Double Capped T8 LED Straight Tube (Type A+B)

DESCRIPTION

The **JLS-T8 Single CCT LED Tube** is a Type A+B hybrid lamp designed to replace traditional T8 fluorescent tubes. It supports ballast-compatible and ballast-bypass installations with single-ended or double-ended wiring. Featuring 120–277Vac operation, CRI >80, dimming capability, and shatterproof construction, it delivers reliable performance with a 50,000-hour rated lifetime and Standard 5 years warranty, optional 10 years.

FEATURES

- **Type A+B Hybrid Design:** Supports both ballast-compatible (Type A) and direct AC ballast-bypass (Type B) installations.
- **Flexible Power Input:** Supports both single-ended and double-ended power connections.
- **Single CCT:** Fixed color temperature for consistent illumination.
- **Shatterproof Design:** Glass tube with protective PET coating.
- **Simplified Inventory Management:** Hybrid Type A+B design helps reduce the number of SKUs required.
- **Long Service Life:** Rated lifetime of 50,000 hours.
- Standard **5** years warranty, optional **10** years.



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DLC QPL LISTED
FC 2011030312 YEC-3
NSF
RoHS Compliant

Revised 11/17/2026

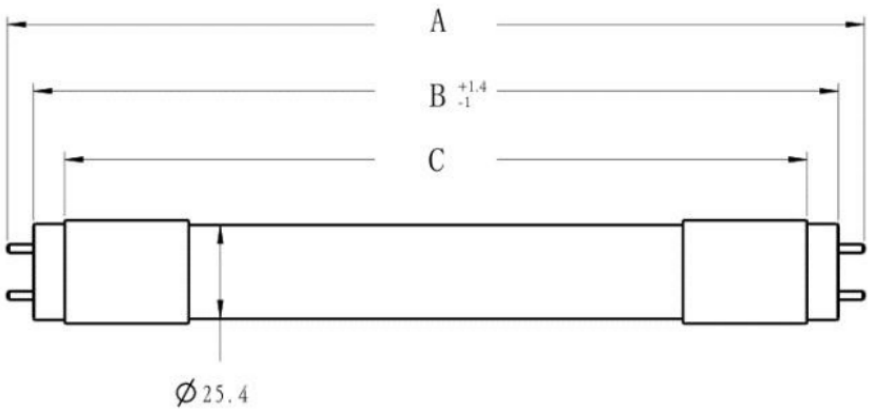
Specifications are typical values and may change without notification

efficiency. illuminated.

JAYKAL
efficiency. illuminated

T8 LED Tube (Type A+B)

SPECIFICATIONS			
POWER	9W	10.5W	12W
EFFICEINCY	178 lm/W	160 lm/W	150 lm/W
Body	Glass with PET coating		
End Cap	G13		
Lens	Frosted		
Input Voltage	120-277Vac,50/60hz		
Power Factor	0.9		
CCT	3000K/3500K/4000K/5000K		
CRI	Ra>80		
Dimming	Work with Dimming Driver		
Beam Angle	200°		
Beam Spread	320°		
Lifetime	50,000 Hours		
Warranty	5-years warranty,10-years optional		
Environmental Requirements	Operation Temp: -4 ^{0}F~113^{0} F (-20℃~45℃) Storage Temp: -4 ^{0}F~140 ^{0}F(-20℃~60℃) Relative Humidity: 45%-85% Non-corrosive environments		
Size	**2 ft**	**3 ft**	**4 ft**
	A: 603.0 mm **B**:589.0 mm **C**: 572.0 mm **D**:25.4 mm	**A**: 908.0 mm **B**:894.0 mm **C**: 877.0 mm **D**:25.4 mm	**A**: 1212.0 mm **B**:1198.0 mm **C**: 1181.0 mm **D**:25.4 mm



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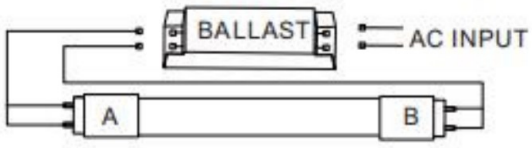
T8 LED Tube (Type A+B)

ORDERING GUIDE

MODEL	-	LENGTH	-	CCT	-	WATTS	-	TYPE	-	DRIVER
JLS		**2** = 2 Foot **3** = 3 Foot **4** = 4 Foot		**830K** = 3000K **835K** = 3500K **840K** = 4000K **850K** = 5000K		**9** = 9W **10.5** = 10.5W **12** = 12W		**AB** = Type A + B tube.		**10** = 0-10V Dimming

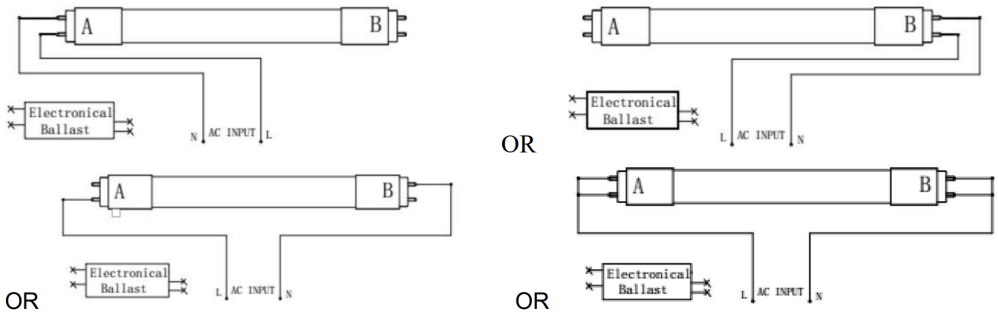
WIRING DIAGRAMS

TYPE A (Ballast compatible) - Assembly introduction:



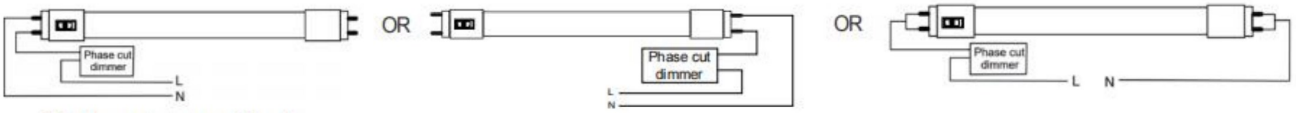
Ballast Compatible

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



Single-ended power input　　Single-ended power input　　Double-ended power input

Voltage Input：AC120-277V 50/60Hz