



JAYKAL
efficiency. illuminated

TYPE B T8 LAMPS

• 0-10V Dimming

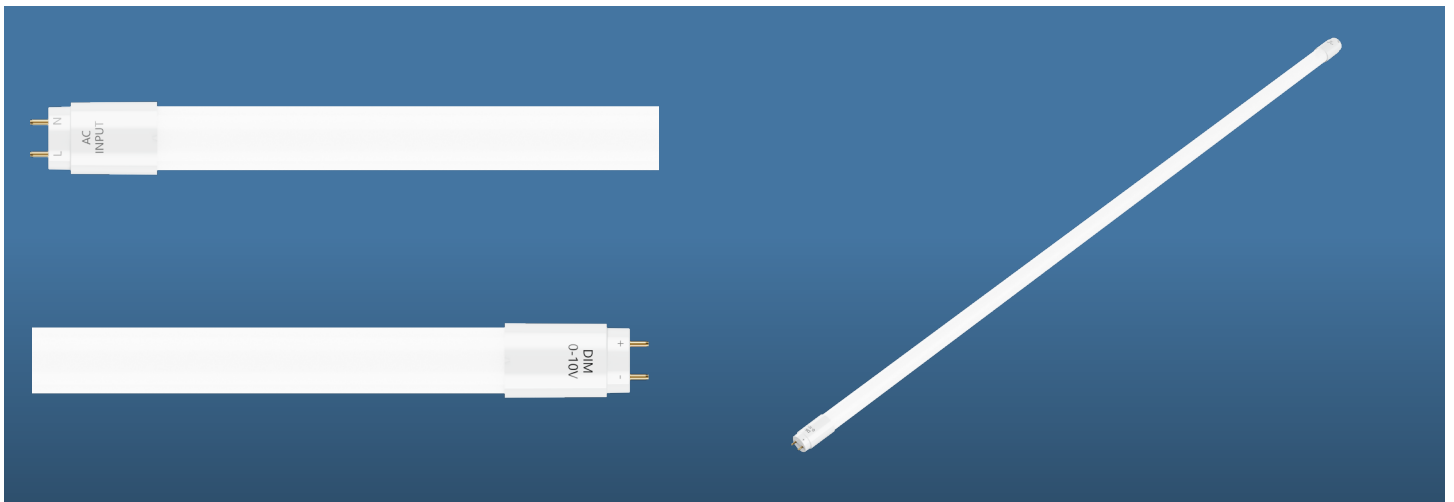
TYPE B T8 LAMPS

DESCRIPTION

This single-ended wiring LED tube features 0–10V dimming for smooth brightness control, easy installation, dependable performance, and energy-efficient illumination, making it ideal for commercial, industrial, and retrofit lighting applications projects.

FEATURES

- Available in 2 ft, 3 ft and 4 ft Lengths
- 120-277VAC Ballast Bypass
- CCT: 3000K/3500K/4000K/5000K
- 200° Beam Angle
- Suitable for Open and Enclosed Fixtures
- Support 0-10V Dimming dim via lamp holder
- For Use with Un-shunted Lamp holders
- 5-Year Warranty 24/7 Operation



Revised 7/23/2026

Specifications are typical values and may change without notification

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SPECIFICATIONS					
MODEL	T8 TYPE B LAMPS with 0-10V End Cap				
INPUT VOLTAGE	120-277VAC 50/60hz				
LENGTH	2ft	3ft	4ft		
WATTAGE	8W	12W	10.5W	12W	15W
EFFICACY	131lm/W	130lm/W	160lm/W	130/150 lm/W	150lm/W
LUMENS	1,050lm	1,560lm	1,680lm	1,560/1,800lm	2,250lm
POWER FACTOR	<0.9				
THD	<20%				
BEAM ANGLE	200°				
WIRING SCHEME	Single Ended				
CRI	Ra>80				
L70 Hours	>50,000				
CCT	3000K/3500K/4000K/5000K				
DIMMING	0-10V Dimming, dimming to 10%				
PROTECTION	Integral short circuit, open circuit, and overload protection				
WORKING TEMP.	-20°C - +45°C				
ENVIRONMENT	Dry/Damp Location				
FCC	FCC 47 CFR Part 15 Compliance				
WARRANTY	5 Year Standard / 10 Year Optional				

ORDERING GUIDE												EXAMPLE : JLS-T8D-4-840K-10.5-DW-10											
MODEL		-	LENGTH		-	CCT		-	WATTS		-	TYPE		-	DIMMING		-	LUMEN OPTION					
JLS-T8D			2 = 2 Foot			830K = 3000K 835K = 3500K 840K = 4000K 850K = 5000K			8 = 8W			DW = Direct Wire Single Ended			10 = 0-10V Dimming			Blank = 130/150/160lm/W * S = 130lm/W ** * Depend on types ** Available for 4ft 12W Only					
			3 = 3 Foot					12 = 12W															
			4 = 4 Foot					10.5 = 10.5W															
					12 = 12W 15 = 15W																		

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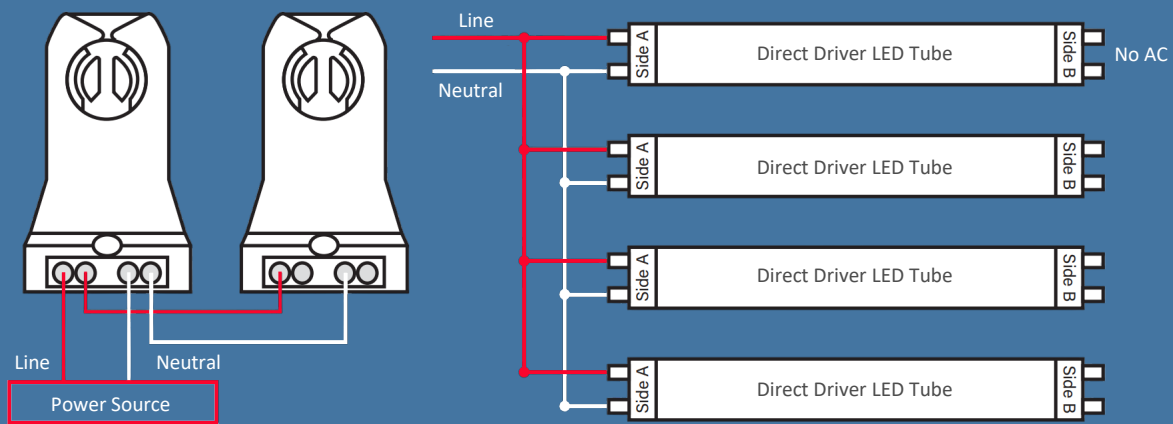


DIMENSIONS

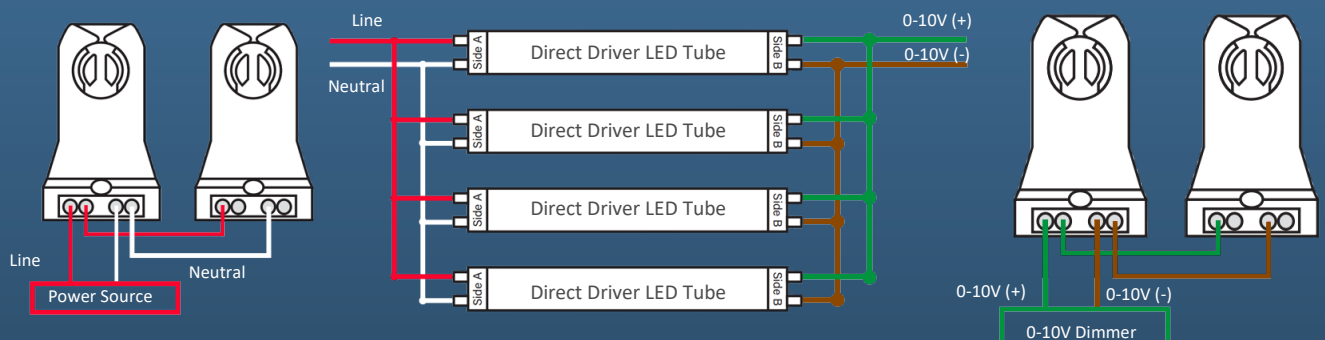
LENGTH	LENGTH PIN to PIN (in.)	LENGTH BASE to BASE (in.)	DIAMETER (in.)
2 Foot	23.73	23.17	1.02
3 Foot	35.73	35.17	1.02
4 Foot	47.76	47.16	1.02

WIRING DIAGRAMS

Single-ended wiring without dimming as below (Re-wire fixture MUST use non-shunted lamp base)



Single-ended wiring with 0-10V dimming as below (Re-wire fixture MUST use non-shunted lamp base)



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