

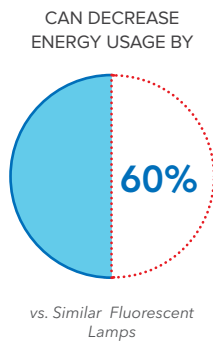
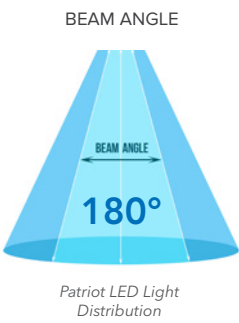
DATA SHEET: HO T8 LED TUBE (Type A+B: Type A Plug & Play, Type B by pass only)

The Patriot 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 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.
- G13 fixed or rotating end cap is available.
- 6063 Aluminium shell, PC cover, long lifespan.
- Mainly used in factories, supermarkets, carparks, hospitals and schools.
- Rated Life: 100,000 hr.
- Limited Warranty: 5 year (10 year optional).



TECHNICAL DATA

- Input Voltage: AC100 -277 V 50/60Hz
- Power: 9W - 18 W
- Color temperature: 3500K, 4000K, 5000K, 6000K
- Color Rendering Index: >80
- Power Factor: >0.95
- Working Temperature: -20~40°C
- Storage Temp: -40~80°C
- Environment Humidity: <95%

ORDERING MODEL

PATRIOT TUBE	TUBE TYPE	LENGTH	WATTAGE	CCT
PT	DGA00	2FT 4FT	09W	3500K
			10W	4000K
			15W	5000K
			18W	6000K
Product Code: example				
PT-DGA00-209WT-G8-H				



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

PRODUCT SPECIFICATION

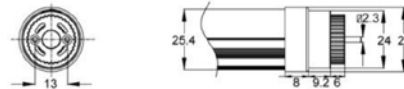
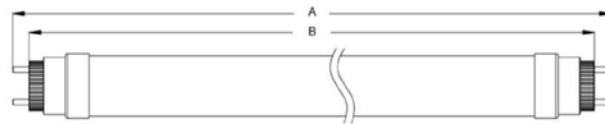
Product No.	BAA/ TAA Option	Length	Clear Cover	Frosted Cover	Rated Lamp Wattage	Lumen (lm)	Input Voltage	Color	Beam Angle	Rated Life (Hours)	Working Temp.	Storage Temp	Env. Humidity
HO T8 LED Tube - 180 lm/w													
PT-DGA00-209WT-G8-H	Yes	2FT	180lm/W	175lm/w	9W	1575	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-410WT-G8-H	Yes	4FT	180lm/W	175lm/w	10W	1750	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-415WT-G8-H	Yes	4FT	180lm/W	175lm/w	15W	2625	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-418WT-G8-H	Yes	4FT	180lm/W	175lm/w	18W	3150	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-209WT-D8-H	Yes	2FT	180lm/W	175lm/w	9W	1620	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-410WT-D8-H	Yes	4FT	180lm/W	175lm/w	10W	1800	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-415WT-D8-H	Yes	4FT	180lm/W	175lm/w	15W	2700	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-418WT-D8-H	Yes	4FT	180lm/W	175lm/w	18W	3240	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
HO T8 LED Tube - 170 lm/w													
PT-DGA00-209WT-G8-H	Yes	2FT	170lm/w	160lm/W	9W	1440	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-410WT-G8-H	Yes	4FT	170lm/w	160lm/W	10W	1600	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-415WT-G8-H	Yes	4FT	170lm/w	160lm/W	15W	2400	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-418WT-G8-H	Yes	4FT	170lm/w	160lm/W	18W	2880	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-209WT-D8-H	Yes	2FT	170lm/w	160lm/W	9W	1530	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-410WT-D8-H	Yes	4FT	170lm/w	160lm/W	10W	1700	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-415WT-D8-H	Yes	4FT	170lm/w	160lm/W	15W	2550	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-418WT-D8-H	Yes	4FT	170lm/w	160lm/W	18W	3060	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
HO T8 LED Tube - 140 lm/w													
PT-DGA00-209WT-G8-H	Yes	2FT	140lm/W	130lm/W	9W	1170	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-410WT-G8-H	Yes	4FT	140lm/W	130lm/W	10W	1300	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-415WT-G8-H	Yes	4FT	140lm/W	130lm/W	15W	1950	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-418WT-G8-H	Yes	4FT	140lm/W	130lm/W	18W	2340	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-209WT-D8-H	Yes	2FT	140lm/W	130lm/W	9W	1260	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-410WT-D8-H	Yes	4FT	140lm/W	130lm/W	10W	1400	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-415WT-D8-H	Yes	4FT	140lm/W	130lm/W	15W	2100	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-418WT-D8-H	Yes	4FT	140lm/W	130lm/W	18W	2520	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%

PRODUCT SPECIFICATION

Product No.	BAA/TAA Option	Length	Clear Cover	Frosted Cover	Rated Lamp Wattage	Lumen (lm)	Input Voltage	Color	Beam Angle	Rated Life (Hours)	Working Temp.	Storage Temp	Env. Humidity
HO T8 LED Tube -110 lm/w													
PT-DGA00-209WT-G8-H	Yes	2FT	110lm/W	120lm/w	9W	990	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-410WT-G8-H	Yes	4FT	110lm/W	120lm/w	10W	1100	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-415WT-G8-H	Yes	4FT	110lm/W	120lm/w	15W	1650	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-418WT-G8-H	Yes	4FT	110lm/W	120lm/w	18W	1980	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-209WT-D8-H	Yes	2FT	110lm/W	120lm/w	9W	990	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-410WT-D8-H	Yes	4FT	110lm/W	120lm/w	10W	1100	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-415WT-D8-H	Yes	4FT	110lm/W	120lm/w	15W	1650	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%
PT-DGA00-418WT-D8-H	Yes	4FT	110lm/W	120lm/w	18W	1980	AC100-277V 50/60Hz	3500K - 4000K 5000K - 6000K	180°	100,000	-20~40°C	-40~80°C	<95%

PHYSICAL DATA

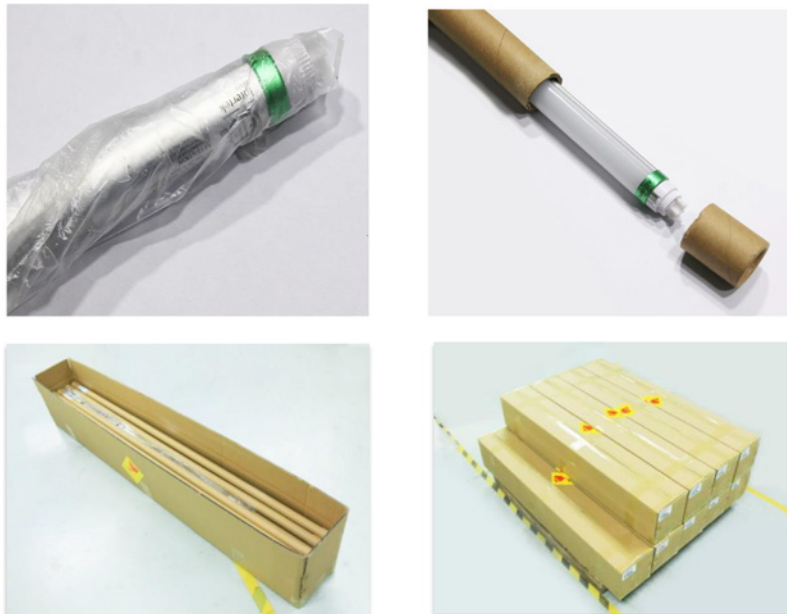
Product No.	Length	Size(mm)	Carton Size(cm)	GW/25PCS	Certification
HO T8 LED Tube					
PT-DGA00-209WT-G8-H	2FT	φ26*L548	L66*W22*H22	7.6kg	UL,cUL,DLC V4.2 and Lighting Facts
PT-DGA00-410WT-G8-H	4FT	φ26*L1198	L126*W22*H22	11.8kg	UL,cUL,DLC V4.2 and Lighting Facts
PT-DGA00-415WT-G8-H	4FT	φ26*L1198	L126*W22*H22	11.8kg	UL,cUL,DLC V4.2 and Lighting Facts
PT-DGA00-418WT-G8-H	4FT	φ26*L1198	L126*W22*H22	11.8kg	UL,cUL,DLC V4.2 and Lighting Facts
PT-DGA00-209WT-D8-H	2FT	φ26*L548	L66*W22*H22	7.6kg	UL,cUL,DLC V4.2 and Lighting Facts
PT-DGA00-410WT-D8-H	4FT	φ26*L1198	L126*W22*H22	11.8kg	UL,cUL,DLC V4.2 and Lighting Facts
PT-DGA00-415WT-D8-H	4FT	φ26*L1198	L126*W22*H22	11.8kg	UL,cUL,DLC V4.2 and Lighting Facts
PT-DGA00-418WT-D8-H	4FT	φ26*L1198	L126*W22*H22	11.8kg	UL,cUL,DLC V4.2 and Lighting Facts



DRAWING OF PRODUCTS

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

PACKAGE

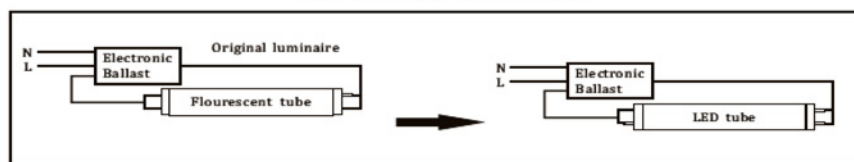


INSTALLATION

(1) Compatible with Ballast

1. Turn off the electricity supply before installation.
2. Make sure the circuit is as following. Please follow the illustrated steps to revise the circuit as follow

Take with Electronic Ballast

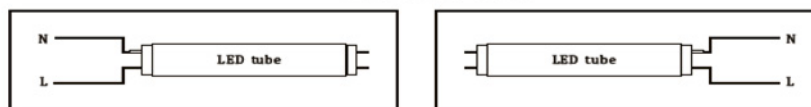


3. install the LED tubes in standard medium bi-pin lamp holder.
4. "After modification completes, then affix the Lamping Replacement Marking label and cautionary label, located this where visible during re-lamping on the retrofitted luminaire."

(2) Direct line voltage(AC INPUT)

1. Turn off the electricity supply before installation.
2. Make sure the circuit is as following. Please follow the illustrated steps to revise the circuit as follow

Either single-ended



3. install the LED tubes in standard medium bi-pin lamp holder.
4. "After modification completes, then affix the Lamping Replacement Marking label and cautionary label, located this where visible during re-lamping on the retrofitted luminaire."