

DATA SHEET: LED GROW LIGHT - T8 LINEAR INTEGRATED SERIES

Our LED tube turnover has achieved No. 1 in America during the past 8 years. Our products cover residential, commercial and industrial applications, based on the grace shape and excellent quality we won a nice reputation. Our grow series light is high efficiency and the classical product in this field, we cooperated with domestic university and experienced professors, more and more new customers test or purchased it.

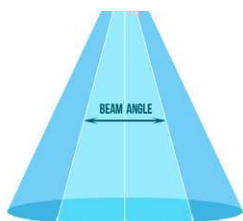
Our PATRIOT LED GROW LIGHTS T8 LINEAR INTEGRATED are ballast ready for easy installation and are backed with our industry-leading 100,000-hour rated lamp life and 10-year warranty. See Ordering Model table below for our BAA compliant products. Contact us for pricing or more information.

PRODUCT BENEFITS

- Most efficient for photosynthesis NEW Full spectrum.
- Building to Harvest, Beneficial for seeding to fruiting stage.
- Unique cool system, Less heat, More growth.
- Integrated driver and heat sink.
- Energy Saving, environmental friendly.
- New lens give more PAR value and deeper penetration.
- Limited Warranty: 5 year (10yrs optional).
- Long life LEDs lasting up to 100,000 hours.

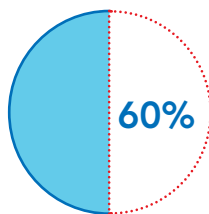


BEAM ANGLE



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.
- University Lab.
- Growth of Fruits.
- Vegetables and Flowers.
- Marijuana and so on Seeding.
- Rooting, Breeding.



ORDERING MODEL

PATRIOT TUBE	IP RATE	WATTAGE	LIGHT SPECTRUM	HEIGH ABOVE PLANTS (M)	FIXTURE TYPE	VOLTAGE	LIFE SPAN
PT	IP 40	10W,15W 20W,25W 30W, 40W	Red And White, Blue	0.4-2.5meter	T8	AC100-277V or AC200-480V	100,000 Hours
Product Code: Example							
Example: PT-T8-40W2400							

PRODUCT SPECIFICATION

PRODUCT NO.	BAA/TAA OPTION*	RATED LAMP WATTAGE	INPUT VOLTAGE	IP RATE	LUMENS	RATED LIFE (HOURS)
T8 LINEAR INTEGRATED SERIES						
PT-T8-10W600	Yes	10W	AC100-277V/200-480V	IP40	1750	Rating for more than 100,000 hours
PT-T8-15W900	Yes	15W	AC100-277V/200-480V	IP40	2000	Rating for more than 100,000 hours
PT-T8-20W1200	Yes	20W	AC100-277V/200-480V	IP40	2250	Rating for more than 100,000 hours
PT-T8-25W1500	Yes	25W	AC100-277V/200-480V	IP40	2500	Rating for more than 100,000 hours
PT-T8-30W1800	Yes	30W	AC100-277V/200-480V	IP40	3750	Rating for more than 100,000 hours
PT-T8-40W2400	Yes	40W	AC100-277V/200-480V	IP40	5,000	Rating for more than 100,000 hours

PHYSICAL DATA

PRODUCT NO.	LIGHT SPECTRUM	HEIGH ABOVE PLANTS (M)	CERTIFICATION
T8 LINEAR INTEGRATED SERIES			
PT-T8-10W1200	Red and White,Blue	0.4-2.5meter	UL Classified, NSF
PT-T8-15W1200	Red and White,Blue	0.4-2.5meter	UL Classified, NSF
PT-T8-20W1200	Red and White,Blue	0.4-2.5meter	UL Classified, NSF
PT-T8-25W1200	Red and White,Blue	0.4-2.5meter	UL Classified, NSF
PT-T8-30W1800	Red and White,Blue	0.4-2.5meter	UL Classified, NSF
PT-T8-40W2400	Red and White,Blue	0.4-2.5meter	UL Classified, NSF

SPECTRUM



440nm Royal Blue



460nm Blue



525nm Green



625nm Red



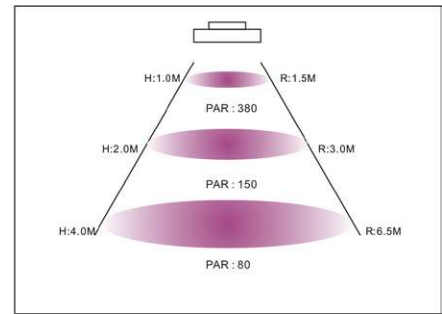
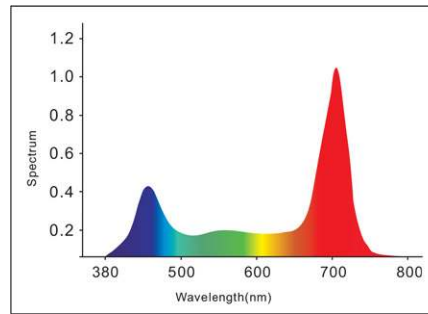
660nm Deep Red



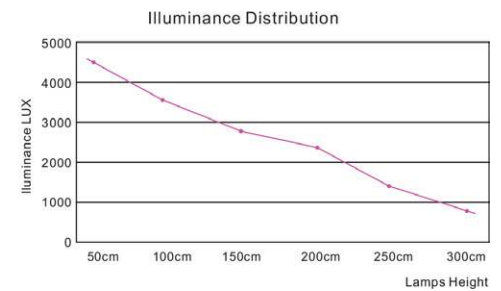
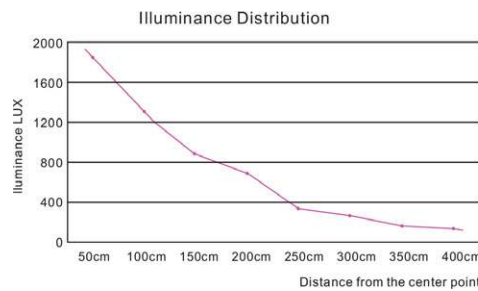
730nm Deep Red

Our supplemental spectrum LED lights are perfect for growers who want to supplement their existing lighting system.

OPTICAL PARAMETERS



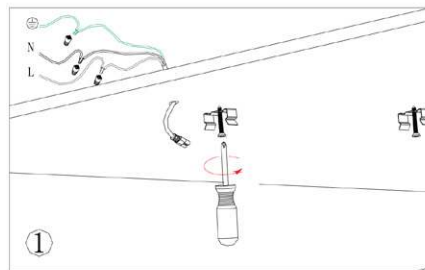
OPTICAL PARAMETERS



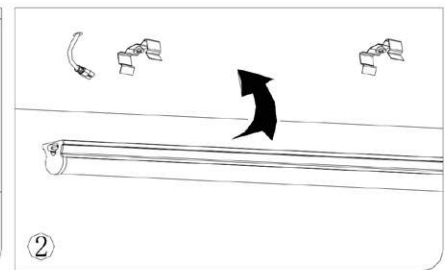
INSTALLATION

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.

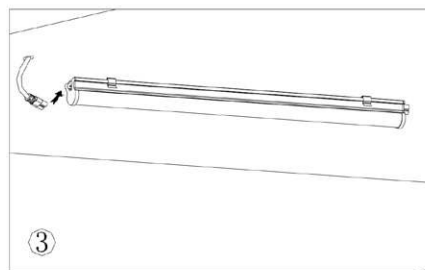
⚠ WARNING
RISK OF FIRE, ELECTRIC SHOCK OR PERSONAL INJURY
 Before installation, turn power off.



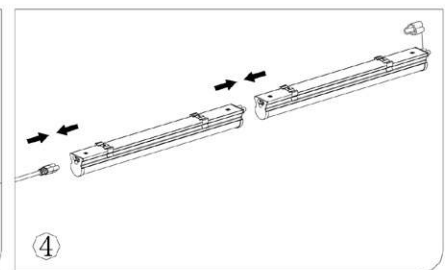
1. Fix power cable and clips on the shelf or ceiling.



2. Match and push tube to clips.



3. Connect the power cable with tube.



4. Connect tubes as per the indication arrow, if you would like to install more than 2 fixtures. (Silicone rubber end cap have to assemble in the last terminal)