

DATA SHEET: GROW LIGHT - TRADITIONAL HIGH BAY SERIES

PRODUCT DESCRIPTION

This series is our premier product push for America & Canada market, many clients have given a good feedback these years, what're regarding low repair rate and high efficiency. High quality fans ensure the heat dissipation. Marijuana will grow better under the Full Spectrum LED Grow Lights, as well their yield will increase hugely. We recommend that Hydroponic growing systems can be simple affairs such as Wick or NFT or more complex indoor growing concepts like Sea of Green or Screen of Green or large grow systems, so our full spectrum LED lights is a smart choice for your plants.

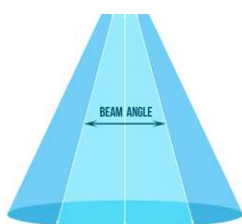
Our PATRIOT TRADITIONAL HIGH BAY GROW LIGHTS are backed with our industry-leading 100,000-hour rated lamp life and 10-year warranty. See Ordering Model table below for our BAA compliant products. Contact us for pricing or more information.

PRODUCT BENEFITS

- High power branded Epileds with high Par Value.
- Including special spectrum like IR (Infrared) to increase the yield.
- Passive heat sink and integrated driver.
- Energy Saving, environmental friendly.
- Full spectrum for different period of growth.
- Step dimming for different period of growth.
- On/off devices to make control much easier.
- Adjustable power consumption and lamination area.
- Much more convenient repair and replacement in the future.
- Long life LEDs lasting up to 100,000 hours.
- Limited Warranty: 5 year (10yrs optional).

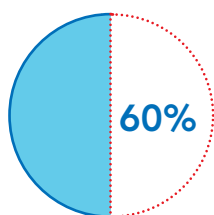


BEAM ANGLE



Patriot LED Light Distribution

CAN DECREASE ENERGY USAGE BY



vs. Similar Fluorescent Lamps

WARRANTY



Our Industry-Leading 10-Year Limited Warranty Guarantees Unsurpassed Quality

APPLICATIONS

- Hydroponics, Horticulture, Agriculture and Greenhouses.
- Locations: Farm, Exhibition, Garden, Home, Urban, Bonsai, and University Lab.
- Growth of Fruits, Vegetables, Flowers, Marijuana and so on.
- Seeding, Rooting, Breeding, Flowering and Fruiting period.



ORDERING MODEL

PATRIOT TUBE	HPS/HID REPLACE	WATTAGE	LIGHT SPECTRUM	HEIGH ABOVE PLANTS (M)	LUMENS	INPUT VOLTAGE	LIFESPAN
PT	300W	120W 240W 400W	Full Spectrum	0.4-2.5meter	6000	AC100-277V	100,000 hours
Product Code: Example							
PT-B120WBYZ							

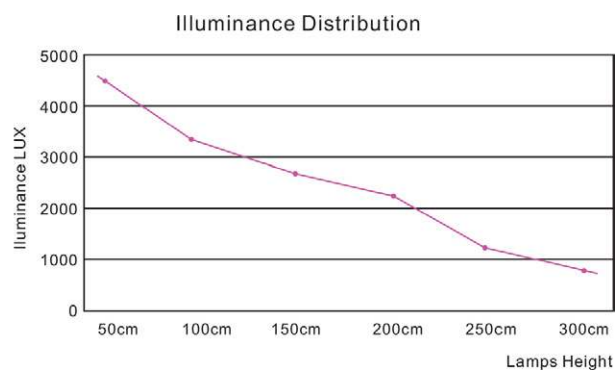
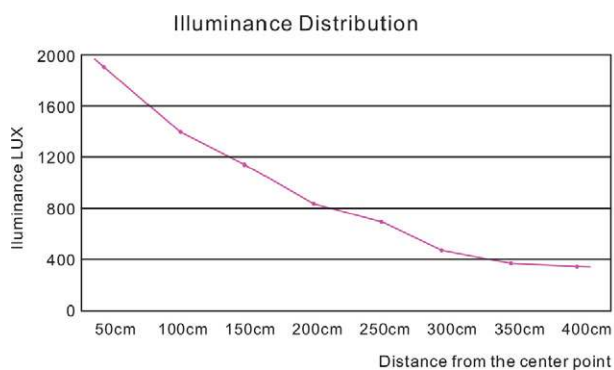
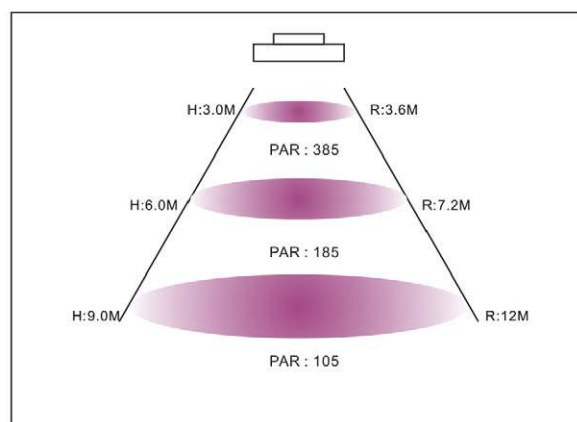
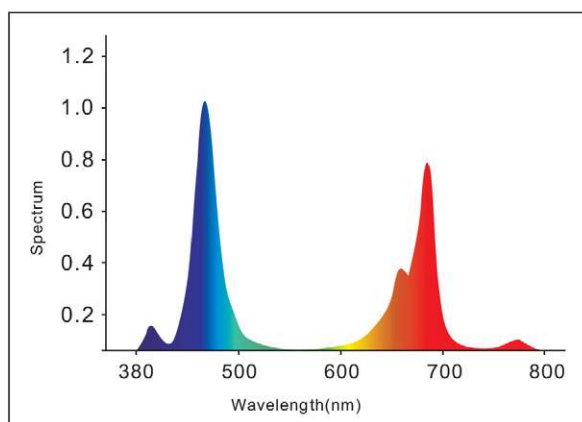
PRODUCT SPECIFICATION

Product No.	BAA/TAA Option*	Rated Lamp Wattage	Input Voltage	Rated Lumens	IP RATE	HPS/HID Replace	Rated life (hours)
GROW LIGHT - TRADITIONAL HIGH BAY SERIES							
PT-B120W BYZ	Yes	120W	AC100-277V	6000	IP40	300W	100,000 hours
PT-C240W BYZ	Yes	240W	AC100-277V	12000	IP40	300W	100,000 hours
PT-I400W BYZ	Yes	400W	AC100-277V	18000	IP40	300W	100,000 hours

PHYSICAL DATA

Product No.	Light Spectrum	Heigh Above Plants (m)	Certification
GROW LIGHT - TRADITIONAL HIGH BAY SERIES			
PT-B120W BYZ	Full Spectrum	0.5-1meter	UL and cUL listed
PT-C240W BYZ	Full Spectrum	0.5-1meter	UL and cUL listed
PT-I400W BYZ	Full Spectrum	0.5-1meter	UL and cUL listed

OPTICAL PARAMETERS



SPECTRUM



440nm Royal Blue



460nm Blue



525nm Green



625nm Red



660nm Deep Red



730nm Deep Red

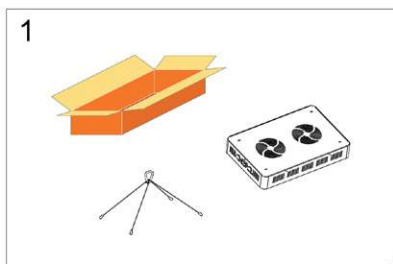
380nm to 800nm wavelength full spectrum. Our supplemental spectrum LED lights are perfect for plants, which want to supplement their existing lighting system.

INSTALLATION

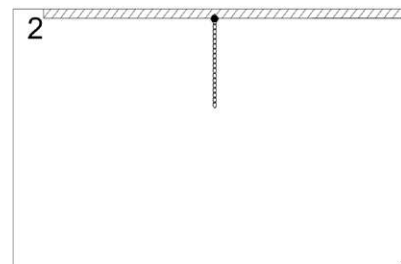
Our engineers focus on grow light development more than 5 years, so our installation method is always easy and fast. You even don't need a professional person to complete it.

⚠ WARNING
RISK OF FIRE, ELECTRIC SHOCK OR PERSONAL INJURY
 Before installation, turn power off.

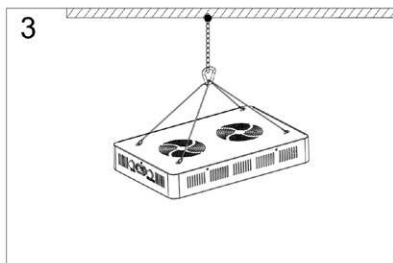
The specific steps of installation



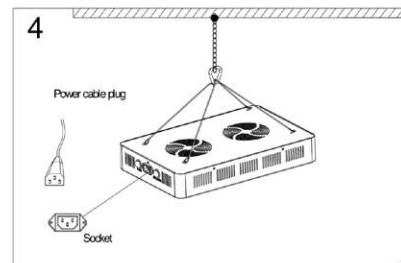
1. Take out the fixture and accessory from cartoon box.



2. Fix chain to the point of installation, make sure the point of installation can bear at least 50 Kg weight.



3. Install the hook across chain, adjust the high and level, let the light suitable for plants.



4. Match the power cable plug with socket, finally turn on the power to test luminaires.