

LED T8 Tube Light

ML-T8 (BIXX)

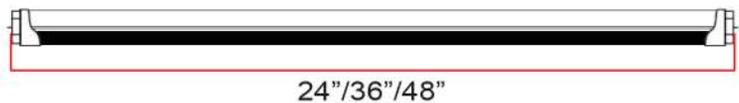
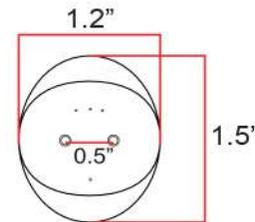
BALLAST COMPATIBLE

- 2ft: **ML-T8-10W2FT BIXX**
- 2ft: **ML-T8-15W2FT BIXX**
- 4ft: **ML-T8-18W2FT BIXX**

The LED Tube serves as a special energy efficient replacement for all traditional fluorescent T8 lamps. Designed to operate on all existing rapid-start, instant-start, programmed-start, and emergency fixture ballasts... or simply no ballast at all.



DIMENSIONS



FEATURES

- Works both with or without a ballast
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- Fantastic replacement “plug and play” tube or retrofit
- Compatible with over 90% of all North American electronic ballasts
- Versatility supports massive projects with different types of ballasts
- Minimize labor and recycling costs
- Stable lumen output for different ballast brands with different ballast factors
- UL Type A & B
- Globally patented technology

WARRANTY

This product has a warranty for a period of 5 years from the date of purchase. The warranty is invalid in the case of improper installation, tampering, or removal of the Q.C. date label. Installation in an improper working environment or installation not according to the current edition of the National Electric Code also invalidates the warranty. Should this product fail during the warranty period, it will be replaced free of charge, subject to correct installation and return of the faulty unit. Metro LED Sign and Light does not accept responsibility for any installation costs associated with the replacement of this product.

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TECHNICAL DATA SHEET

LED T8 Tube Light

BALLAST COMPATIBLE

ML-T8 (BIXX)

Length (ft)	Product Code	WATTAGE	LUMEN	OPERATING TEMP	BEAM ANGLE	CRI	CCT
2ft	ML-T8-10W2FT BIXX	10W	1250Lm	-30°C to 40°C	120°	>80	3500K~5000K
2ft	ML-T8-15W2FT BIXX	15W	1875Lm	-30°C to 40°C	120°	>80	3500K~5000K
4ft	ML-T8-18W4FT BIXX	18W	2250Lm	-30°C to 40°C	120°	>80	3500K~5000K

Average System Watts (W)			Average System Initial Lumens		
Low Ballast Factor (0.78)	Norm Ballast Factor	High Ballast Factor (1.10)	Low Ballast Factor (0.78)	Norm Ballast Factor	High Ballast Factor (1.10)
11.5	12.5	13.5	1437	1550	1680
16.5	17.5	20.5	2069	2180	2560
19.5	21.5	22.5	2430	2680	2810

- Efficiency with ballast More than 110 Lm/W
- Efficiency without ballast More than 125 Lm/W

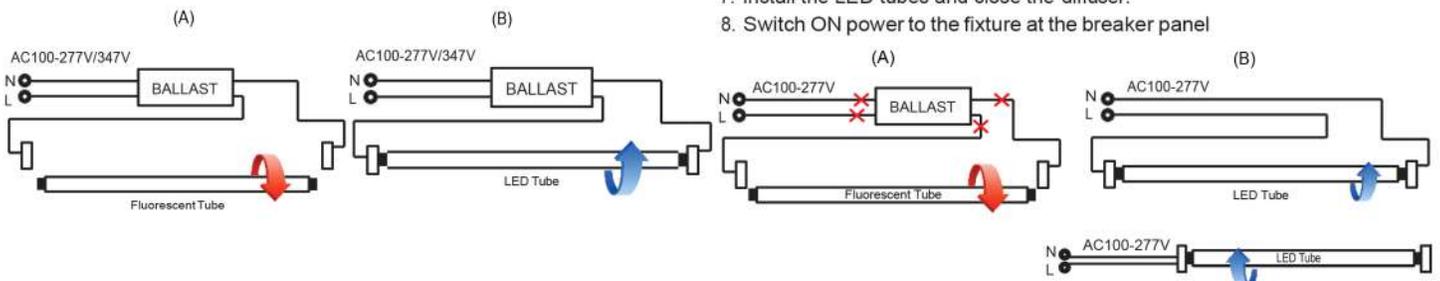
INSTALLATION GUIDE

Direct Replacement Procedure:

1. Turn OFF power to the fixture at the breaker panel before installation.
2. Open the diffuser from the light fixture.
3. Remove the fluorescent tubes (A) and dispose of these properly as they may contain mercury.
4. Put LED tube (B) into the lighting fixture and ensure the pins are firmly seated in lamp holders.
5. Install the LED tubes and close the diffuser.
6. Switch ON power to the fixture at the breaker panel

Retrofit Procedure:

1. Turn OFF power to the fixture at the breaker panel before installation.
2. Open the diffuser from the light fixture.
3. Remove the fluorescent tubes and dispose of these properly as they may contain mercury.
4. Cut wires and remove (A).
5. Make new wire connection to the branch circuit as shown on diagram (B) below.
6. Replace the cover over the wiring channel.
7. Install the LED tubes and close the diffuser.
8. Switch ON power to the fixture at the breaker panel



CAUTION

- Risk of fire- do not install this lamp in a pre-heated luminaire.
- Loose or damaged end caps and/or lamp holders need to be replaced before installation.
- Risk of electric shock- make installation with gloves.
- Use only in place of fluorescent lamps specified on label or as a retrofit kit.
- These lamps are not intended for use with emergency exists.
- These lamps are not to be used with a light dimmer.
- If the lamp or luminaire exhibits undesirable operation (i.e. buzzing, flickering, etc.), immediately turn off power and remove the lamp from luminaire and contact manufacturer.
- This lamp only operates on electronic ballasts. If lamp does not light when the luminaire is energized, remove this lamp from luminaire and contact manufacturer.
- Check the ballast installed in the field and make sure the ballast is in manufacturer's ballast list. If the ballast out of the list, a test must be needed before mass installation.
- Do not make mass installation before sample testing.

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