

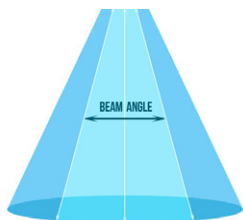
# DATA SHEET: GROW LIGHT - MULTIPLE LINEAR SERIES

## 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.
- Limited Warranty: 5 year (10yrs optional).
- Long life LEDs lasting up to 100,000 hours.

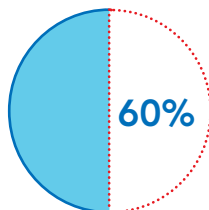


### BEAM ANGLE



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 Greenhouse.
- 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)	VOLTAGE	LIFE SPAN
PT	1000W 900W 800W 700W	520W 500W 450W 400W 350W	Full Spectrum	0.4-2.5meter	AC100-277V or AC200-480V	100,000 Hours
Product Code: Example						
Example: PT-K520W CYZ						

## PRODUCT SPECIFICATION

PRODUCT NO.	BAA/TAA OPTION*	RATED LAMP WATTAGE	INPUT VOLTAGE	HPS/HID REPLACE	LUMENS	RATED HOURS
<b>LED GROW LIGHT - MULTIPLE LINEAR SERIES</b>						
PT-K520W CYZ	Yes	520W	AC100-277V/200-480V	1000W	26000	100,000 hours
PT-K500W CYZ	Yes	500W	AC100-277V/200-480V		25000	100,000 hours
PT-K450W CYZ	Yes	450W	AC100-277V/200-480V	900W	22500	100,000 hours
PT-K400W CYZ	Yes	400W	AC100-277V/200-480V	800W	20000	100,000 hours
PT-K350W CYZ	Yes	350W	AC100-277V/200-480V	700W	17500	100,000 hours

## PHYSICAL DATA

PRODUCT NO.	LIGHT SPECTRUM	SIZE	HEIGH ABOVE PLANTS (M)	CERTIFICATION
<b>LED GROW LIGHT - MULTIPLE LINEAR SERIES</b>				
PT-K520W CYZ	Full Spectrum	23.6'x31.5'x3.1'	0.4-2.5meter	UL, cUL and Lighting Facts
PT-K500W CYZ	Full Spectrum	23.6'x31.5'x3.1'	0.4-2.5meter	UL, cUL and Lighting Facts
PT-K450W CYZ	Full Spectrum	23.6'x31.5'x3.1'	0.4-2.5meter	UL, cUL and Lighting Facts
PT-K400W CYZ	Full Spectrum	23.6'x31.5'x3.1'	0.4-2.5meter	UL, cUL and Lighting Facts
PT-K350W CYZ	Full Spectrum	23.6'x31.5'x3.1'	0.4-2.5meter	UL, cUL and Lighting Facts

## SPECTRUM



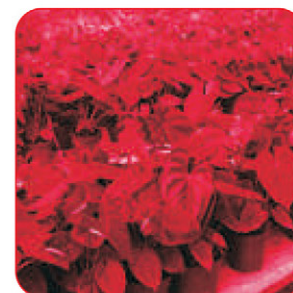
440nm Royal Blue



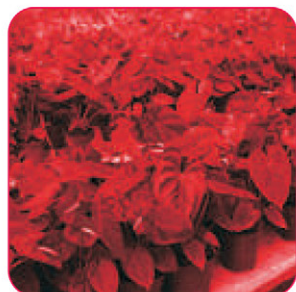
460nm Blue



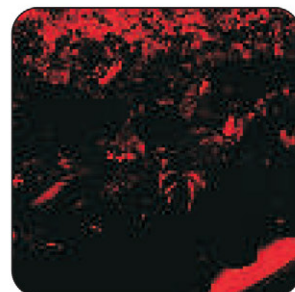
525nm Green



625nm Red



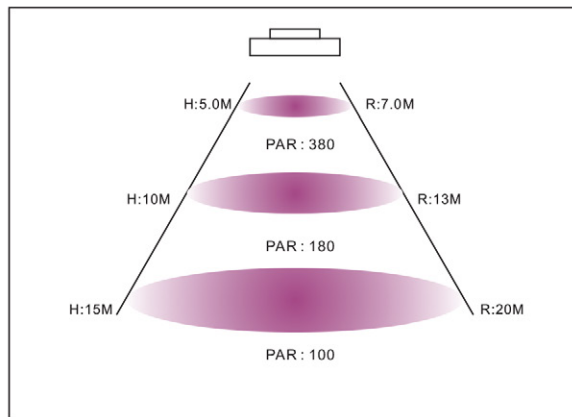
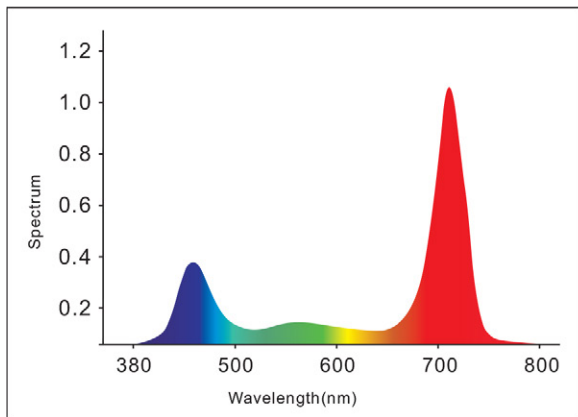
660nm Deep Red



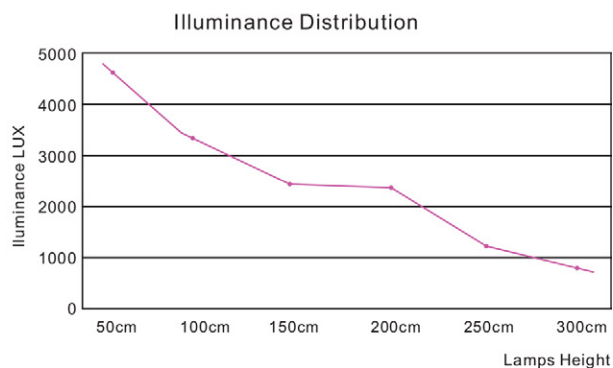
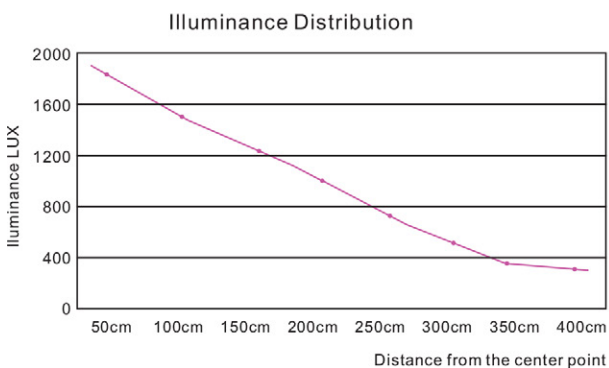
730nm Deep Red

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

### OPTICAL PARAMETERS



### OPTICAL PARAMETERS



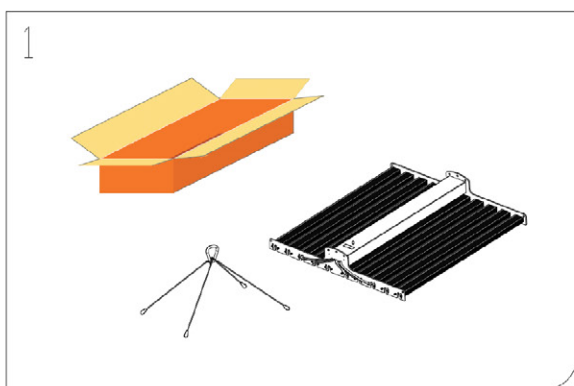
## INSTALLATION

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.

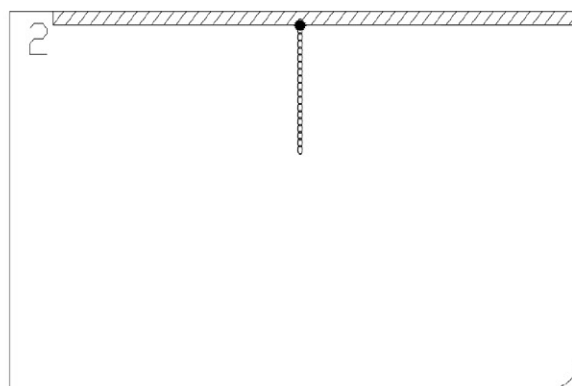
**⚠ WARNING**  
**RISK OF FIRE, ELECTRIC SHOCK OR PERSONAL INJURY**  
Before installation, turn power off.



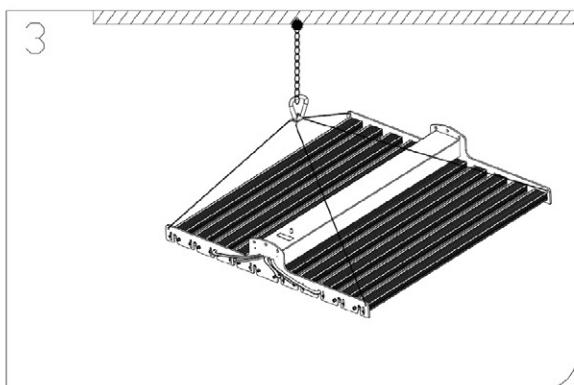
### The specific steps of installation



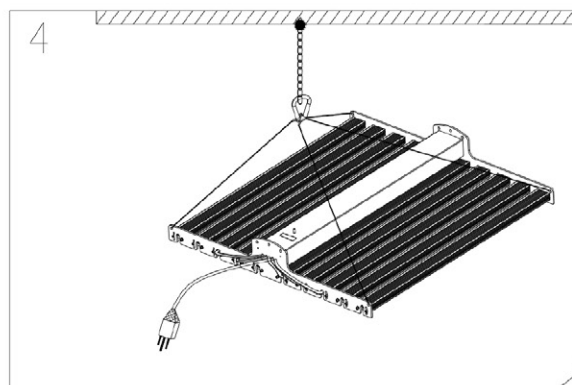
1. Take out the fixture and accessory from cartoon box.



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. Join the power cable plug, and turn on the power to test luminaires.