



# Horti-Green

## HL11-020/030

TECHNICAL DATASHEET

2023



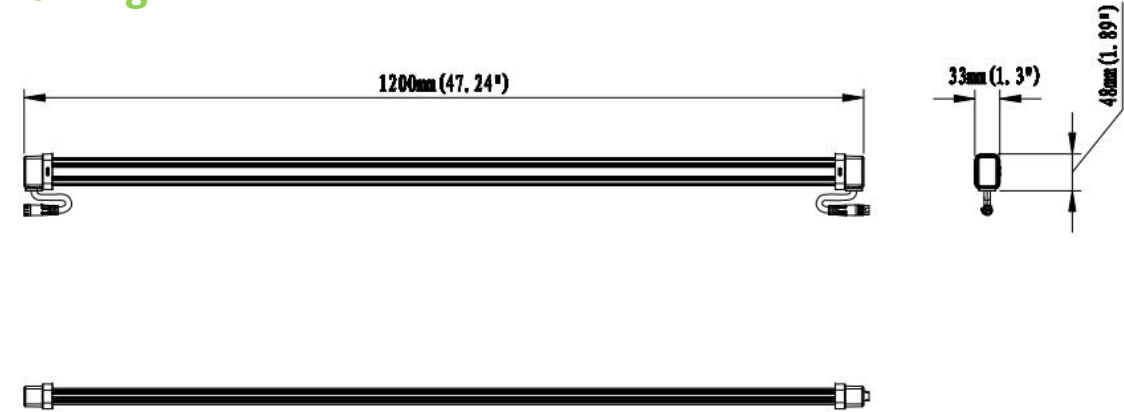
## Product features

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

## Technical data

Power consumption	20W	30W
System efficacy ( ±10% )	2.4 μmol/J @220Vac	2.35 μmol/J @220Vac
PAR Output	48 μmol/s	71 μmol/s
ePAR Output	50 μmol/s	72 μmol/s
Voltage input	100-277Vac,50-60Hz	100-277Vac,50-60Hz
Current Range	0.2A @ 100V 0.07A @ 277V	0.3A @ 100V 0.11A @ 277V
Isolation Class	Class I	Class I
Heat BTU Generated	68 BTU	102 BTU
Power Factor	> 0.9	> 0.9
Dimming	No	No

## Drawing



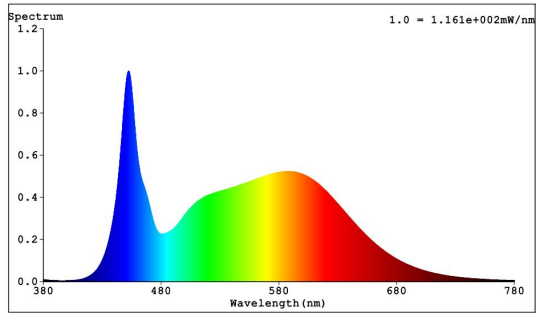
Dimensions	1200 x 48 x 33mm 47.24" x 1.89" x 1.3"
Net Weight	0.6 kg/1.3 lbs
Qty/CTN	18 pcs
Gross Weight	11.8 kg/26 lbs
CTN Size	1300×260×235mm 51.2" x 10.2" x 9.3"
Operation conditions	0°C to 40°C / 32°F to 104°F (95% RH)
Storage conditions	-40°C to 70°C / -40°F to 158°F (85% RH)
Warranty	5 years

\* The tolerance for power is ±10%

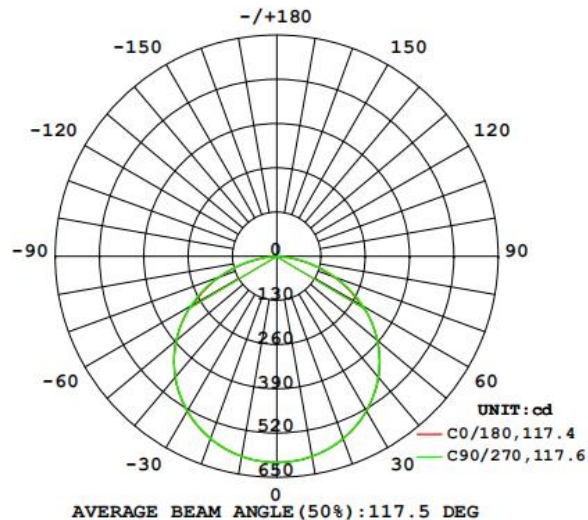
\* The tolerance for weight is ±6%

## Spectrum Chart

**HL11-P01-B36-20W**  
**HL11-P01-B30-30W**



## IES test



## Accessories



Low bracket for surface mounted \* 2pcs



US Standard: M12 AC wire\* 1pc (3M)



US Optional: M12 extension daisy chain cable\* 1pc (0.6M)



Low bracket ring for surface mounted \* 2pcs



EU Standard: M16 AC wire\* 1pc (3M)



EU Optional: M16 extension daisy chain cable\* 1pc (0.6M)

## 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

## Horti Green Connection



- ✓ 110V: 20W could connect 30 pcs,  
30W could connect 20 pcs
- ✓ 220V: 20W could connect 60 pcs,  
30W could connect 40 pcs
- ✓ 277V: 20W could connect 70 pcs,  
30W could connect 50 pcs
- ✓ Built-in driver, easy for installation  
and transportation

## Case Study



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