



TYPE B T8 LAMPS

JAYKAL

PROJECT NAME:

JAYKAL LED SOLUTIONS, INC.

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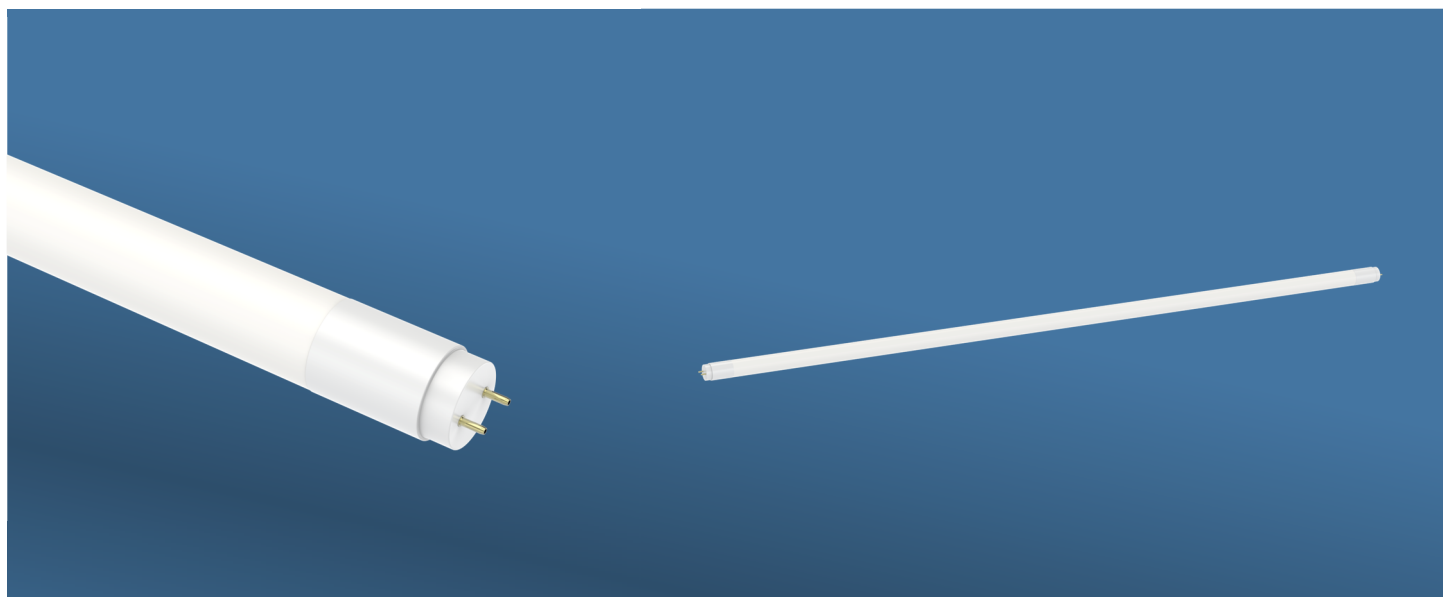
PROJECT NOTES:

PRODUCT DESCRIPTION

The Type B Tube features various length options, broad voltage compatibility, and multiple CCT choices to meet diverse lighting requirements. With its wide viewing angle, durable construction, and compliance with TAA standards, it is ideal for an wide range of applications. Additional features such as flicker-free operation, dimming capabilities, and emergency backup compatibility further enhance its versatility and reliability.

FEATURES

- Available in 2 ft, 3 ft and 4 ft Lengths
- 120-277VAC Ballast Bypass
- CCT: 3000K/3500K/4000K/5000K
- 200° Beam Angle
- TAA Available
- Suitable for Open and Enclosed Fixtures
- Phase Cut Dimming
- For Use with Shunted and Unshunted Lampholders
- 5 Year Warranty 24/7 Operation



Revised 3/5/25

Specifications are typical values and may change without notification

efficiency. illuminated.



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SPECIFICATIONS TABLE

T8 TYPE B LAMPS

INPUT VOLTAGE	120-277VAC 50/60hz				
LENGTH	2ft	3ft	4ft		
WATTAGE	8W	12W	10.5W	15W	18W
EFFICACY	125lm/W	125lm/W	154lm/W	126lm/W	126lm/W
LUMENS	1,000lm	1,500lm	1,620lm	1,900lm	2,300lm
POWER FACTOR	<0.9				
THD	<20%				
BEAM ANGLE	200°				
WIRING SCHEME	Single or Dual Ended				
CRI	Ra>80				
L70 Hours	>50,000				
CCT	3000K/3500K/4000K/5000K				
DIMMING	Phase Cut Dimming (Triac Dimming) @120VAC				
WORKING TEMP.	-20°C - +40°C				
ENVIRONMENT	Dry/Damp Location				

ORDERING GUIDE

JLS-4-840K-10.5-DWD-S

MODEL	-	LENGTH	-	CCT	-	WATTS	-	TYPE	-	DRIVER
JLS		2 = 2 Foot		830K = 3000K 835K = 3500K 840K = 4000K 850K = 5000K		8 = 8W		DWD = Direct Wire Dual Ended		S = Standard
		3 = 3 Foot				12 = 12W				
		4 = 4 Foot				10.5 = 10.5W				
						15 = 15W 18 = 18W				

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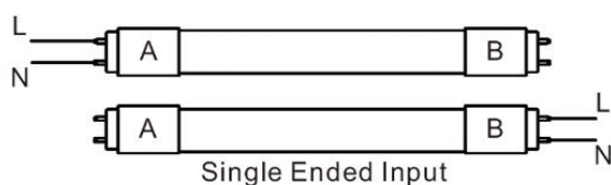
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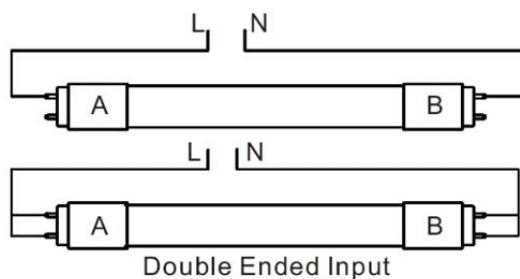
DIMENSIONS

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



OR



Voltage Input: AC120-277V 50/60Hz

For Dual-Ended Lamps, the pins on each end of the lamp are internally shunted. The lamps may be used with shunted or un-shunted tombstones.

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COMPATIBLE TRIAC DIMMER LIST

BRAND	MODEL NUMBER	INTERFACE
Lutron	DVELV-300P-BR	Triac Dim @120VAC
Lutron	DVELV-300P-GR	Triac Dim @120VAC
Lutron	DVELV-300P-IV	Triac Dim @120VAC
Lutron	DVELV-300P-LA	Triac Dim @120VAC
Lutron	DVELV-300P-WH	Triac Dim @120VAC
Lutron	DVELV-303P-BR	Triac Dim @120VAC
Lutron	DVELV-303P-GR	Triac Dim @120VAC
Lutron	DVELV-303P-IV	Triac Dim @120VAC
Lutron	DVELV-303P-LA	Triac Dim @120VAC
Lutron	DVELV-303P-WH	Triac Dim @120VAC
Lutron	MAELV-600P-AL	Triac Dim @120VAC
Lutron	MAELV-600P-BL	Triac Dim @120VAC
Lutron	MAELV-600P-BR	Triac Dim @120VAC
Lutron	MAELV-600P-GR	Triac Dim @120VAC
Lutron	MAELV-600P-IV	Triac Dim @120VAC
Lutron	MAELV-600P-LA	Triac Dim @120VAC
Lutron	MAELV-600P-WH	Triac Dim @120VAC
Lutron	SELV-300P	Triac Dim @120VAC
Lutron	MEF2-6ELV-120	Triac Dim @120VAC
Lutron	MSCELV-600M	Triac Dim @120VAC

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