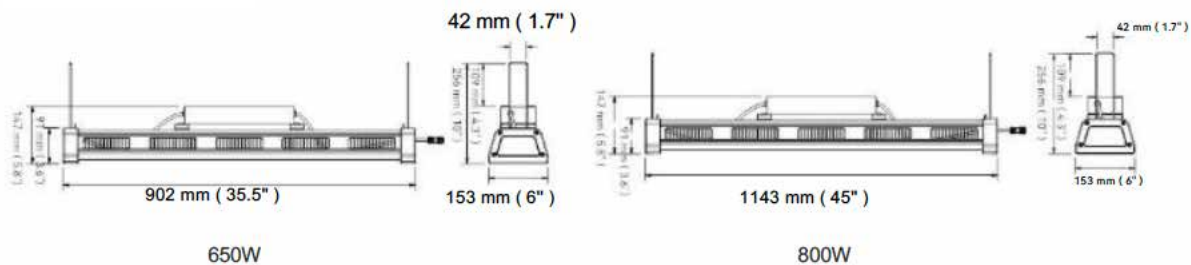


Strawberries



Leafy Greens

### DIMENSIONS:



# HORTICULTURAL LED LIGHTING

## 3953 SERIES

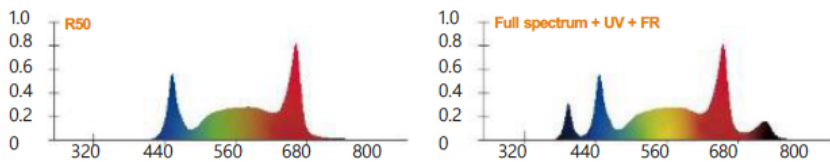


- Designed to support all growth stages of cannabis cultivation
- Ideal for single or multi-layer growing setups
- Features 0-10V dimming via dimmer knobs or a master controller
- 4-channel spectrum control enhances both quality and yield
- Plug-and-play design ensures quick and easy installation
- Four knobs (excluding 240W) allow adjustment of the intensity of CW, UV, BLUE, and FR to cater to the growth needs of cannabis. This functionality enables growers to control plant morphology, regulate flowering cycles, enhance yield, and improve both aroma and maturity.

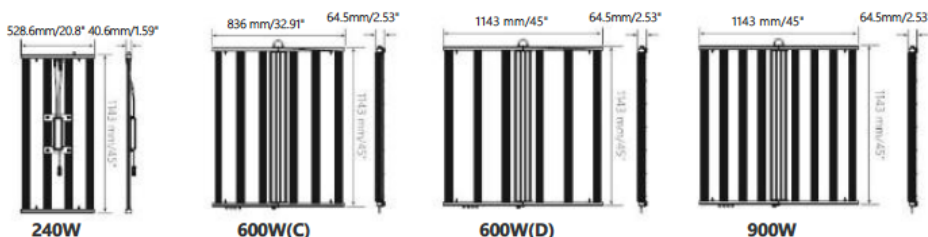


Part Numbers	ZL-3953-240W-SH	ZL-3953-C-600W-SH	
	ZL-3953-D-600W-SH	ZL-3953-B-900W-SH	
Spectrum Item	R50	Full Spectrum + UV + FR	Full Spectrum + UV + FR
Wattage	240W	600W	900W
PPF (400-800nm)	648 μmol/s	1680 μmol/s	2520 μmol/s
PPE (400-800nm)	2.7 μmol/j	2.8 μmol/j	2.8 μmol/j
Input Voltage	120-277VAC / 277-480VAC		
PF	> 0.95		
Beam Angle	120°		
Dimming	0-10V Dimming		
Operating Temp	-10° to 40°C; 14° to 104°F		
Driver Location	Built-in driver		
Listed	CE and ETL compliant		
Rated	IP65		
Net Weight	16.06 lbs	31.9 lbs	40.15 lbs
Dimensions	L 45" x W 20.82" x H 1.6"	L 45" x W 32.92" x H 2.54"	L 45" x W 45" x H 2.54"
Warranty	5 year		

### SPECTRUMS:



### DIMENSIONS:



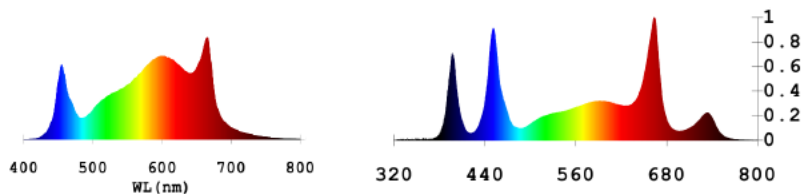
## 3953 1200 SERIES



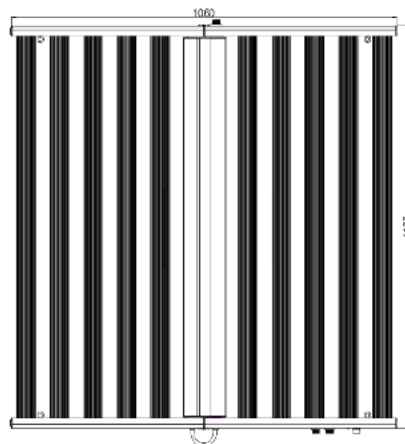
- **Full Spectrum R40** - Provides comprehensive control with a single 0-10V control line, ensuring easy operation. It helps reduce lamp costs while maximizing returns, making it ideal for large-scale factory-based cultivation.
- **Full Spectrum + UV + FR** - The advanced 4-channel control system, tailored for professional growers and DIY enthusiasts, delivers exceptional economic efficiency. It integrates seamlessly with our specialized screen, enabling precise spectral adjustments throughout each production cycle.

Part Numbers	ZL-3953-A-1200W-SH	ZL-3953-B-1200W-SH
Spectrum Item	Full Spectrum R40	Full Spectrum + UV + FR
Wattage	1200W	1200W
PPF (400-800nm)	3240 $\mu\text{mol/s}$	700 $\mu\text{mol/s}$
PPE (400-800nm)	2.7 $\mu\text{mol/j}$	2.8 $\mu\text{mol/j}$
Input Voltage	120-277VAC / 277-480VAC	
PF	> 0.9	
Beam Angle	Double-sided 120°	
Dimming	0-10V Dimming, Multi-channel for 485	
Operating Temp	-10° to 40°C; -14° to 104°F	
Driver Location	Built-in Driver	
Listed	CE and ETL compliant	
Rated	IP66	
Net Weight	22.05 lbs	
Dimensions	L 45" x W 45" x H 2.54"	
Warranty	5 year	

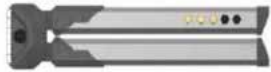
### SPECTRUMS:



### DIMENSIONS:



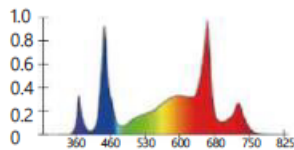
## 8001 SERIES



- Perfect for single or multi-layer grow spaces
- Features 0-10V dimming via dimmer knobs or master controller
- Durable industrial design with a robust structure
- Adjustable spectrums tailored for various growth stages
- Simple plug-and-play setup for effortless installation

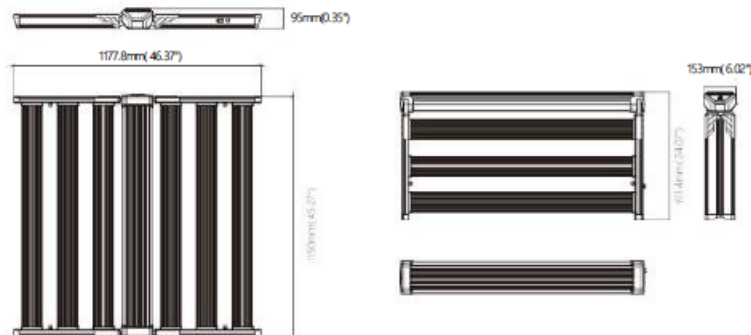
Part Numbers	ZL-8001-1500W-SH
Spectrum Item	Full Spectrum + UV + FR
Wattage	1500W
PPF (400-800nm)	4500 $\mu\text{mol/s}$
PPE (400-800nm)	3.0 $\mu\text{mol/j}$
Input Voltage	120-277VAC / 277-480VAC
PF	> 0.92 @230V
Beam Angle	120°
Dimming	0-10V Dimming
Operating Temp	-10° to 40°C; -14° to 104°F
Driver Location	Built-in Driver
Listed	CE and ETL compliant
Rated	IP65
Dimensions	L 46.38" x W 45.28" x H 3.75"
Warranty	5 year

### SPECTRUMS:



Cannabis

### DIMENSIONS:



1500W

## 8007 SERIES

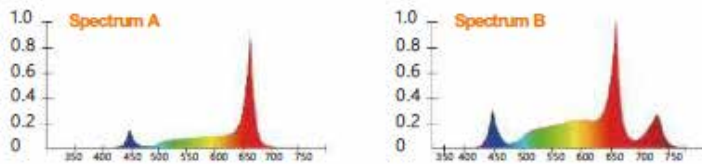


- Connect multiple fixtures in series for versatile use
- 160° beam angle ensures maximum light coverage
- Breather valve effectively prevents condensation
- Snap-on design allows quick and easy installation
- Innovative design enables rapid heat dissipation, ensuring optimal performance and stability



Part Numbers	ZL-8007-150W-SH		ZL-8007-200W-SH	
Spectrum Item	Spectrum A	Spectrum B	Spectrum A	Spectrum B
Wattage	150W		200W	
PPF (400-800nm)	450 µmol/j	435 µmol/j	600 µmol/j	580 µmol/j
PPE (400-800nm)	3.0 µmol/s	2.9 µmol/s	3.0 µmol/s	2.9 µmol/s
Input Voltage	100-277VAC			
PF	> 0.92 @230V			
Beam Angle	160°			
Dimming	0-10V Dimming			
Operating Temp	-25° to 40°C; -13° to 104°F			
Driver Location	Built-in Driver			
Listed	CE and ETL compliant			
Rated	IP65			
Dimensions	L 24.81" x W 6.03" x H 3.59"			
Warranty	5 year			

### SPECTRUMS:



### DIMENSIONS:



**150W/200W**

## 8008 SERIES

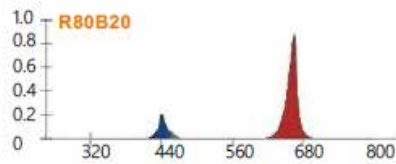


Part Numbers	ZL-8008-100W-SH	ZL-8008-200W-SH
Spectrum Item	R80B20	R80B20
Wattage	100W	200W
PPF (400-800nm)	350 $\mu\text{mol}/\text{j}$	700 $\mu\text{mol}/\text{j}$
PPE (400-800nm)	3.5 $\mu\text{mol}/\text{s}$	3.5 $\mu\text{mol}/\text{s}$
Input Voltage	120-277VAC / 277-480VAC	
PF	> 0.9	
Beam Angle	Double-sided 160°	
Dimming	0-10V Dimming	
Operating Temp	-10° to 40°C; -14° to 104°F	
Driver Location	Built-in Driver	
Listed	CE and ETL compliant	
Rated	IP66	
Dimensions	L 86.62" x W 2.5" x H 4.1"	
Warranty	5 year	

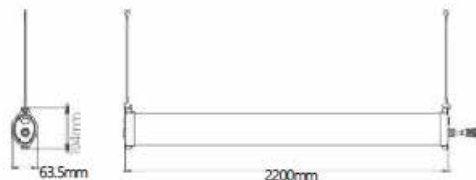


- Inter-plant lighting enhances photosynthesis in vining plants
- Speeds up fruit ripening and boosts yield
- Dust-resistant design with an easy-to-clean surface
- Dual-sided 160° wide beam angle for optimal illumination
- Simple daisy-chain installation for convenience

### SPECTRUMS:



### DIMENSIONS:



100W/200W

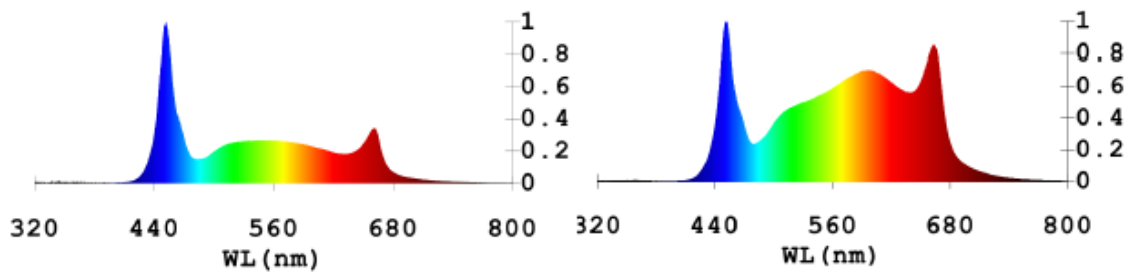
## 3932 SERIES



- T5 Waterproof Dual-Color Plastic High-Insulation Plant Lamp Tube
- Ideal for seedling cultivation, cloning, and vegetable planting in indoor plant factories. Available with multiple spectral options.
- Customizable design featuring 2 adjustable channels for red, blue, and white high-power spectrums, along with adjustable brightness settings.

Part Numbers	ZL-3932-18W-SH	
Spectrum Item	R30	R40
Wattage	18W	
PPF (400-800nm)	45-48.5 $\mu\text{mol}/\text{j}$	
PPE (400-800nm)	2.5-2.7 $\mu\text{mol}/\text{s}$	
Input Voltage	120-277VAC	
PF	> 0.98	
Beam Angle	120°	
Dimming	0-10V (optional)	
Operating Temp	-10° to 40°C; 14° to 104°F	
Driver Location	Built-in Driver	
Listed	CE and ETL compliant	
Rated	IP65	
Net Weight	0.78 lbs	
Dimensions	L 45.67" x W 1.11" x H 1.11"	
Warranty	5 year	

### SPECTRUMS:



### DIMENSIONS:

