

LED BUS LIGHTING

TLM SERIES - PREMIUM SAVER T10 SIZE



NOTES & PATENT INFORMATION

US Patent #7,307,391, 8,115,411, 8,791,650, and 9,179,513

Canada Patent #2,651,224, 2,555,065, and 2,831,641

International Patents Pending

For Complete and up to date patent information see our website.

DESCRIPTION

The LED Lighting tube has been designed to work with conventional fixtures to replace the short lived fluorescent lamps. This product is typically used in interior bus lighting.

The TLM Series can be used to retrofit existing fluorescent installation or any direct new installation.

These Premium lamps are designed to have an equal appearance and higher performance in any transportation application when compared to fluorescent lamps.

FEATURES

- Solid state lighting device, works well in the harsh environment of the transit bus.
- Instant on, no warm up time
- Lasts at least 10 times longer than fluorescent
- No EMI emissions, to eliminate radio interference
- Designed to direct replace all fluorescent lengths and styles.
- Lead free compliant, Mercury Free
- Vibration proof features

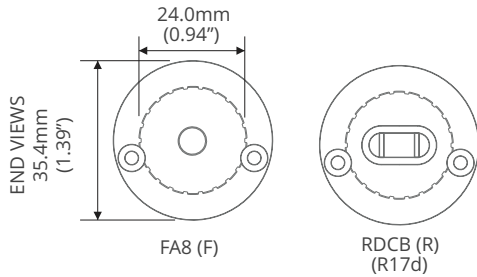
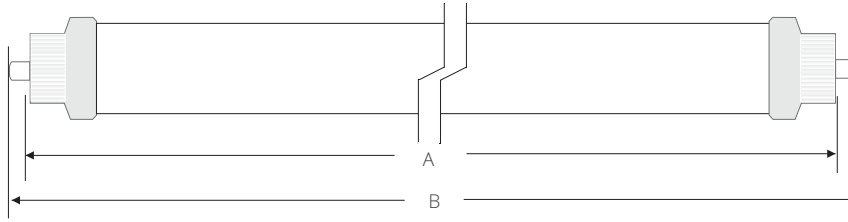
STANDARD FEATURES

- Lengths of 24", 36", 48", 60" and 72"
- Cool White (5700K) LEDs
- 24V Operational Voltage Input
- Double Frosted Lens
- Single Pin (FA8), Recessed Double Contact (r17D)



DIMENSIONS

T10 DIAMETER



Standard Length	A		B		Max Finished Weight	
	Inch	cm	Inch	cm	T10	
24	21.18	538.0	21.825	554.4	g	lbs
36	33.18	842.8	33.825	859.2	380	0.84
48	45.18	1147.6	45.825	1164.0	540	1.19
60	57.18	1452.4	57.825	1468.8	732	1.61
72	69.18	1757.2	69.825	1773.6	923	2.03
					1115	2.46

ELECTRICAL STATS & OPERATING FUNCTIONS

TYPE	NOMINAL LENGTH (INCH)	INPUT VOLTAGE (DC VOLTS)	LIGHT COLOR	HIGH INTENSITY (100%)			LOW INTENSITY (20%)		
				INPUT CURRENT (DC AMPS)	INTENSITY (EST. LUMENS)	POWER CONSUMPTION (WATTS)	INPUT CURRENT (DC AMPS)	INTENSITY (EST. LUMENS)	POWER CONSUMPTION (WATTS)
				TYP.	TYP.	TYP.	TYP.	TYP.	TYP.
TLM	24	24	5700K WHITE	0.21	530	5	0.04	106	1.0
	36			0.29	741	7	0.06	148	1.4
	48			0.42	1059	10	0.08	212	2.0
	60			0.50	1271	12	0.10	254	2.4
	72			0.58	1483	14	0.12	297	2.8
	24		BLUE	0.21	74	5	0.04	15	1.0
	36			0.29	104	7	0.06	21	1.4
	48			0.42	149	10	0.08	30	2.0
	60			0.50	179	12	0.10	36	2.4
	72			0.58	208	14	0.12	42	2.8

ORDERING INFORMATION

SERIES	DIAMETER	PIN TYPE	LENGTH	VOLTAGE	COLOR	LENS TYPE	FUNCTION
TLM	T10	X	XX	24	X	X	X
		F = FA8	24*	24V	57 = Cool White (5700K)	D = Double Side	S = Single Intensity
		R = RDCB (R17D)	36*		B = Blue	Frosted, white	D = Dual Intensity
			48*				(100% - 20%)
			60				E = Extinguishable
			72				(100% - 0%)

* Custom order item, contact LED Smart Inc. for more details.

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