

# Horti-King

## HL06-600

TECHNICAL DATASHEET

2023



IP65  
WATERPROOF



Product features

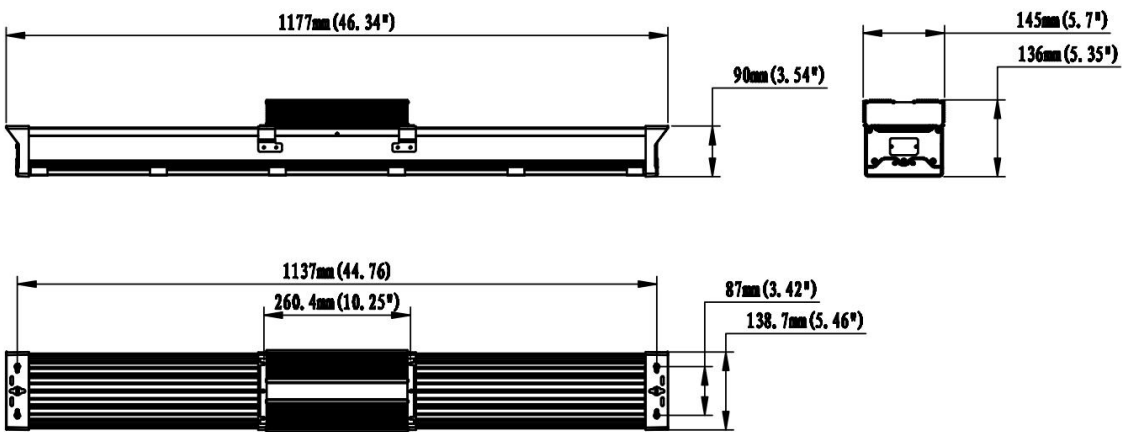
Housing material	Aluminum
Optics materials	Glass (transmission >92%)
Radiation angle	120°
Ingress Protection	IP65 (dust and watertight)

Technical data

Power consumption	600W
System efficacy ( ±10% )	2.4umol/J @220Vac
PAR Output	1475umol/s
ePAR output	1506umol/s
Voltage Input	100-277Vac,50-60Hz
Current Range	6A @ 100V , 2.17A @ 277V
Isolation Class	Class I
Heat BTU Generated	2046BTU
Power Factor	> 0.95
Dimming	0-10V

\* The tolerance for power is ±3%

Drawing



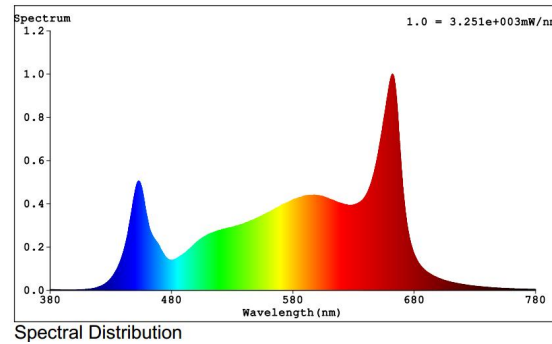
Dimensions	1177 x 145 x 136mm 46.34" x 5.7" x 5.35"
Net Weight	11.6 kg/25.7 lbs
Qty/CTN	1 pc
Gross Weight	12.68 kg/27.95 lbs
CTN Size	1340 x 195 x 200mm 52.76" x 7.7" x 7.9"
Operation conditions	0°C to 40°C / 32°F to 104°F (95% RH)
Storage conditions	-40°C to 70°C / -40°F to 158°F (85% RH)
Warranty	5 years

\* The tolerance for weight is ±6%

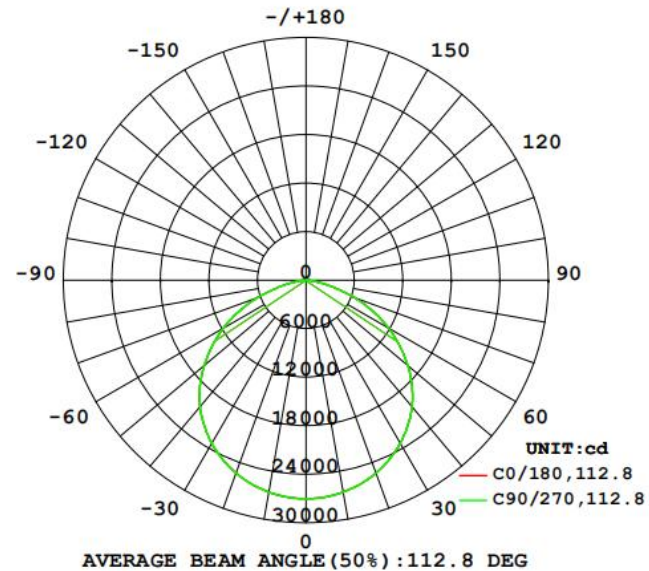


## Spectrum Chart

HL06-P68-00



## IES test



## Accessories



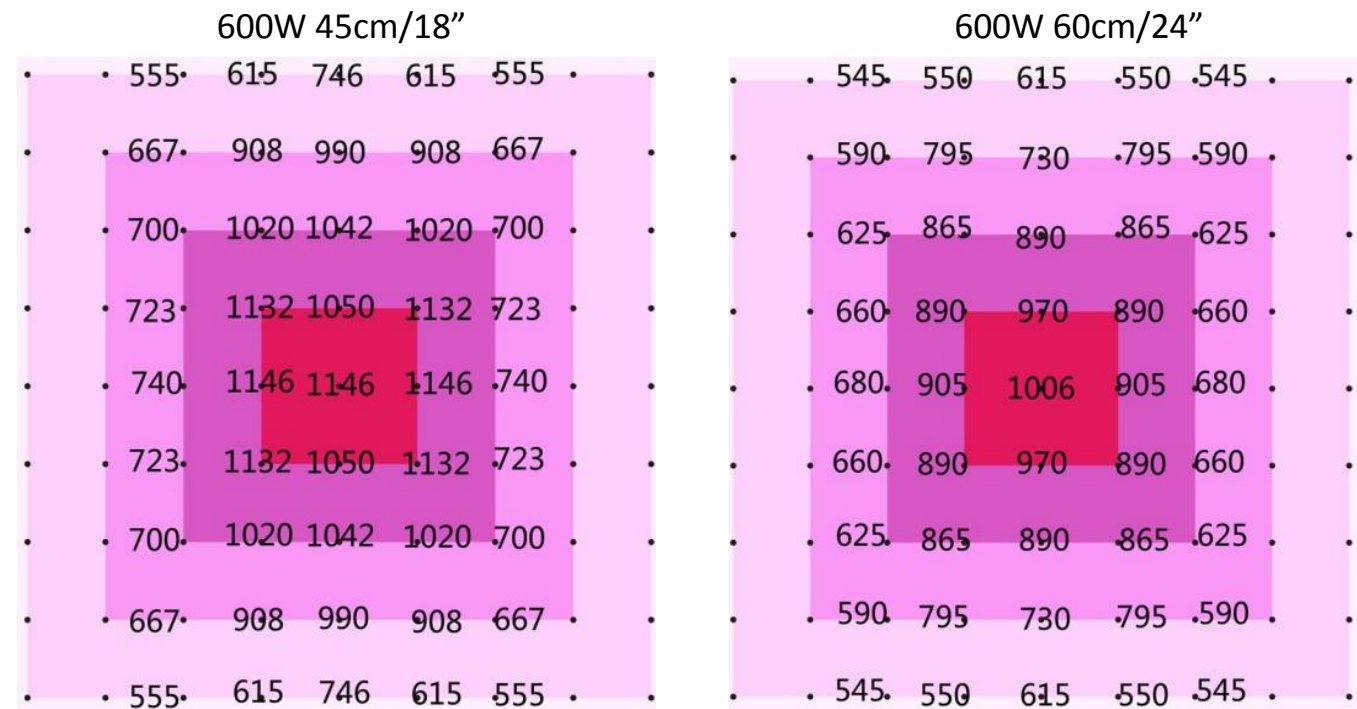
Standard: 2\*V cords  
attach to 2\*rope ratchet

## Compliance

CE  
ETL  
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



<b>Spectrum:</b>	HL06-P68-00
<b>Cover area:</b>	1.2m x 0.6 m / 4' x 2'
<b>Height fixture above canopy:</b>	45cm & 60cm / 18" & 24"
<b>1 fixture needed for:</b>	0.72m2 / 7.75 sqft
<b>PPFD value:</b>	
600W 45cm/18"	600W 60cm/24"
Average: 879 $\mu\text{Mol/m}^2/\text{s}$	Average: 755 $\mu\text{Mol/m}^2/\text{s}$
Maximum: 1146 $\mu\text{Mol/m}^2/\text{s}$	Maximum: 1006 $\mu\text{Mol/m}^2/\text{s}$
Minimum: 555 $\mu\text{Mol/m}^2/\text{s}$	Minimum: 545 $\mu\text{Mol/m}^2/\text{s}$

Technical Datasheet    Designed and produced in the Atop Lighting. © 2023, 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

