

Project Name:	Notes:	Date:	Type:
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**HYBRID**

Portor's 4FT T8 Hybrid (A+B) LED Tube – the ultimate 15-in-1 lighting solution designed for maximum compatibility and versatility. This innovative tube supports both double-ended and single-ended power input, making it fully compatible with electronic ballasts, dimming ballasts, and emergency ballasts. With a built-in switch on the end cap, you can easily adjust the CCT (Correlated Color Temperature) to suit your needs. Plus, its shatterproof design ensures enhanced safety and durability.



**CONSTRUCTION**

High-quality glass lens diffuser with PET coating (shatter-proof).  
100% Mercury Free and 100% Lead Free.

**ELECTRICAL**

Hybrid Type A (with ballast) + Type B (ballast removal) AC line input.  
Luminaire is built with the highest quality 120- 277V internal drivers.

**RETROFIT EASILY**

Plug-n-play or by-pass the ballast with our easy 4' LED T8 tube retrofit. Our Hybrid produces uniform light output that is consistent from end-to-end.  
Direct replacement of 32W-T8 4ft fluorescent lamp.

**DIMMING**

0-10V dimmable

**LISTING**

DLC Listed, UL Listed, NSF, FCC, RoHS

**TECHNICAL SPECIFICATION**

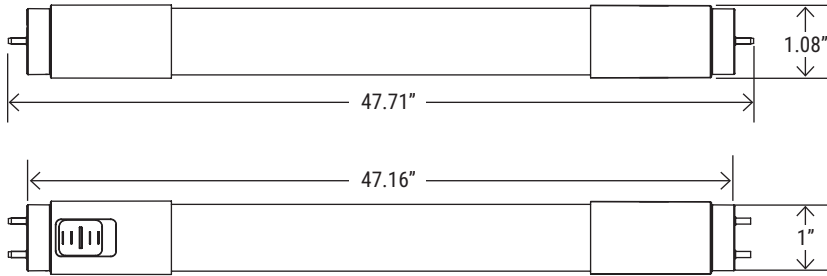
WATTAGE	18W
VOLTAGE	120V-277V, 50/60 Hz
END CAP	G13
CCT	3000K/3500K/4000K/5000K/6500K
CRI	80
BEAM ANGLE/BEAM SPREAD	220°/ 320°
LENS TYPE	Glass Lens/Frosted
WORKING TEMP.	-4°F ~ 113°F
STORAGE TEMP.	-4°F ~ 140°F
IP RATING	IP40 Suitable for damp locations
DIMMABLE	0-10V dimmable
POWER FACTOR	>0.9
LIFETIME	50,000 hours
WARRANTY	5 year limited



CATALOG NUMBER	WATTAGE	CCT	DELIVERED LUMENS	EFFICACY
PT-T8-4FAB-18W-5CCT-3	18W	3000K	2219	125 lm/W
		3500K	2377	
		4000K	2447	
		5000K	2470	
		6500K	2347	

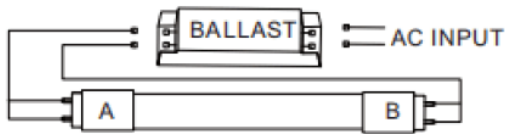
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## DIMENSION



## INSTALLATION DIAGRAM

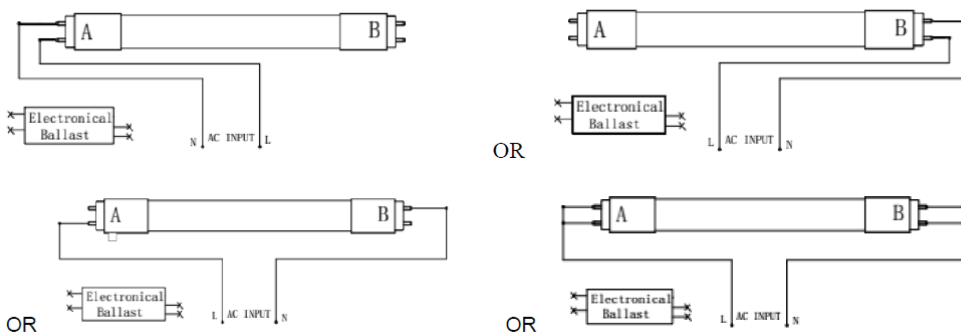
**TYPE A** (Ballast compatible) - Assembly introduction:



**Ballast Compatible**

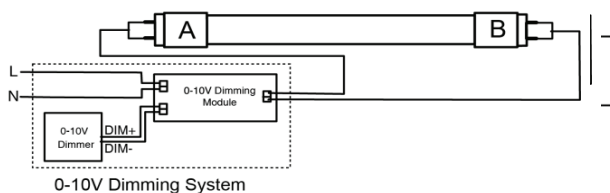
**TYPE B** (AC directly, double end or single end ballast bypass) - Assembly introduction:

**Case 1: Direct AC wiring diagram without dimming**



**Voltage Input AC120-277V 50/60Hz**

**Case 2: Direct AC wiring diagram with 0-10V dimming system**



**Voltage Input AC120-277V 50/60Hz**

1. Switch off power
2. Remove fluorescent tube
3. Follow wiring instructions
4. Install LED tube
5. Switch on power