

PROJECT NAME:

PRODUCT NUMBER:

NOTES:

FIXTURE SCHEDULE:



## LED Grow Light - Smart Control System Series



### FEATURES

- On/off devices to make control much easier
- Step dimming for different period of growth
- Adjustable power consumption and lamination area
- Full spectrum for different period of growth
- 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
- Much more convenient repair and replacement in the future

### APPLICATION

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

### CERTIFICATIONS



### ORDERING MODEL

PATRIOT TUBE	LIGHT SPECTRUM	Heigh above plants (m)	VOLTAGE	WATTAGE	LUMENS	WORKING HOURS
PT	Full Spectrum	0.5-2.5meter	AC100-277V	300W 500W 650W	15000 to 32500	50000 hours
Product Code: example						
PT-A300W BYZ						

"A"=Product series "Y"=D or N:Dimmable or non-dimmable "Z"= CCT, from 2700~5000K

2106 Baltimore St. Defiance, OH 43512

Ph: (866) 258.0592, (312) 470-8058 | contact@alg-USA.com | www.patriotled.com

Rvs: 1.21.18

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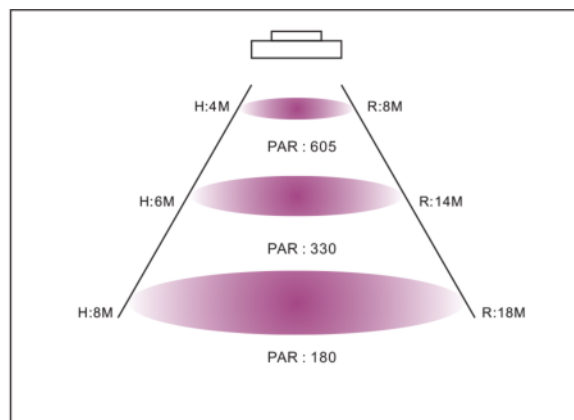
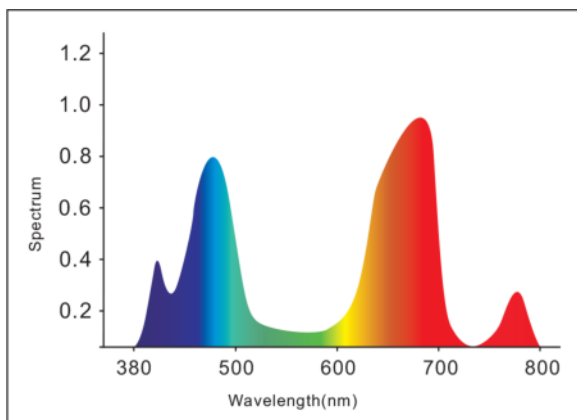


**PRODUCT SPECIFICATION**

ITEM	SPECIFICATION	
GENERAL PERFORMANCE	Model No.	PT-A300W BYZ
	Power Consumption	300W
	Life span	50000 hours
	Lumens	15000
ELECTRICAL	InPut Voltage	AC100-277V
	Light Spectrum	Full Spectrum
	HPS/HID Replace	800W
	Heigh above plants (m)	0.5-2.5meter
CERTIFICATION	Certification	UL and cUL listed
	Warranty	5 Years/10 Years Option

MODEL NO. WITH POWER CONSUMPTION			
Model	PT-A300W BYZ	PT-B500W BYZ	PT-C650W BYZ
Power	300W	500W	650W
Lumens	15000	25000	32500
HPS/HID Replace	800W	1200W	1500W

**OPTICAL PARAMETERS**



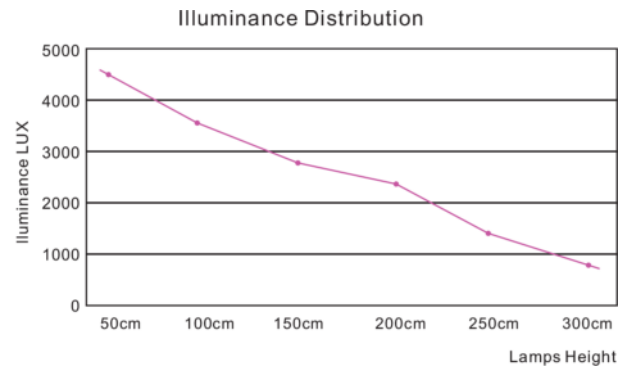
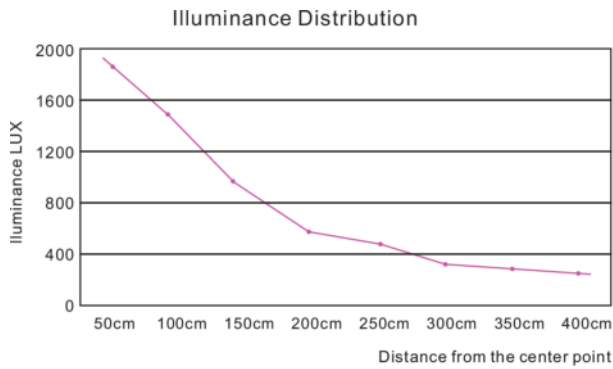
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OPTICAL PARAMETERS



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.

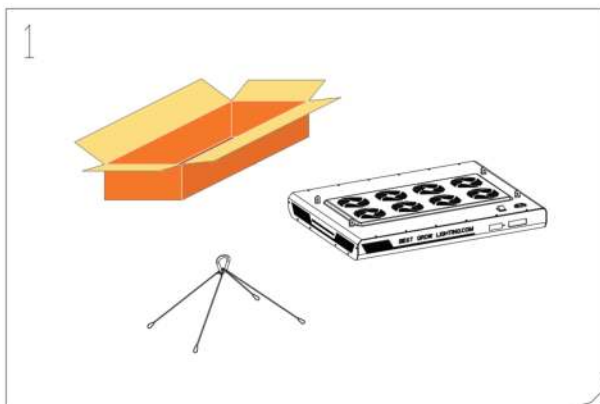


## INSTALLATION

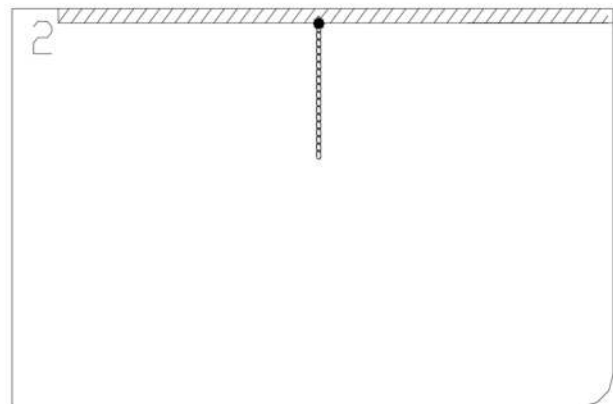
Our engineers focus on grow light development more than 5 years, so our installation method is always easy and fast. You even don't need a professional person to complete it.

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

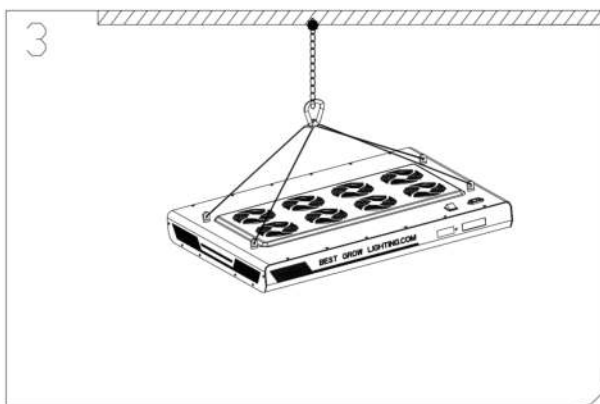
### The specific steps of installation



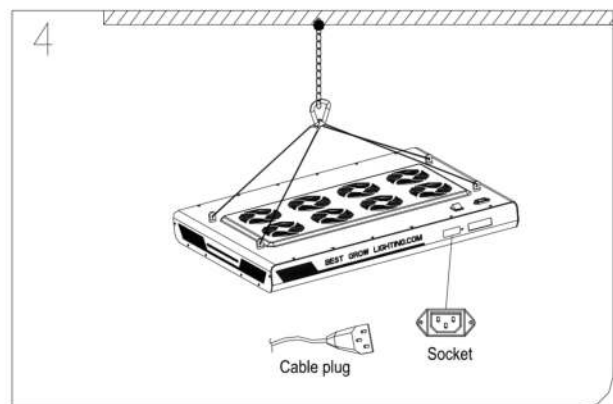
1. Take out the fixture and accessory from cartoon box.



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, and turn on the power to test luminaires.