

Horti-Top

HL35-400/800

TECHNICAL DATASHEET



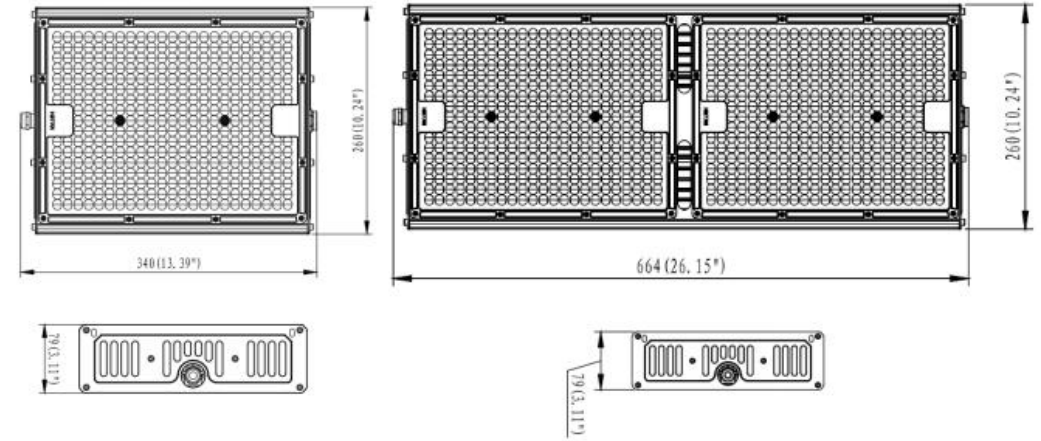
Product features

Housing material	Aluminum
Optics materials	Optical lens (transmission >90%)
Radiation angle	110° *140°
Ingress Protection	IP65 (dust and watertight)

Technical data

Power consumption	400W	800W
System efficacy (±10%)	2.6 umol/J @220Vac	2.7 umol/J @220Vac
PAR Output	1040 umol/s	2221 umol/s
ePAR Output	1054 umol/s	2248 umol/s
Voltage input	120-277Vac, 120-240VAC, 50-60Hz	120-277Vac, 120-240VAC, 50-60Hz
Current Range	3.33A @ 120V , 1.44A @ 277V	6.67A @ 120V , 2.89A @ 277V
Isolation Class	Class I	Class I
Heat BTU Generated	1364 BTU	2728 BTU
Power Factor	> 0.9	> 0.9
Dimming	0-10V	0-10V

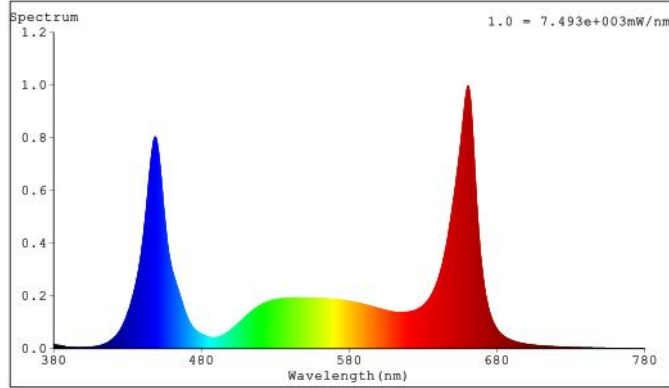
Drawing



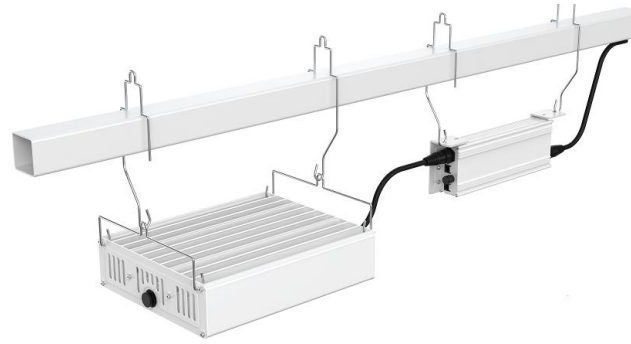
Dimensions	340x260x79mm 13.39" x10.24" x3.11"	664x260x79mm 26.15" x10.24" x3.11"
Net Weight	4.90 kg/10.80 lbs	8.90 kg/19.62 lbs
Qty/CTN	1 pc	1 pc
Gross Weight	6.60 kg/14.55 lbs	11.20 kg/24.69 lbs
CTN SIZE	480x385x125mm 18.90" x 15.16" x 4.82"	800x385x125mm 31.50" x 15.16" x 4.82"
Operation conditions	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)	
Warranty	5 years	

Spectrum Chart

HL35-P06-02

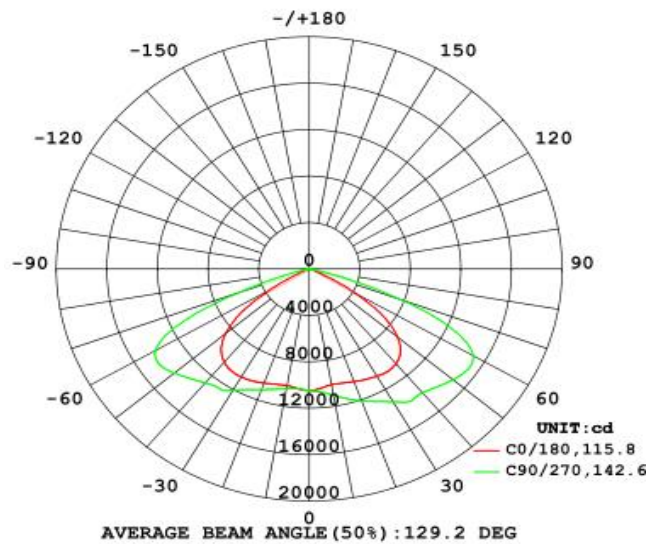


Product details

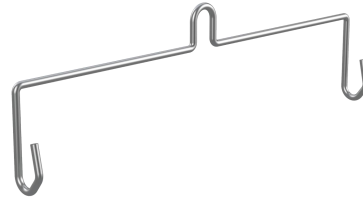


- ✓ External power supply gets better heat dissipation.
- ✓ The lamp respirator can keep the pressure constant, which avoids led panel warping.
- ✓ Mounting brackets are suitable for various applications, and the two kinds of mounting brackets are designed for easier installation and less labor costs.
- ✓ Smaller packaging volume can save transportation cost.
- ✓ IP65 optical lens for higher light utilization and resistance to water jetting.

IES Chart



Accessories



Hanging Hook A* 2pcs



Hanging Hook B* 4pcs

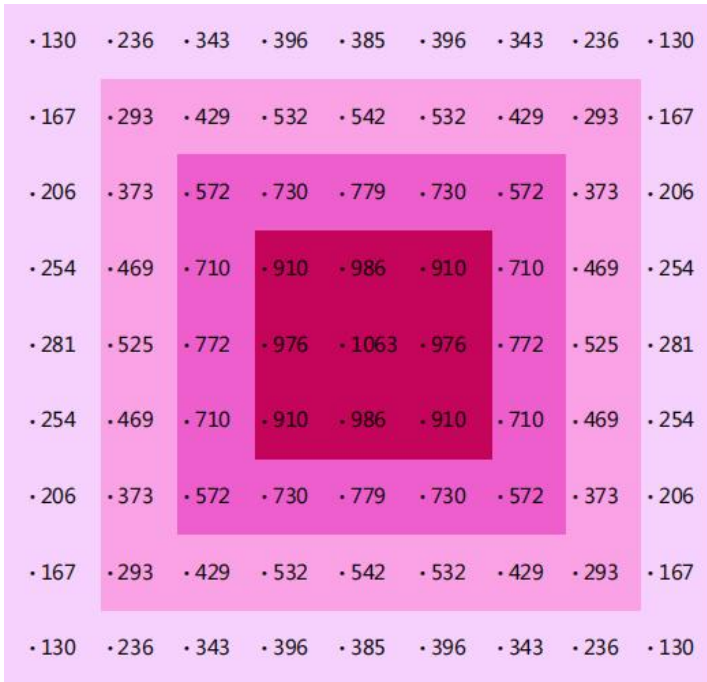
Compliance

CE
ETL
Low Voltage Directive (LVD)

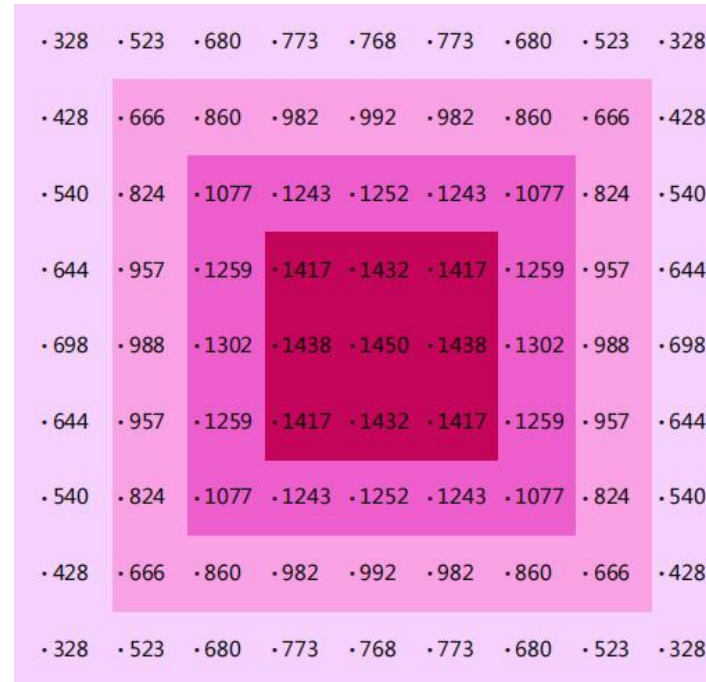
Electromagnetic Compatibility Directive (EMC)
Restriction of Hazardous Substances (RoHS) Directive

PPFD test result

400W 45cm/18"



800W 45cm/18"



Spectrum:

HL35-P06-02

Cover area:

1.2m x 1.2 m / 4' x 4'

Height fixture above canopy:

45cm/ 18"

1 fixture needed for:

1.44 m² / 15.5 sqft

PPFD value:

400W 45cm/18"

800W 45cm/18"

Average: 476 $\mu\text{Mol}/\text{m}^2/\text{s}$

Average: 889 $\mu\text{Mol}/\text{m}^2/\text{s}$

Maximum: 1063 $\mu\text{Mol}/\text{m}^2/\text{s}$

Maximum: 1450 $\mu\text{Mol}/\text{m}^2/\text{s}$

Minimum: 130 $\mu\text{Mol}/\text{m}^2/\text{s}$

Minimum: 328 $\mu\text{Mol}/\text{m}^2/\text{s}$

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