



JAYKAL
efficiency. illuminated

TYPE B T8 LAMPS

- 0-10V Dimming

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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 7/14/2026

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	2 ft	3 ft	4 ft			
WATTAGE	8W	12W	10.5W	12W	15W	18W
EFFICACY	131lm/W	130lm/W	150/175 lm/W	150/175 lm/W	130 lm/W	130 lm/W
LUMENS	1,050 lm	1,560 lm	1,575/1,837 lm	1,800/2,100 lm	1,950 lm	2,340 lm
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 to +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 = 150lm/W L = 175lm/W * * Available for 4ft 10.5W/12W Only
		3 = 3 Foot				12 = 12W						
		4 = 4 Foot				10.5 = 10.5W						
						12 = 12W 15 = 15W 18 = 18W						

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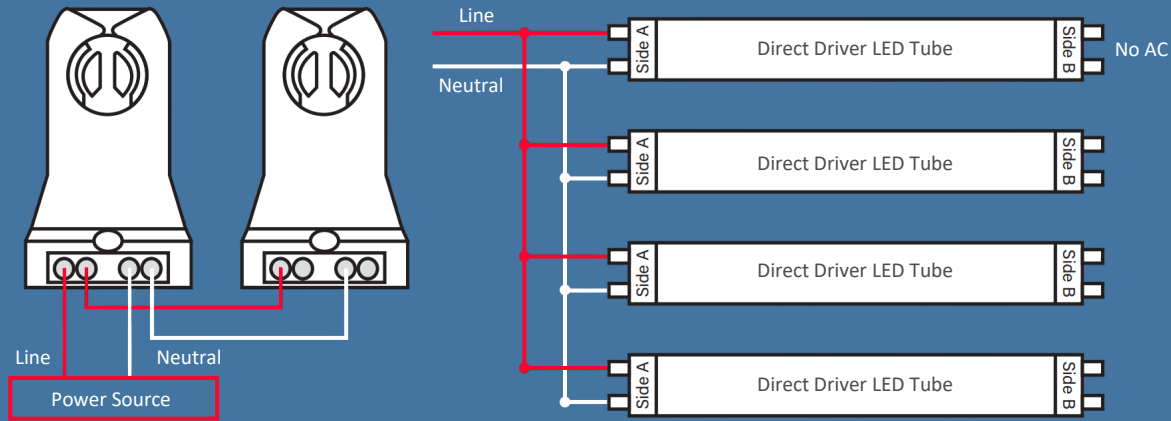


DIMENSIONS

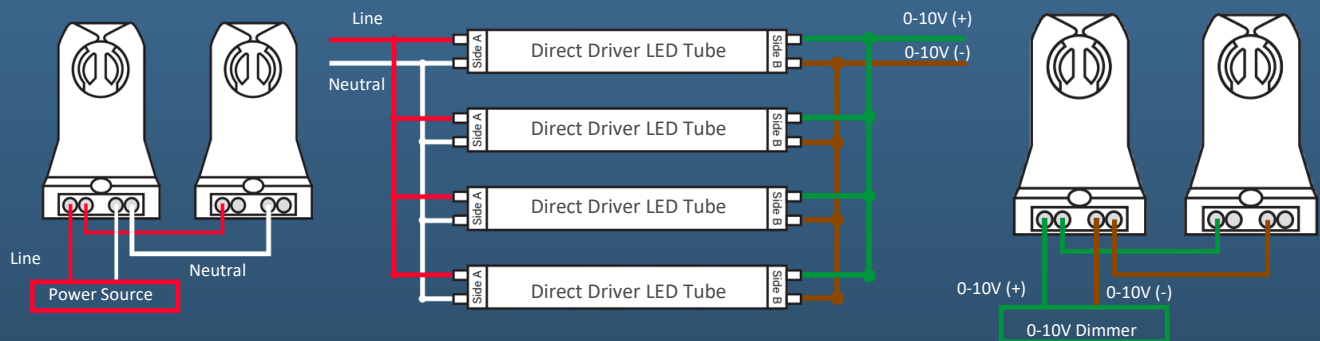
LENGTH	LENGTH PIN to PIN (in.)	LENGTH BASE to BASE (in.)	DIAMETER (in.)
2 Foot	23.73	23.17	1.02
3 Foot	35.73	35.17	1.02
4 Foot	47.76	47.16	1.02

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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