



## T10LB SERIES LED TUBE LIGHT BAR

USALED's industry leading USALED T10LB LED light bar, is a retrofit solution for fluorescent tube lighting fixture. Installation is simplified with magnetic mounting clips and a quick connect line voltage wire eliminating fluorescent ballasts. Lamp holder bi-pin sockets are not used. The simplified installation enables de-lamping and lamp placement into a fixture wherever the user desires. For example four and three lamp 4 ft troffers can be reduced to two Light Bars and 8 ft two lamp fixtures can be reduced to two 4ft Light Bars, placed end to end.

### FEATURES

- Easy installation - Magnetic Clip Mounting
- De-Lamping Made Easy Reduces energy by 50%
- 10 years maintenance free (12 hrs/day)
- Utility rebates available
- No Mercury/ No Lead



**DLC**  
Certified

### Nominal SPECIFICATIONS

#### Length

2ft, 3ft, 4ft, 5ft

#### Power

8W, 12W, 14W, 18W, 28W

#### Voltage

100-277V

#### Lumen Output

140 Lm/W

#### Color Temperature

3000K, 4000K, 5000K

#### Lens

Frosted

#### Design Life

>50,000 hrs

#### Beam Angle

120 Deg

#### CRI

80

#### Power Factor

0.94

#### Warranty

5 Year Manufacturers Limited Warranty

### CERTIFICATIONS

ETL, LM79, LM80, DLC (2' & 4' only)

### DIMENSIONS

- 2' Nominal (549mm) - xxlbs
- 3' Nominal (849mm) - xxlbs
- 4' Nominal (1149mm) - 1.2lbs
- 5' Nominal (1449mm) - xxlbs

\*\*Suitable for Dry and Damp Locations

### ORDERING DATA: Per chart below

Example : T10LB-4-18-40K

xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx
Series	Lamp Length (Nominal)	Wattage	CRI	Voltage	Dimming	Option
T10LB	2 = 2ft	8 = 8W	30K = 3000 K	Blank = 100 - 277 V	Blank = Non Dimmable	Linkable
	3 = 3 ft	12 = 12 W	35K = 3500K		120 Dim = 120V Triac Dimming	Pendant
	4 = 4 ft	14 = 14 W 18 = 18W 28 = 28W	40K = 4000 K		Integrated Switch Dimming	
	5 = 5ft		50K = 5000 K			

### APPLICATIONS

Office, Retail Store, Hospital, Grocery Store, Closet, Utility Room, Basement Applications, Stairwell, Commercial Buildings, Hotel, Restaurant

### Kit Includes:

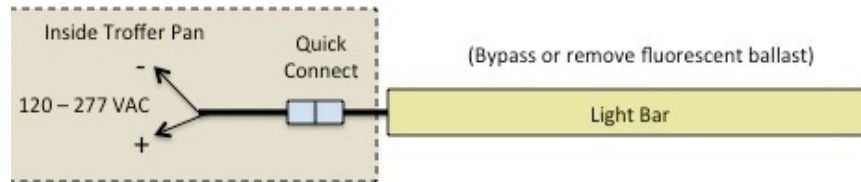
1 Light Bar, 2 Magnetic Mounting Brackets, 4 Self Tap Screws, 1 x 24" Branch Wire with Quick Connect, 2 Wire Nuts

Rev T10LB-16-1120



**Installation Summary:** ( Detailed Instructions provided with Product)

1. Turn off Power, remove fluorescent tubes and open pan.
2. Disconnect Fluorescent Ballast from the branch circuit.
3. Connect the 30" Wire leads to the branch circuit for each tube.
4. Direct the wire leads with quick connect out of troffer pan.
5. Secure Troffer pan back into place.
6. Attach 2 pieces of magnetic clips to each light bar.
7. Attach light bar to troffer adhering first by magnets, then secure with self tapping screws if desired.
8. Attached quick connect of tube wire to branch circuit wire
9. Turn on Power.



Note : Suitable for Dry and Damp Locations

Model #	Length	Wattage	CCT	Nominal Lumen Output
T10LB-2-8	2 ft	8W	3000K, 3500K, 4000K, 5000K	1120 Lm
T10LB-2-12	2 ft	12W	3000K, 3500K, 4000K, 5000K	1680 Lm
T10LB-3-12	3 ft	12W	3000K, 3500K, 4000K, 5000K	1680 Lm
T10LB-4-14	4 ft	14W	3000K, 3500K, 4000K, 5000K	1960 Lm
T10LB-4-18	4 ft	18W	3000K, 3500K, 4000K, 5000K	2520 Lm
T10LB-4-28	4 ft	28W	3000K, 3500K, 4000K, 5000K	3920 Lm
T10LB-5-22	5 ft	22W	3000K, 3500K, 4000K, 5000K	3080 Lm