



# Horti-Rey

## HL13

CE  **RoHS**

**IP65**  
WATERPROOF

 **ETL**  
LISTED  
Intertek



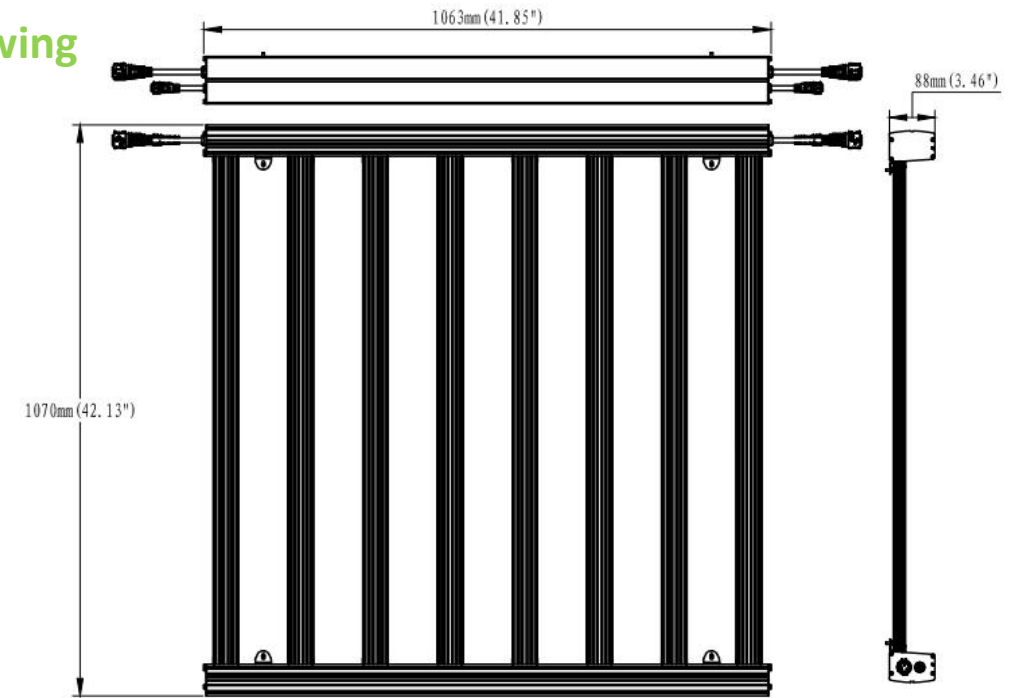
## Product features

Housing material	Aluminum
Optics materials	Conformal coating (transmission >97%)
Radiation angle	120°
Protection degree	IP65 (dust and watertight)

## Technical data

Power	800W ( ±5% )	
Item No.	HL13	
System efficacy	2.0-2.5umol/J ( ±5% )	
PPF Output	1600--2000umol/s	
Power Input	100-240Vac,277Vac,50-60Hz	277-480Vac,50-60Hz
Current Range	8A @ 100V, 3.33A@ 240V	2.89A @ 277V, 1.67A @ 480V
Isolation Class	Class I	
Heat BTU Generated	2728 BTU	
Power Factor	> 0.95	
Dimming	0-10V	

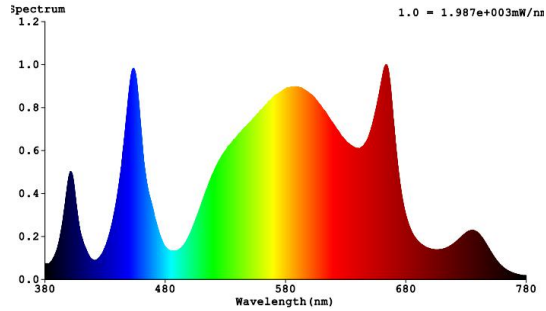
## Drawing



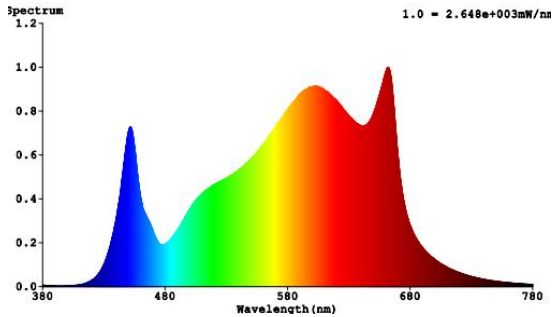
Dimensions	1063 x 1070 x 88 mm 41.9" x 42.1" x 3.5"
Net Weight	10.9 kg/24.0 lbs
Qty/CTN	1 pc
Gross Weight	13.9 kg/30.6 lbs(including hanging ropes)
CTN SIZE	1126 x 120 x 1138 mm 44.3" x 4.7" x 44.8"
Operation conditions	0°C to 40°C / 32°F to 104°F (95% RH)
Storage conditions	-40°C to 70°C /-40°F to 158°F (85% RH)
Warranty	5 years

## Horti Rey Spectrum Chart

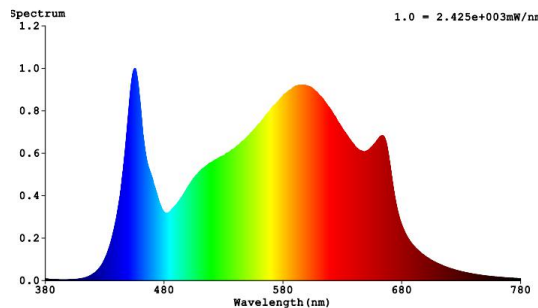
HL13-P100-00



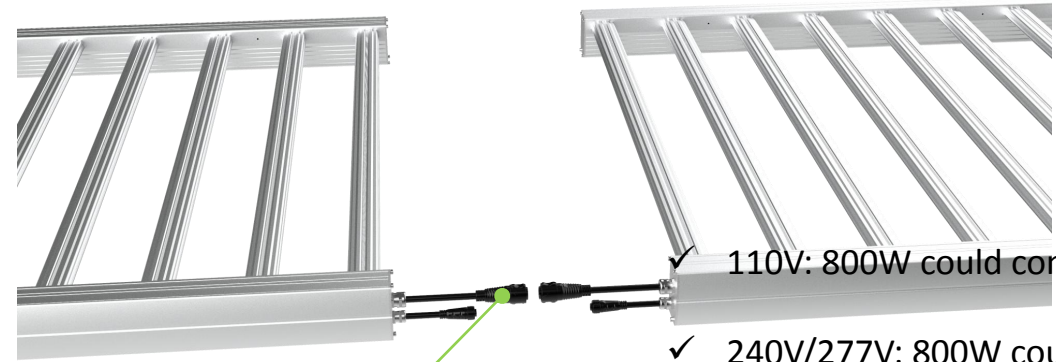
HL13-P101-00



HL13-P102-00



## Horti Rey connection



- ✓ 110V: 800W could connect 2 pcs
- ✓ 240V/277V: 800W could connect 4 pcs
- ✓ 480V: 800W could connect 7 pcs
- ✓ Built-in driver, easy for installation and transportation

**Daisy-chain Solution**

## Accessories



Hanging Rope \* 4 pcs



M19 AC wire  
(3M) \* 1 pc



M12 dimming wire  
(3M) \* 1 pc

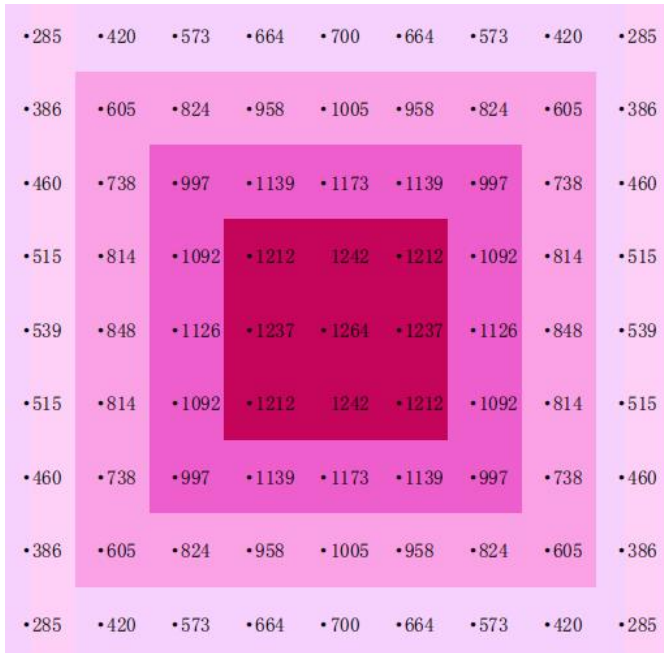
## Compliance

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

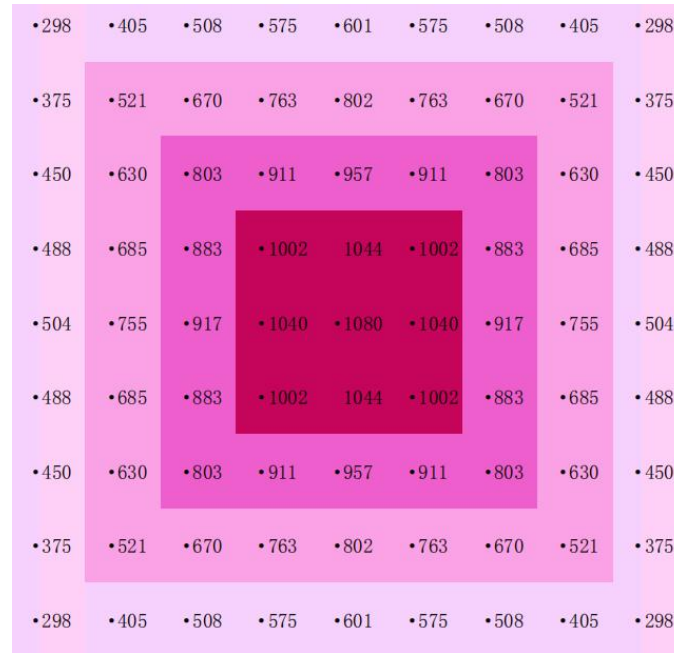
\* typical values for stable operation at 25 ° C / 77 ° F ambient temperature

## PPFD test result

800W 45cm/18"



800W 60cm/24"



**Cover area:**

1.2m x 1.2 m / 4' x 4'

**Height fixture above canopy:**

45cm & 60cm / 18" & 24"

**1 fixture needed for:**

1.44 m<sup>2</sup> / 15.5 sqft

**PPFD value:**

800W 45cm/18"

800W 60cm/24"

Average: 787  $\mu\text{Mol}/\text{m}^2/\text{s}$

Average: 669  $\mu\text{Mol}/\text{m}^2/\text{s}$

Maximum: 1264  $\mu\text{Mol}/\text{m}^2/\text{s}$

Maximum: 1080  $\mu\text{Mol}/\text{m}^2/\text{s}$

Minimum: 285  $\mu\text{Mol}/\text{m}^2/\text{s}$

Minimum: 298  $\mu\text{Mol}/\text{m}^2/\text{s}$

Technical Datasheet Designed and produced in the Atop Lighting. © 2020, Atop. All rights reserved.

## Atop Lighting

Building A, Jian'an Road No.3,  
Tang Wei Community, Fu Yong Street,  
Bao An Distric, Shen Zhen, China.

**T** +8675523573307

**E** info@atophort.com

**W** www.atophort.com

