



# **HORTI-SLIM TOP LIGHTING**

**TECHNICAL DATASHEET**

2018\_V1.0

### Product features

Housing material	Aluminum
Finishing	Anodic oxidation
Optics materials	PC cover (transmission >90%)
Protection degree LED compartment	IP65 (dust and watertight)
	Lamps can be cleaned by using pressurized water, the complete electrical circuit is sealed waterproof.
Lighting impact resistance	IK07

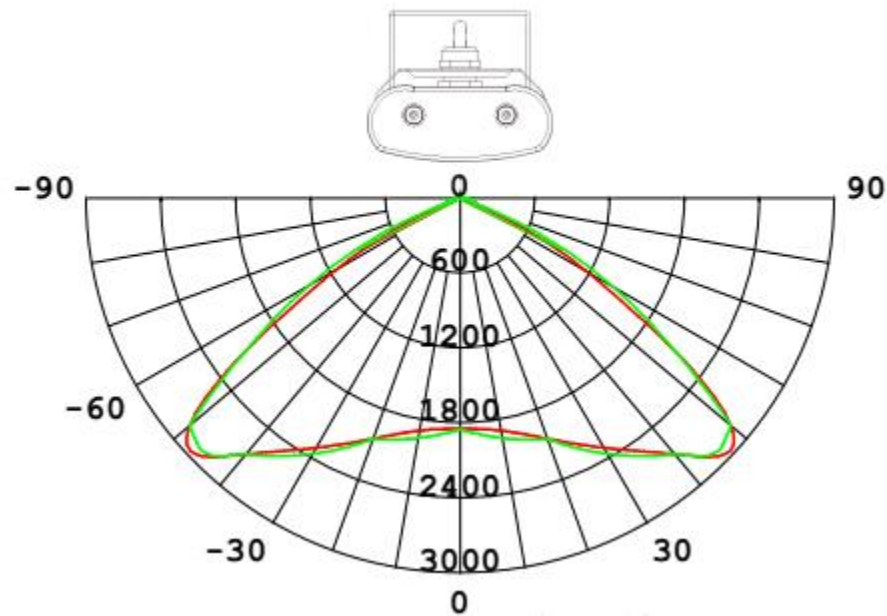
### Technical data

Power*	200 Watt (± 5%)
PF	> 0.95
Voltage range	100-240VAC/100-277 VAC
Current range	2.0A - 0.72A
Frequency range	50/60 Hz
Isolation class	Class I
Operation conditions	0°C to 40°C / 32°F to 104°F (95% RH)
Storage conditions	-40°C to 70°C / -40°F to 158°F (85% RH)

### Optical properties

Photon flux (μMol/s)	460μMol/s(± 5%)(400-700nm)
Efficacy (μMol/J)	2.3μMol/J(± 5%)(400-700nm)
Warranty	5 years

Customized lens The customized lens 120° etc are available



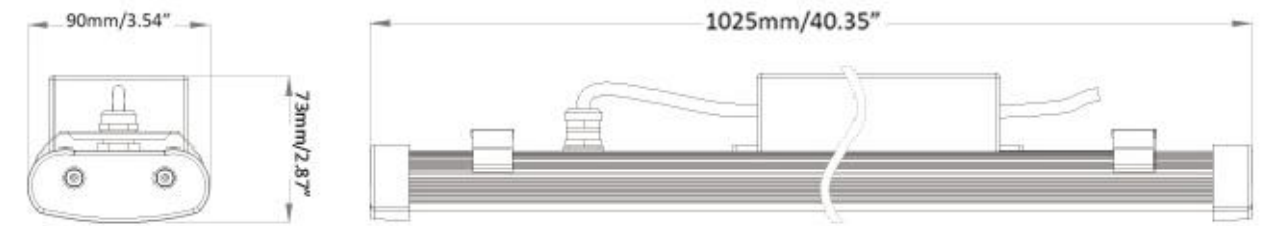
### Weight and dimensions

Net weight	3.04 kg(±0.2kg)/6.75 lb(±0.44lb)
Product dimensions (L x W x H)	1025mm x 90mm x 73mm/40.3" x 3.54" x 2.8"

### Mounting

Hanging installation or bracket installation

### Drawings



### Logistic specifications

Quantity per carton	2 pcs
Gross weight per carton	6.85 kg(±0.3kg)/15.2lb(±0.66lb)
Carton dimensions	1085mm x 200mm x 145mm/42.5" x 7.8" x 5.7"

### Compliance

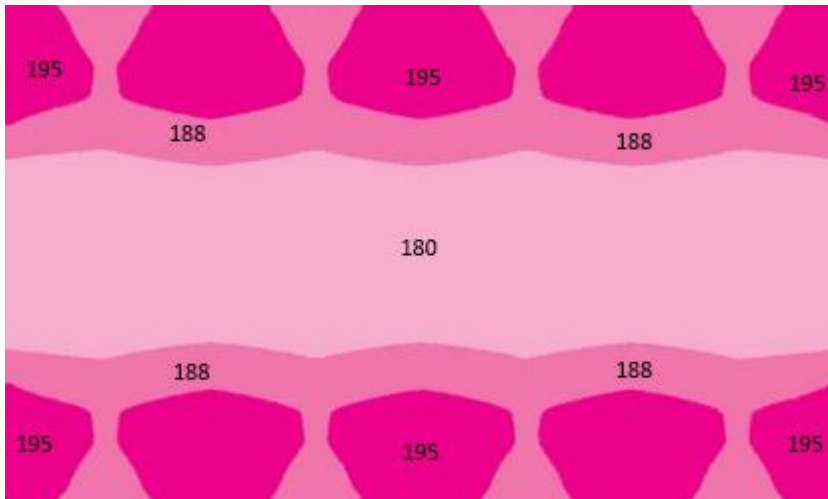
- CE certification
- Low Voltage Directive (LVD)
- Electromagnetic Compatibility Directive (EMC)
- Restriction of Hazardous Substances (RoHS) Directive

CE RoHS

## PPFD map: Horti-Slim

### Greenhouse

Measurements: 1.5m x 1.5m / 5' x 5'  
Height fixture above canopy: 1.0 m / 40"  
1 fixture needed for: 2.25 m<sup>2</sup> / 25 sqft  
Spectrum: the Horti-Slim can be supplied with a wide range of colour spectra, the optimal one is determined by the specific crops you want to Cultivate.



Average: 187  $\mu\text{Mol}/\text{m}^2/\text{s}$   
Maximum: 194  $\mu\text{Mol}/\text{m}^2/\text{s}$   
Minimum: 180  $\mu\text{Mol}/\text{m}^2/\text{s}$   
Uniformity: 92%

Technical Datasheet

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