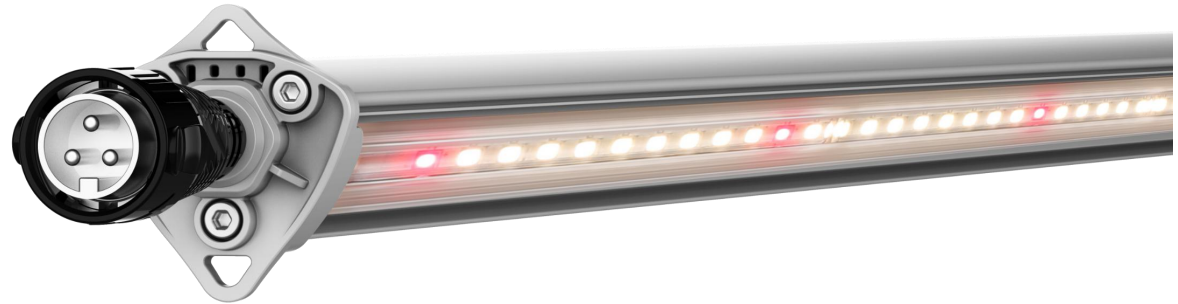




Éclairage DEL haute-performance pour horticulture
High performance LED grow light
Iluminación LED de alto rendimiento para horticultura



Horti-InterCrop

CE IP65 WATERPROOF RoHS Compliant

TECHNICAL DATASHEET

2020



Product features

Housing material	Aluminum
Finishing	Anodic oxidation
Optics materials	PC cover
Protection degree	IP65 (dust and watertight)

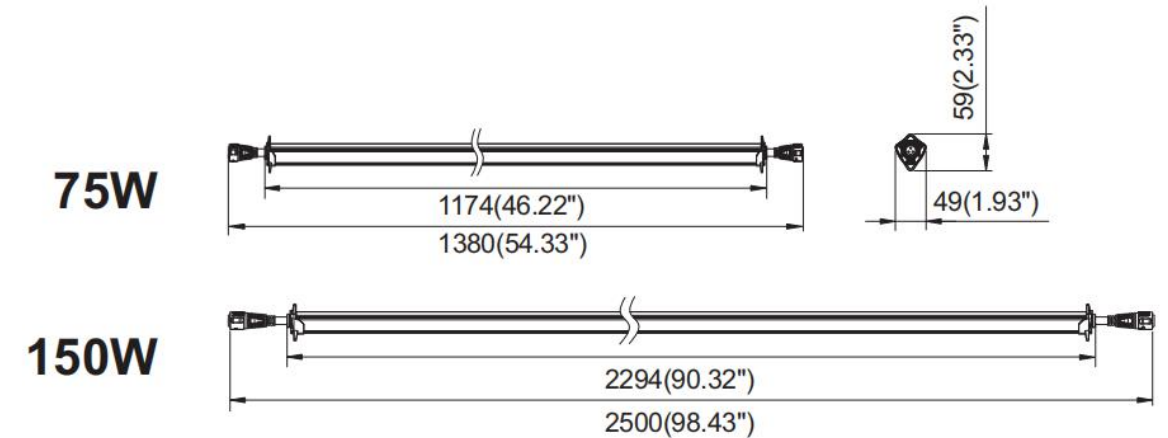
Lamps can be cleaned by using pressurized water, the complete electrical circuit is sealed waterproof.

Technical data

Power	75W (±3%)	150W (±3%)
System efficacy	2.7umol/J (±5%)	2.7umol/J (±5%)
DC input	56V	56V or 250V
PPF Output	202.5umol/s	405umol/s
Heat BTU Generated	255.75 BTU	511.5 BTU
Isolation Class	Class I	
IP rating	IP65	
Warranty	5 years	

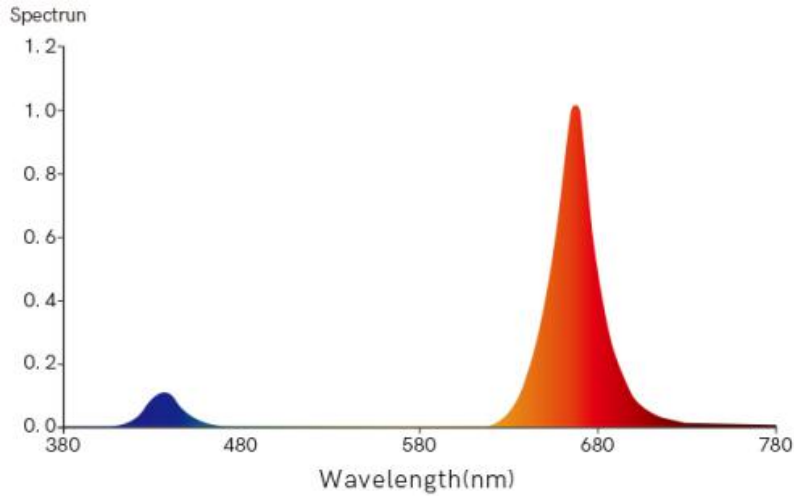
*Power supply: when the power supply is selected, the output voltage of DC56V power supply shall be ≥56V, and the output voltage of DC250V power supply shall be ≥250V

Drawing



Power	75W (±3%)	150W (±3%)
Dimensions	1380x49x59mm 54.33"x1.93" x 2.33"	2500 x 49 x 59mm 98.43" x 1.93" x 2.33"
Net Weight	1.2±0.3kg 2.65±0.66Lbs	2.2±0.3kg 4.85±0.66Lbs
Qty/CTN	4 pcs	4 pcs
G.W	5kg / 11 lbs	10 kg / 22 lbs
CTN SIZE	1390*150*155mm 54.7" x 5.9" x 6.1"	2510*150*155mm 98.8" x 5.9" x 6.1"
Operation conditions	0°C to 40°C / 32°F to 104°F (95% RH)	
Storage conditions	-20°C to 70°C / -4°F to 158°F (85% RH)	

High Efficiency Spectrum Chart

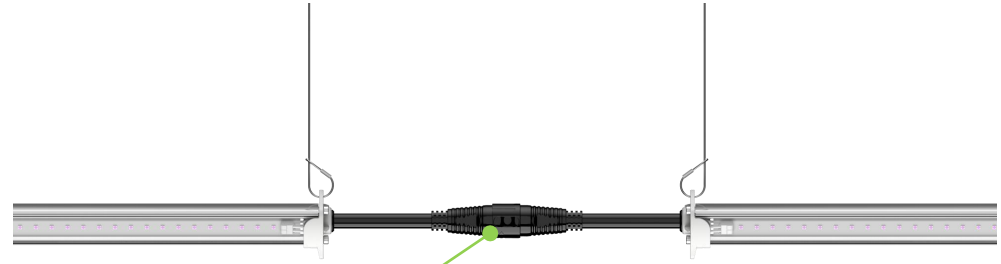


Double-sided 120° Lighting Emit



5 YEARS WARRANTY

Mounting



Daisy-chain Solution

- ✓ DC output $\geq 56V$: 75 watts connect 8 pcs at one line, 150 watts connect 4 pcs at one line.
- ✓ DC output $\geq 250V$: 150W can connect 20 pcs at one line.
- ✓ External driver, easy for maintenance and good for heat dissipation

Compliance

CE
ETL Pending
Low Voltage Directive (LVD)
Electromagnetic Compatibility Directive (EMC)
Restriction of Hazardous Substances (RoHS) Directive

* typical values for stable operation at 25° C / 77° F ambient temperature

Driver

The standard version is Artesyn iHP Series 250V output.

Client could choose Sosen, Meanwell, Inventronics as optional.

Technical Datasheet

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