

# DATA SHEET: DIMM HO T8 LED TUBE (TRIAC DIMMABLE)

The Patriot DIMM HO T8 LED tube can dramatically reduce energy usage up to 60% providing significantly lower operating costs. Proudly assembled in USA. Buy American Act (BAA) Compliant.

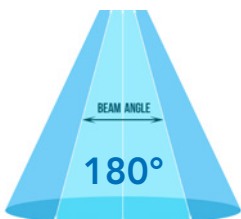
Our DIMM HO T8 LED tubes are easy for installation and are backed with our industry-leading 100,000-hour rated lamp life and 10-year warranty. See Ordering Model table below for our BAA compliant products. Contact us for pricing or more information.

## PRODUCT BENEFITS

- Pretty and elegant appearance, patented product.
- Directly install on the existing T8 fixture.
- Triac Dimming 120-277V.
- G13 fixed or rotating end cap is available.
- 6063 Aluminum housing, PC cover, long lifespan.
- Mainly used in factories, supermarkets, carparks, hospitals and schools.
- UL, ETL approved.
- Rated Life: 100,000 hr.
- Limited Warranty: 5 year (10 year optional).

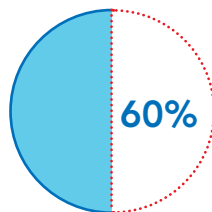


### BEAM ANGLE



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

- Efficacy: 180lm/w, 170lm/w, 140lm/w, 120lm/w
- Input Voltage: AC100-240V 50/60Hz
- Power: 9W~40W
- Color temperature: 3500K, 4000K, 5000K, 6000K
- Color Rendering Index: >80
- Power Factor: >0.95
- Working Temperature: -20~45°C
- Storage Temp: -40~80°C
- Environment Humidity: <95%
- LED Type: SMD2835

## ORDERING MODEL

PATRIOT TUBE	TUBE TYPE	LENGTH	WATTAGE	CCT
PT	DGA00	2FT	09W	3500K 4000K 5000K 6000K
		3FT	12W	
		4FT	18W	
		5FT	20W	
		8FT	25W	
		8FT	30W	
Product Code: example				
PT-SL-DGA00-209WT-G8-H				



\*Remarks: 3000K ,4000K available, Only change "W" to "N", "L" in Model No.

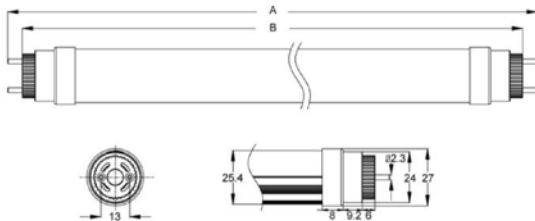
## PRODUCT SPECIFICATION

Product No.	BAA/TAA Option	Length	Rated Lamp Wattage	Lumen (lm)	Input Voltage	Color	Beam Angle	Rated Life (Hours)	Working Temp.	Storage Temp	Env. Humidity	LED TYPE
<b>DIMM HO T8 LED TUBE</b>												
PT-DGA00-209WT-G8-H	Yes	2FT	9W	1575	AC100-240V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~45°C	-40~80°C	<95%	SMD2835
PT-DGA00-312WT-G8-H	Yes	3FT	12W	2100	AC100-240V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~45°C	-40~80°C	<95%	SMD2835
PT-DGA00-418WT-G8-H	Yes	4FT	18W	3150	AC100-240V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~45°C	-40~80°C	<95%	SMD2835
PT-DGA00-420WT-G8-H	Yes	4FT	20W	3500	AC100-240V 50/60Hz	3000K - 4000K 5000K - 6000K	180°	100,000	-20~45°C	-40~80°C	<95%	SMD2835
PT-DGA00-520WT-G8-H	Yes	5FT	20W	3500	AC100-240V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~45°C	-40~80°C	<95%	SMD2835
PT-DGA00-525WT-G8-H	Yes	5FT	25W	4375	AC100-240V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~45°C	-40~80°C	<95%	SMD2835
PT-DGA00-530WT-G8-H	Yes	5FT	30W	5250	AC100-240V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~45°C	-40~80°C	<95%	SMD2835
SL-DGA00-840WT-G8-H	Yes	8FT	40W	7000	AC100-240V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~45°C	-40~80°C	<95%	SMD2835

## PHYSICAL DATA

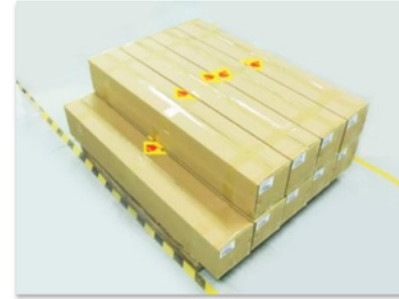
Product No.	Size(mm)	Carton Size(cm)	GW/25PCS	Certification
<b>DIMM HO T8 LED TUBE</b>				
PT-DGA00-209WT-G8-H	φ26*L548	L66*W22*H22	5.3kg	UL,cUL,DLC V4.2 and Lighting Facts
PT-DGA00-312WT-G8-H	φ26*L898	L96*W19*H22	6.4kg	UL,cUL,DLC V4.2 and Lighting Facts
PT-DGA00-418WT-G8-H	φ26*L1198	L126*W22*H22	11.8kg	UL,cUL,DLC V4.2 and Lighting Facts
PT-DGA00-420WT-G8-H	φ26*L1198	L120*W19*H12	11.8kg	UL,cUL,DLC V4.2 and Lighting Facts
PT-DGA00-520WT-G8-H	φ26*L1498	L156*W22*H22	14.8kg	UL,cUL,DLC V4.2 and Lighting Facts
PT-DGA00-525WT-G8-H	φ26*L1498	L156*W22*H22	14.8kg	UL,cUL,DLC V4.2 and Lighting Facts
PT-DGA00-530WT-G8-H	φ26*L1498	L156*W22*H22	14.8kg	UL,cUL,DLC V4.2 and Lighting Facts
SL-DGA00-840WT-G8-H	φ26*L2398	L246*W22*H22	18.8kg	UL,cUL,DLC V4.2 and Lighting Facts

## DRAWING OF PRODUCTS

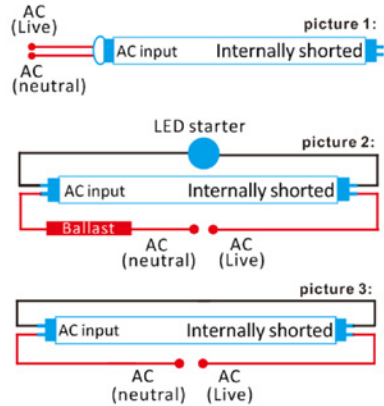


	2feet	3feet	4feet	5feet
	588mm	894mm	1198mm	1498mm
<b>A</b>	602mm	908mm	1212mm	1512mm
<b>B</b>	588mm	894mm	1198mm	1498mm

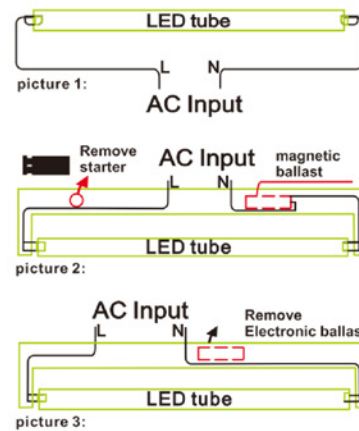
**PACKAGE**



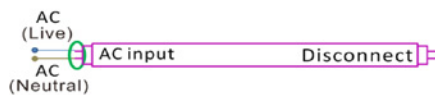
**WIRING DRAWINGS**



**A. Single power input, the other end connected, with LED starter**



**B. Power input from both ends**



**C. Single power input, the other end disconnected, without LED starter**