

DATA SHEET: LED INDUSTRIAL CORN LIGHT - 125W

PRODUCT DESCRIPTION

Patriot LED CORN LIGHT BULBS are energy-efficient alternatives for traditional HID bulbs in fixtures such as wall packs, parking lot lights, and high-bay lights. This gives you all the power and longevity of LEDs while allowing you to maintain your current housing and wiring.

Our LED INDUSTRIAL CORN 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

- UL, cUL, DLC certificate.
- Input voltage 100-277Vac.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.
- Long life LEDs lasting up to 100,000 hours.
- Limited Warranty: 5 year (10yrs optional).

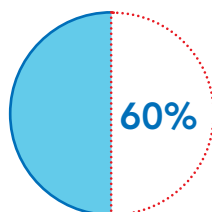


BEAM ANGLE



Patriot LED Light Distribution

CAN DECREASE ENERGY USAGE BY



vs. Similar Fluorescent Lamps

WARRANTY



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

TECHNICAL DATA

- Led Chip: 896 pieces of SMT 2835.
- Power Factor: More than 0.95.
- Efficiency: 120 lm/W.
- Certificates: UL, DLC, cUL, Lighting Facts.
- LED quantity: 896 PCS
- Color temperature (CCT): 2700K, 6500K



ORDERING MODEL

PATRIOT TUBE	CCT	CRI	VOLTAGE	WATTAGE	VIEWING ANGLE	WORKING HOURS
PT	2700K 6500K	>80	100-277Vac 50/60Hz	125W	270°	100,000 hours
Product Code: Example						
PT-CHB01-125W						

Note: The Letter Y in P/N stands for Lamp base type, "-E" for E26 lamp base, "-EX" for EX26 lamp base.

PRODUCT SPECIFICATION

Product No.	BAA/TAA Option*	Rated Lamp Wattage	Input Voltage	Color Temp (K)	Rated Lumens	Power Efficiency	CRI	Rated Life (Hours)	Operation Temp	Storage Temperature	Storage Humidity	Operating Humidity
LED Industrial Corn Light - 125W												
PT-CHB01-125W	Yes	125W	100-277V AC50/60Hz	2700K/6500K	13400 - 15000LM	>90%	>80	100,000hrs	-20°C to 40°C	-30° TO 80°	10%-95% RH	20%-90% RH

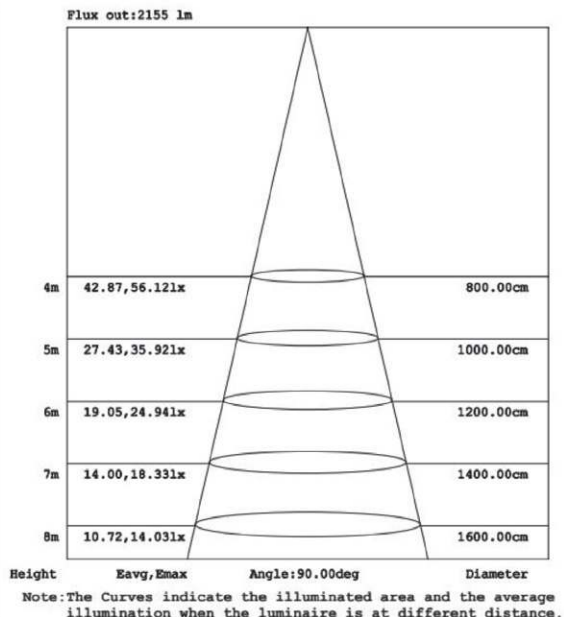
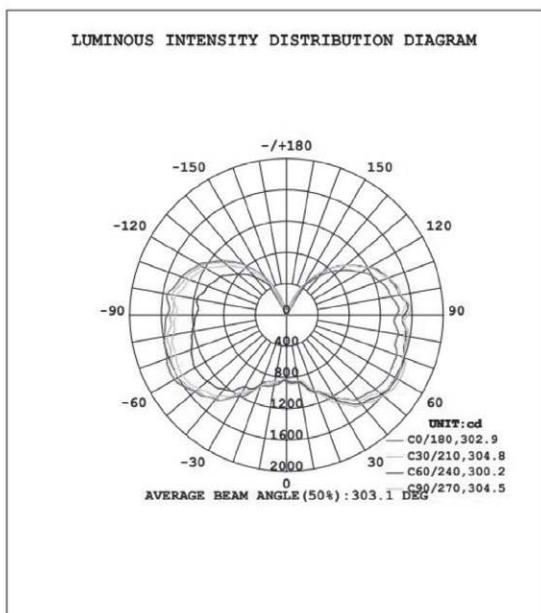
PHYSICAL DATA

Product No.	Lamp Base	Light Type	LED Type	Cover	Waterproof Rating	LED QTY	Certification	Housing	Housing Color	Application	Weight
PT-CHB01-125W	E26/EX26	Industrial Corn Light	SMD2835	Clear	WET (IP64)	896 PCS	UL, DLC, cUL, Lighting Facts	Al+PC	Silver	Indoor/Outdoor	2,100g

TECHNICAL DATA SHEET

Remark: The testing data comes from the product in luminaires

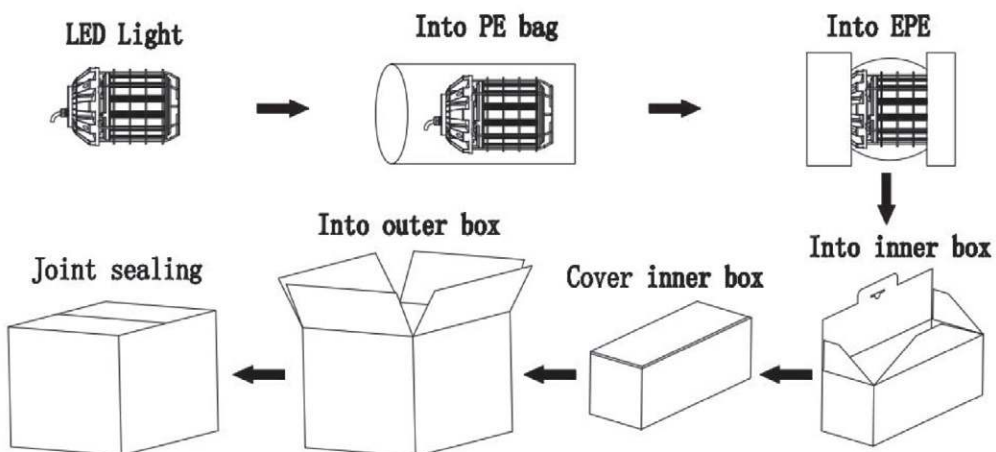
DATA OF LAMP		PHOTOMETRIC DATA Eff: 136.01 lm/W			
MODEL		Imax (cd)	1674	S/MH (C0/180)	2.31
NOMINAL POWER (W)	120	LOR (%)	229.0	S/MH (C90/270)	2.31
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	15032	η UP, DN (C0-180)	49.0, 67.4
NOMINAL FLUX (lm)	6564.6	CIE CLASS	DIFFUSE	η UP, DN (C180-360)	47.5, 65.1
LAMPS INSIDE	1	η up (%)	96.5	CIBSE SHR NOM	2.00
TEST VOLTAGE (V)	120	η down (%)	132.5	CIBSE SHR MAX	0.00



PACKAGE

Lamps Net Weight: 2.4 kg / pcs

	Size	Qty/Carton	Weight/Carton
Outer box	435 x 435 x 345 mm	4	16 kg



Notice For User

- ◆ Please turn off power before install or change assembly parts.
- ◆ The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- ◆ No-professionals, must not install and disassemble the lamps.

Trouble Shootings

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies
Out of working	Please check the connection