



Horticulture

LED Lighting Technology

CATALOGUE



ATOP Lighting Co., Ltd.

Tel: +86-755-23571002

E-mail: info@atophort.com

Web: www.atophort.com

Address: 1F, Building C, No.3 Jian'an Road,
Tangwei Community, Fuhai Street, Bao'an
District, Shenzhen



About US

Atop Lighting works diligently to offer ODM OEM service in horticultural lighting solutions. The engineering team is professional and experienced in LED lighting technology, strongly supports you, and solves your difficulties in the structure, spectrum, thermal performance, and other complex issues. To help customers get plant fruits (yield, taste, color and smell, etc.)

Atop Lighting is enthusiastically committed to cutting-edge design, innovative engineering and skillful manufacturing. We deliver the world-class horticulture solutions and optimize plants growth by working with our customers.

20,000
SQ.M

3000+
Employees



What Can We Offer?



Tailored Attention

Our team work in partnership with professional customers to correctly understand the unique needs of each project, aim to assist customers to provide the solution that best fits the application.



Lighting Layout

Our horticulture lighting engineering create a customized layout based on facility size and desired results. Customers will work with our engineering team to create iterations until the solution matches the need.



Purposeful Planning

Our team are dedicated to consistently looking for ways to improve the fixtures, reduce cost, and deliver world-class quality.



Post Sale Support

Atop lighting takes pride in the success of the customers we support with our lighting. Our goal is to build a long term relationship with the customers.



Case Studies

HL01 Cucumber



HL05 Lettuce



HL06 Cannabis



HL06 Cannabis



HL11 Salad



HL13 Cannabis



HL16 Cannabis



Honor

Factory Audit

Factory Audit Approved by
UL / SGS / TUV / TIS / CCC / ETL...

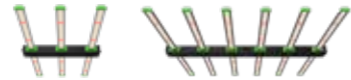
Factory Audit Approved by Clients also.



Product Catalog

Multi-bar Lighting P1-10

HL33 P03-06



BHL02 P07-10



LED Tubes P11-16

CHL01 P13-16



LED Panels P17-22

HL26 P19-22



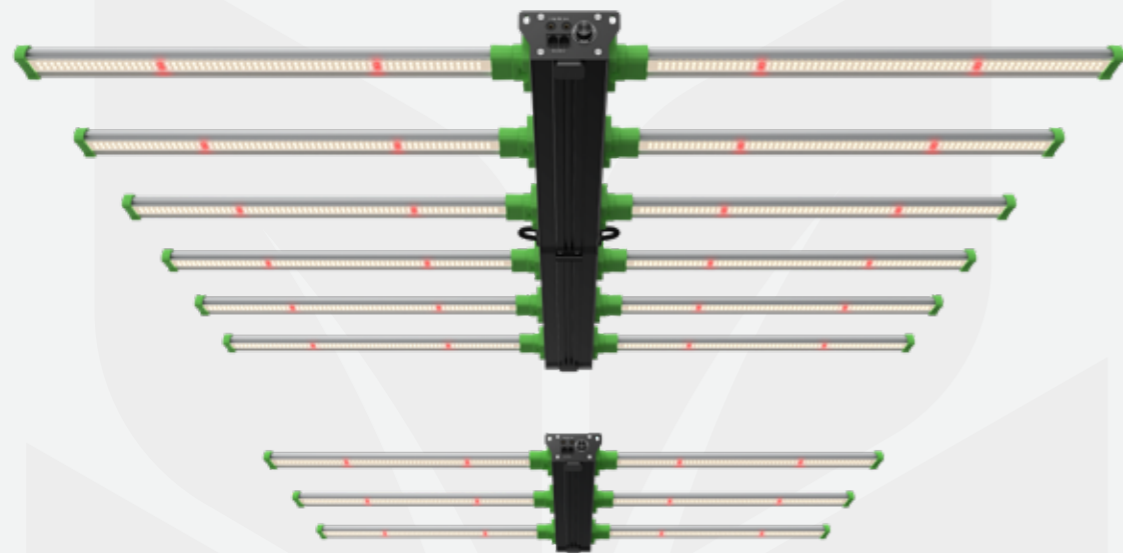
Multi-bar Lighting

Conserve horizontal square footage by using vertical planting technology, growing cannabis plants, vegetables, and other crops on two-tiers or more.

Horti-Transfo

HL33-320/640

Horti-Transfo is a new optimal solution for distribution and wholesale. Slim profile passive cooled design gives it better heat dissipation. The Transformer design of the horticultural lighting market, flexible DIY style, is more popular in the home grown market.



Key Features

- The smallest volume weight in the industry
- Internal driver with DIY detachable light bars can simply install without any tools assembling, and also easy to maintain the light modules.
- The combination of built-in power supply and detachable light bars reduces the package size and is suitable for distribution and wholesale.



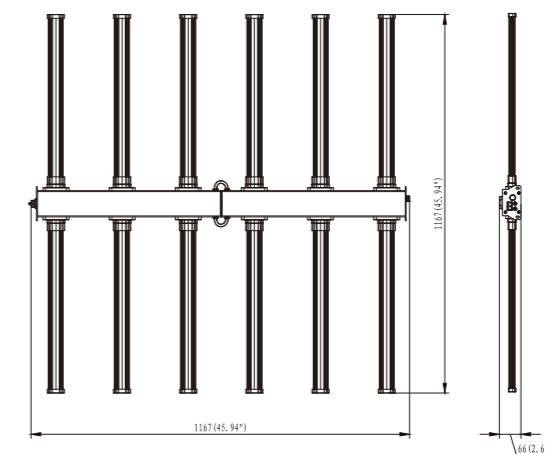
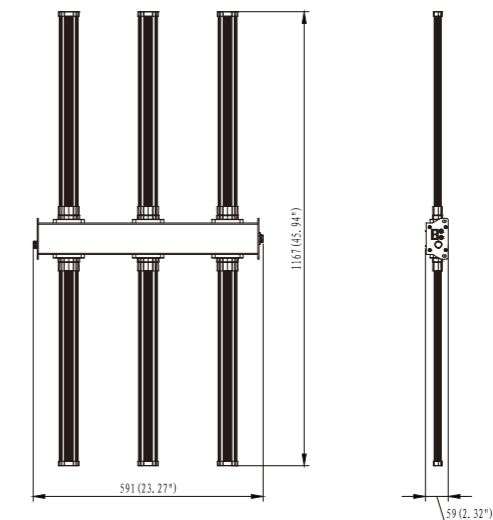
DIY



0-10V Dimming



Product Dimensions



Product Specifications

System Efficacy

2.3 $\mu\text{mol}/\text{J}$

Dimming

0~10 V Dimming

Warranty

5 Years Warranty

Certificate

ETL, CE, RoHs

Item No	HL33-320	HL33-640
Power	320 W	640 W
PAR Output	752 $\mu\text{mol}/\text{s}$	1472 $\mu\text{mol}/\text{s}$
ePAR Output	767 $\mu\text{mol}/\text{s}$	1501 $\mu\text{mol}/\text{s}$
AC Input Voltage	100-240 V AC / 100-277 V AC, 50/60 Hz	
Radiation Angle	120°	
Net Weight	4.3 kg / 9.5 lbs	9.2 kg / 20.3 lbs
Gross Weight	6.0 kg / 13.2 lbs	11.4 kg / 25.1 lbs
Dimensions	1167 x 591 x 59 mm (45.94" x 23.27" x 2.32")	1167 x 1167 x 66 mm (45.94" x 45.94" x 2.60")

Accessories



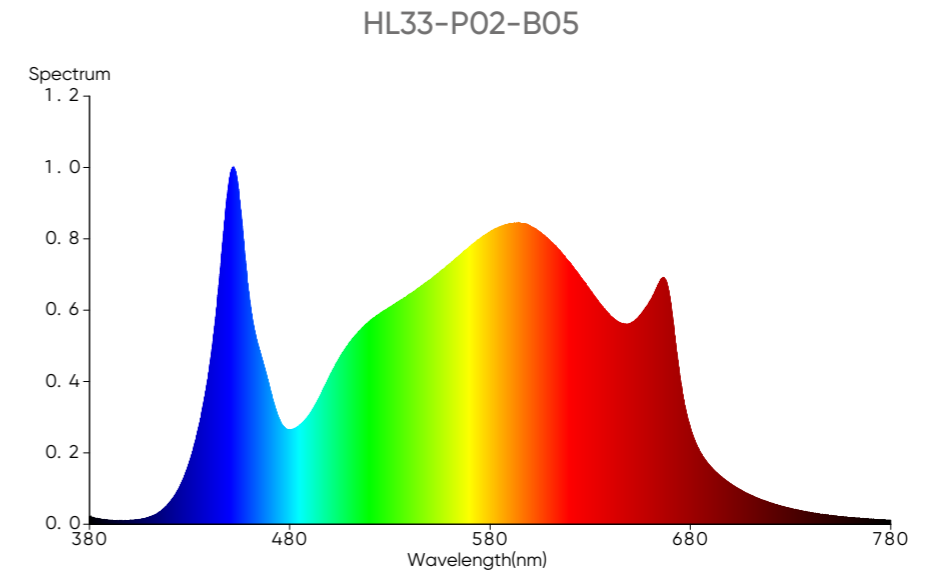
Ratchet Hanger Pulley Rope



M19 AC Plug

Spectrum Solution

This enhanced full spectrum produces the fastest flowering for plant species grown indoors under artificial lighting. The spectrum most closely mimics the sun and can meet the needs of both high and low DLI crops.



Horti-Rey Plus

BHLO2-640/720/800

Horti-Rey Plus is recommended for large-scale commercial cultivation and top-quality home cultivation. It uses a uniform photon distribution to preserve an even PPFD and superb PPF across the canopy.



Key Features

- Key dimming and audio holes and RJ12 dimming holes are available in a variety of dimming modes
- The single bar of the luminaire adopts double PCBs design makes even light distribution
- The lamp is built-in power supply scheme, easy to install
- The lamp with PC cover, which can protect the LEDs and facilitate transportation



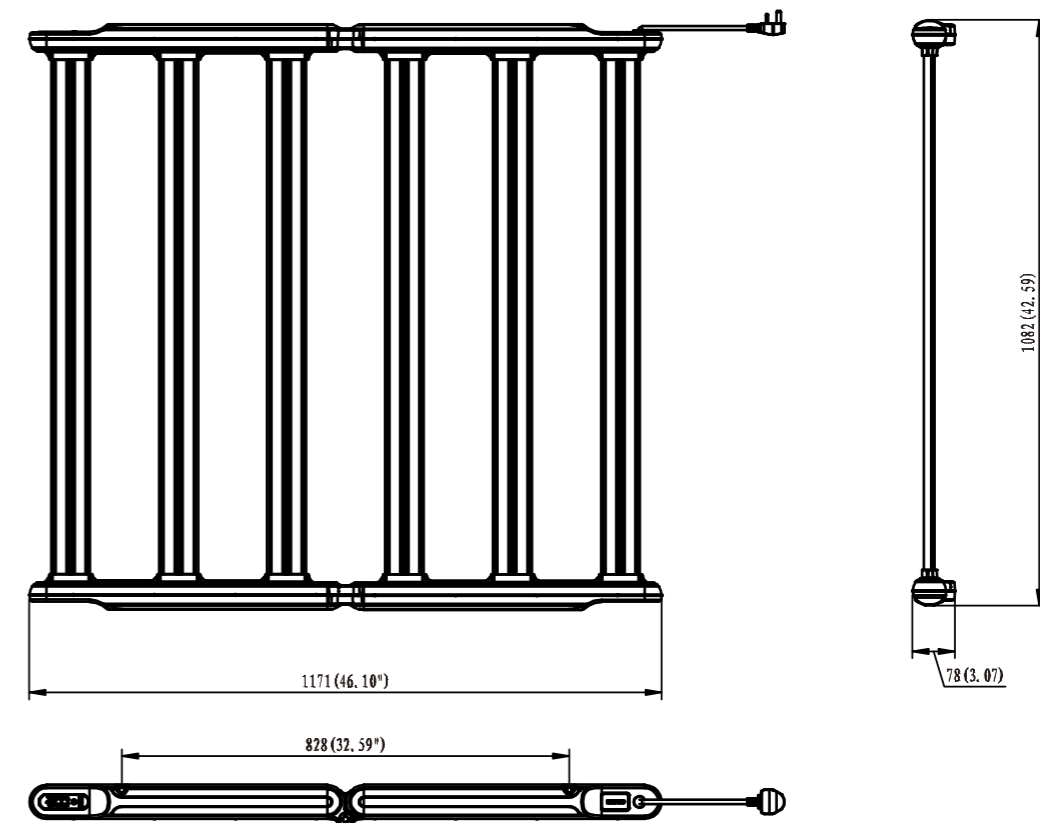
0-10V Dimming



Warranty



Product Dimensions



Product Specifications

System Efficacy

2.3 $\mu\text{mol}/\text{J}$

Dimming

0~10 V Dimming

IP Rating

IP65

Warranty

5 Years Warranty

Certificate

ETL, CE, RoHs

Item No	BHL02-640	BHL02-720	BHL02-800
Power	640 W	720 W	800 W
PAR Output	1216 $\mu\text{mol}/\text{s}$	1387 $\mu\text{mol}/\text{s}$	1545 $\mu\text{mol}/\text{s}$
ePAR Output	1305 $\mu\text{mol}/\text{s}$	1468 $\mu\text{mol}/\text{s}$	1592 $\mu\text{mol}/\text{s}$
AC Input Voltage	100-240 V AC / 100-277 V AC 50-60 Hz	200-264 V AC 50K Hz	100-240 V AC / 100-277 V AC 50-60 Hz
Dimming	0-10 V		
Net Weight	7.7 kg / 16.96 lbs	6.6 kg / 14.54 lbs	8.5 kg / 18.73 lbs
Gross Weight	10.8 kg / 23.79 lbs	9.7 kg / 21.37 lbs	11.5 kg / 25.35 lbs
Dimensions	1171 x 1082 x 78 mm (46.10" x 42.59" x 3.07")		

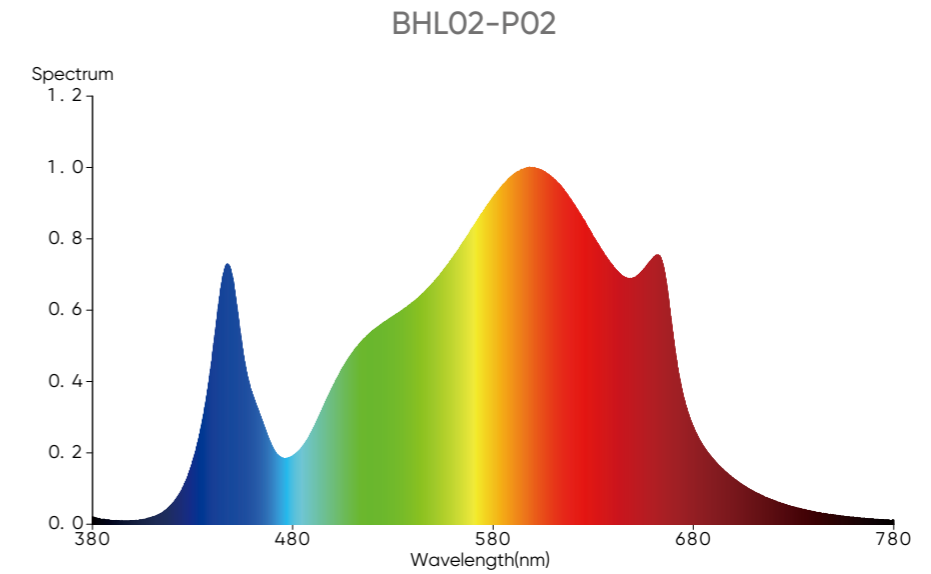
Accessories



Ratchet Hanger Pulley Rope

Spectrum Solution

This full Spectrum offers photon emission across the PAR 400-700nm continuous wavelength range, balancing energy efficiency with quality of light for desired plant response and human work environment.





LED Tubes

LED tubes include LED intercanopy lighting, LED clone tube, LED UVA tube and vertical lighting bars.

Eco Tube

CHL01-20

Eco Tube can be used for complete replacement of florescent T5 fixtures or HPS/metal halide lights for inside vegging to grow moms, clones, or any starts in a completely controlled environment.

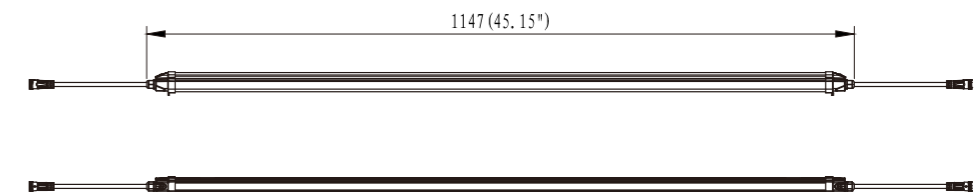
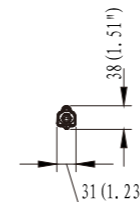


Key Features

- Simple and stylish, ultra slim design
- Linkable solution, save cable cost and installation cost, easy to connect light weight, easy maintenance in both transportation to meet your budget.



Product Dimensions



Product Specifications

System Efficacy

2.3 $\mu\text{mol}/\text{J}$

Dimming

No Dimming

Warranty

3 Years Warranty

IP Rating

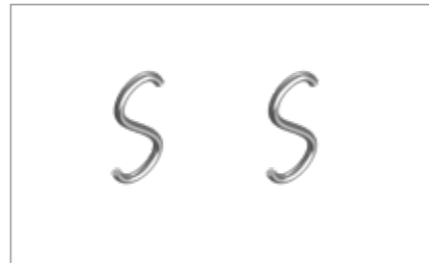
IP65

Item No	CHL01-20
Power	20 W
PAR Output	46 $\mu\text{mol}/\text{s}$
ePAR Output	47 $\mu\text{mol}/\text{s}$
AC Input Voltage	100-240 V AC, 50/60 Hz
Radiation Angle	120°
Net Weight	0.28 kg / 0.62 lbs
Gross Weight	10.6 kg / 21.3 lbs 30 pcs per carton
Dimensions	1147 x 31 x 38 mm (45.2" x 1.2" x 1.5")

Accessories



Ceiling Bracket



S Shaped Hook (optional)



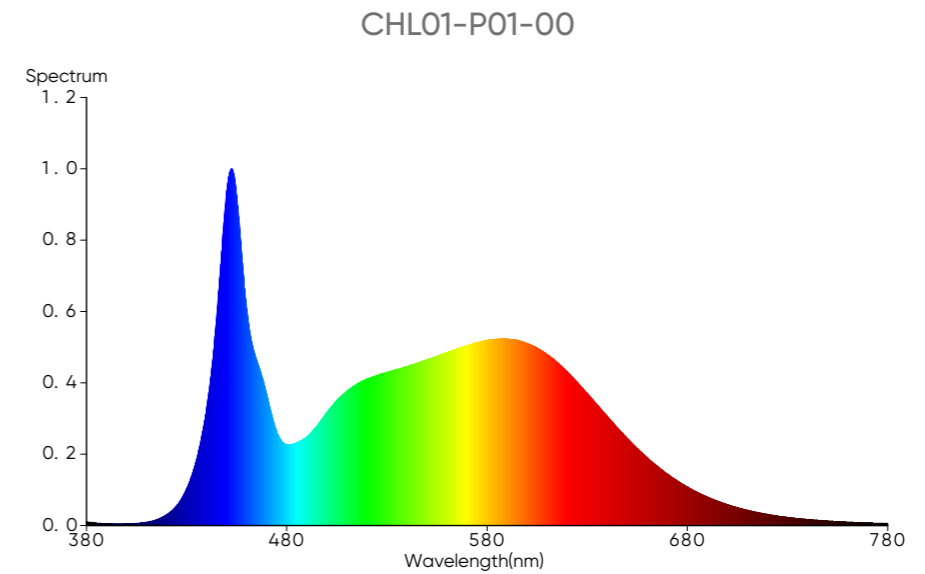
AC Cord 1.5m with EU Plug



M15 Waterproof Cap

Spectrum Solution

The spectrum is based on cooler (blue spectrum) white light, making it ideal for the vegetative and cloning stages of plant growth. The spectrum comes very close to natural daylight, truly simulating what plants have adapted to over many generations. It is especially well suited for seedling.





LED Panels

LED Panels are small pieces of boards that are lined up with LED chips. These chips are spread all over the boards, thus having the same power supply.

Horti-Drone

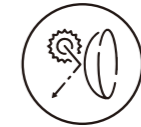
HL26-60/100/200/480

Horti-Drone is a new generation of quantum board grow light for home use. The innovative waterproof technology makes it stand out among the many household grow lights on the market.



Key Features

- Fine & Compact Design
- The light intensity can be adjusted by multi-mode dimming, such as button, RJ port with controller and 3.5mm TRS Jack.
- IP65 rated could operate in high humidity environments.



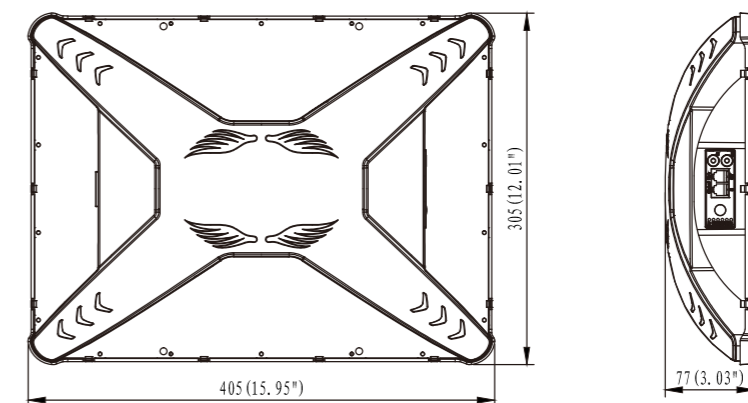
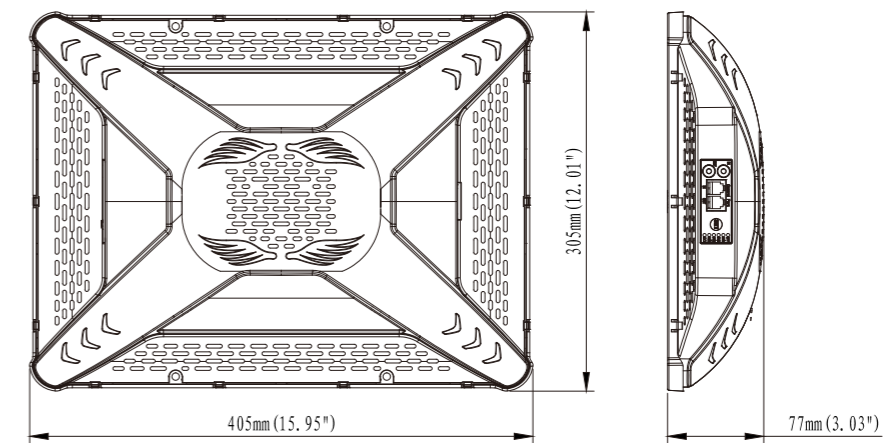
Lens cover



IP65



Product Dimensions



Product Specifications

System Efficacy

2.3 $\mu\text{mol}/\text{J}$

Dimming

0~10V Dimming

IP Rating

IP65

Warranty

3 Years Warranty

Certificate

ETL, CE, RoHs

Item No	HL26-60	HL26-100	HL26-200	HL26-480
Power	60 W	100 W	200 W	480 W
PAR Output	139 $\mu\text{mol}/\text{s}$	230 $\mu\text{mol}/\text{s}$	460 $\mu\text{mol}/\text{s}$	1008 $\mu\text{mol}/\text{s}$
ePAR Output	143 $\mu\text{mol}/\text{s}$	237 $\mu\text{mol}/\text{s}$	478 $\mu\text{mol}/\text{s}$	1026 $\mu\text{mol}/\text{s}$
AC Input Voltage	100-240 V AC / 100-277 V AC, 50/60 Hz			
Radiation Angle	100° x 100°			
Net Weight	1.97 kg / 4.33 lbs	1.97 kg / 4.33 lbs	1.97 kg / 4.33 lbs	2.85 kg / 6.27 lbs
Gross Weight	2.75 kg / 6.05 lbs	2.75 kg / 6.05 lbs	2.75 kg / 6.05 lbs	4 kg / 8.8 lbs
Dimensions	405 x 305 x 77 mm (15.95" x 12.01" x 3.03")			

Accessories



Ratchet Hanger Pulley Rope



C13 Power Cord

Spectrum Solution

This enhanced full spectrum produces the most ideal indoor artificial lighting for plants' flowering stage. The spectrum closely mimics the sunlight and can meet the needs of crops with both high and low DLI.

HL26-P02

