

200W Greenhouse Top Light Bar

TA-HL07



Product features

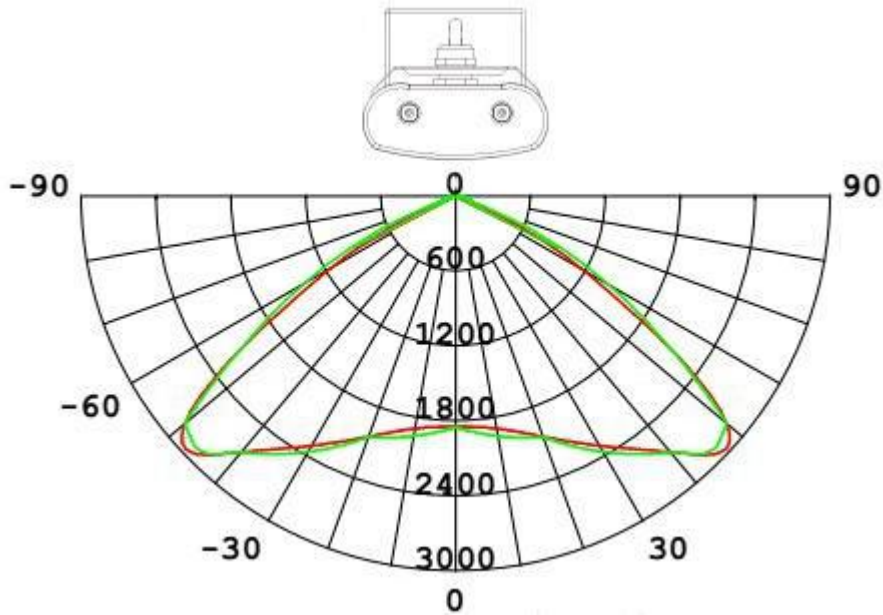
Housing material	Aluminum
Finishing	Anodic oxidation
Optics materials	PC cover (transmission >90%) Protection
degree LED compartment	IP65 (dust and watertight) Lamps can be cleaned by using pressurized water, the complete electrical circuit is sealed waterproof.
Lighting impact resistance	IK07

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 ($\mu\text{Mol/s}$)	460 $\mu\text{Mol/s}$ ($\pm 5\%$)(400-700nm)
Efficacy ($\mu\text{Mol/J}$)	2.3 $\mu\text{Mol/J}$ ($\pm 5\%$)(400-700nm)
Warranty	5 years
Customized lens	The customized lens 120° etc are available



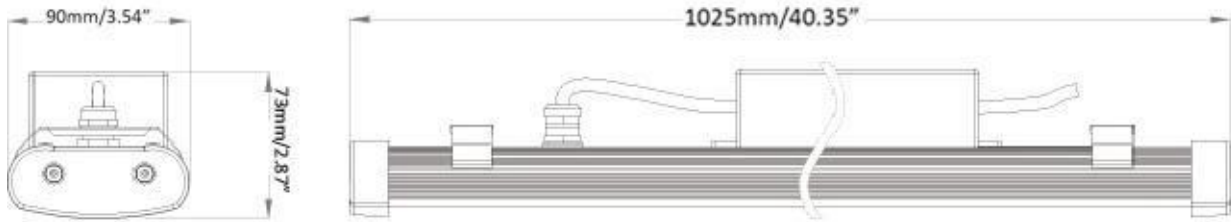
Weight and dimensions

Net weight	3.04 kg($\pm 0.2\text{kg}$)/6.75 lb($\pm 0.44\text{lb}$)
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(±0.66lbs)
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

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

PPFD map:

Greenhouse

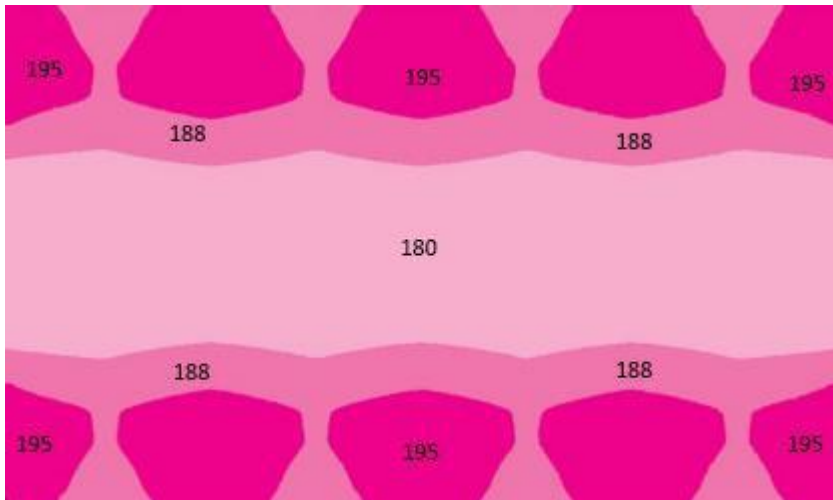
Measurements: 1.5m x 1.5m / 5' x

5' Height fixture above canopy:

1.0 m/ 40"

1 fixture needed for: 2.25 m² / 25 sqft

Spectrum: TA-HL07 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%