

# **HORTI-BAR INTER LIGHTING**

**TECHNICAL DATASHEET**

2018

### Product features

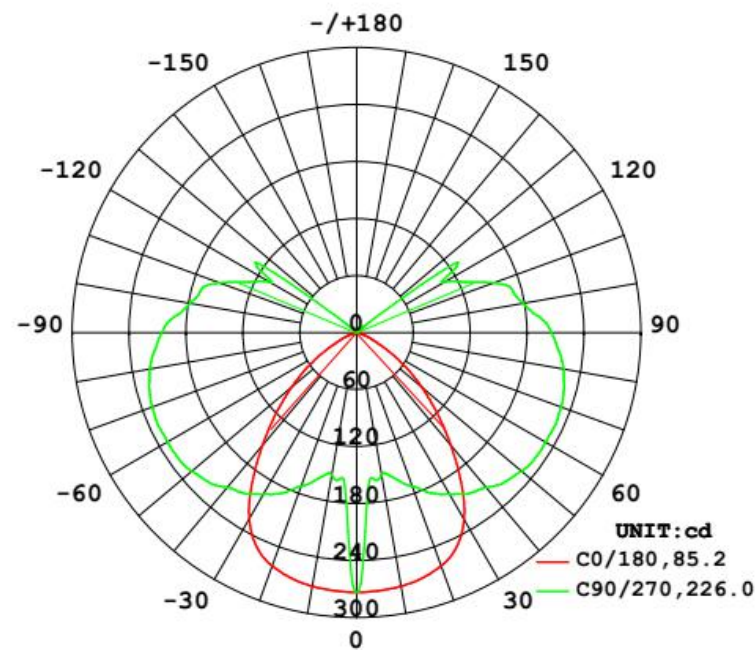
Housing material	Aluminum
Finishing	Plastic plus Aluminum
Optics materials	PC Cover (transmission >90%)
Protection degree LED compartment	IP65 (dust and watertight)
	Lamps can be cleaned by using pressurized water, the complete electrical circuit is sealed waterproof.
Lighting impact resistance	IK07

### Technical data

Power*	60/120 Watt (± 5%)
PF	> 0.92
Voltage range	100-240VAC/100-277 VAC
Current range	0.75A -0.31A/1.5A-0.63A
Frequency range	50/60 Hz
Inrush current	< max. 25A (t< 1 msec)
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 (μMol/s)	108/216μMol/s
Efficacy (μMol/J)	1.8μMol/J
Warranty	3 years
Beam Angle	120°



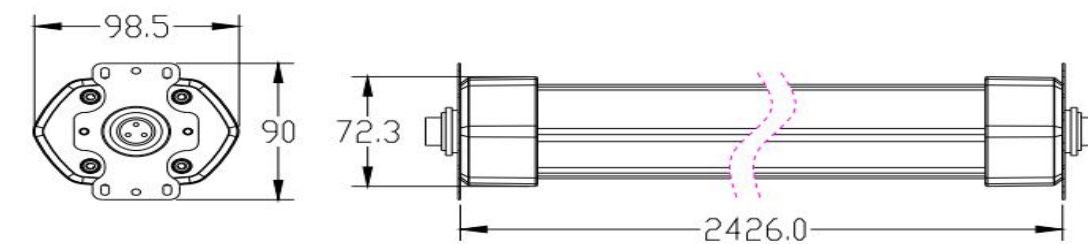
### Weight and dimensions

	HL01-60		HL01-120	
Power Consumption	60W		120W	
Product Dimension	98.5×90×1226mm	38.8"×3.54"×48.3"	98.5×90×2426mm	38.8"×3.54"×95.5"
Net Weight	2.5±0.3kg	5.5±0.66lbs	6.5±0.3kg	14.3±0.66lbs

### Mounting

Safety line hanging

### Drawings



### Logistic specifications

Quantity per carton	6 pcs(60W)/3pcs(120W)
Gross weight per carton	15kg/33lbs;20kg/44lbs
Carton dimensions	1332x307x240mm/52.4"x12"x9.4" 2510x367x135mm/98.8"x14.4"x5.3"

### Compliance

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

CE RoHS

Case study: Horti-Bar

Korean Tomato Greenhouse



Technical Datasheet

Designed and produced in the Atop Lighting. © 2018, 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

