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> [JESLED T8/T10/T12 8FT LED Tube Light Bulbs Instruction Manual](#)

JESLED YKL-T88FTFA8TCA2-50DW-4P

JESLED T8/T10/T12 8FT LED Tube Light Bulbs Instruction Manual

Model: YKL-T88FTFA8TCA2-50DW-4P

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your JESLED T8/T10/T12 8FT LED Tube Light Bulbs. Please read this manual thoroughly before installation and retain it for future reference.



Figure 1: JESLED T8/T10/T12 8FT LED Tube Light Bulbs (4-Pack)

2. SAFETY INFORMATION

- Always turn off power at the circuit breaker before installing or servicing the fixture.
- Installation should be performed by a qualified electrician if you are unfamiliar with electrical wiring.
- Do not use these LED tubes with a standard dimmer unless specified.
- This fixture has been modified and no longer operates fluorescent lamps. Ballasts have been removed, and there is line voltage being supplied to the sockets. Do not install fluorescent lamps.
- Ensure proper grounding to prevent electrical shock.
- Keep away from radio, remote control door, etc., which may cause electromagnetic interference (EMI).

3. PRODUCT OVERVIEW

The JESLED T8/T10/T12 8FT LED Tube Light Bulbs are designed as energy-efficient replacements for

traditional fluorescent tubes. They feature a single pin FA8 base and dual-row LED chips for enhanced brightness.

JESLED T8 8FT LED BULB

ETL CLASSIFIED



Intertek

Single Pin Fa8 Base

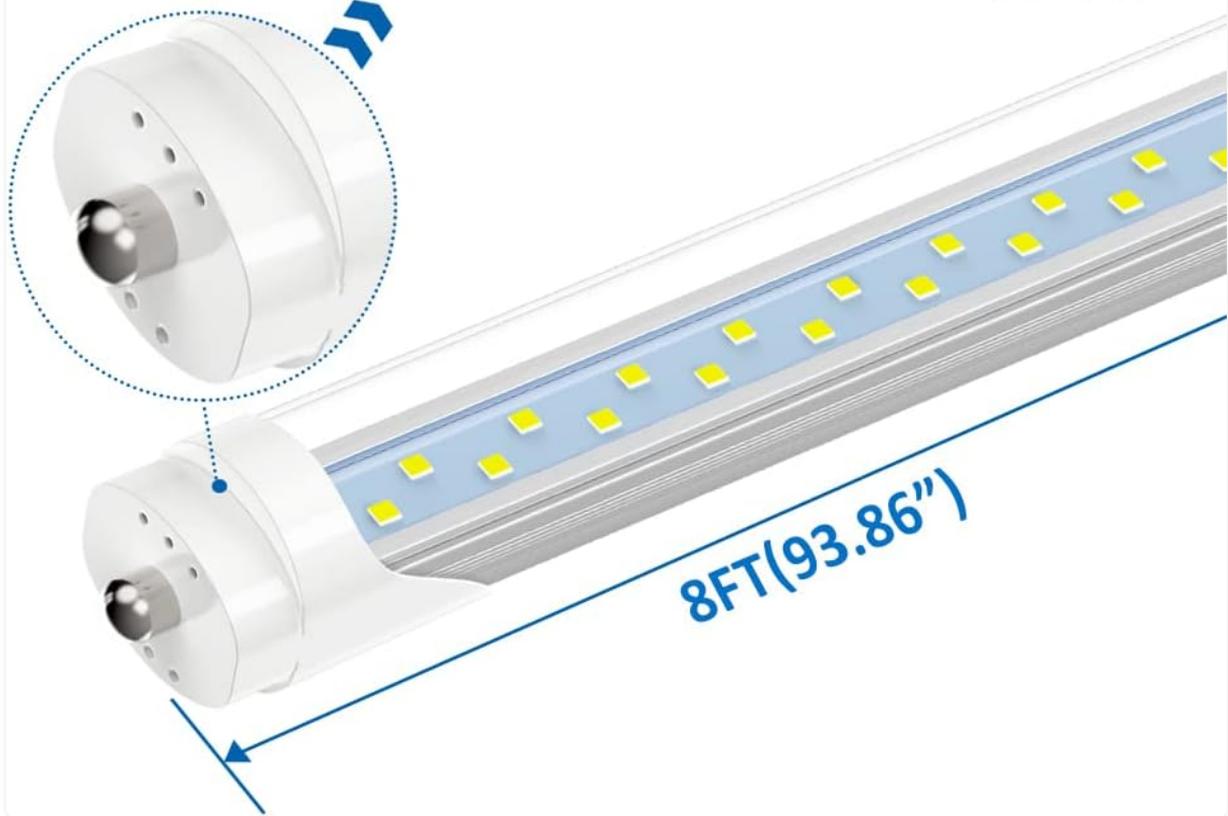


Figure 2: Single Pin FA8 Base and 8FT Length

Dual-row LEDs, Much brighter light!



Mode	Power	LED Qty	Brightness	LED Beads
Dual-row LED	50W	336pcs	6000 Lumen	SMD2835 Episar Chips
Single-row LED	36W	192pcs	4500 Lumen	Other Chips

Figure 3: Dual-Row LED Design for Superior Brightness

4. INSTALLATION INSTRUCTIONS (BALLAST BYPASS)

These LED tubes require a ballast bypass installation. This means the existing ballast in your fluorescent fixture must be removed or bypassed, and the fixture rewired to directly supply power to the LED tubes.

4.1. Wiring Diagram

INSTALLATION INSTRUCTIONS

BALLAST BYPASS, DUAL END POWERED HOT TO ONE END, AND NEUTRAL TO THE OTHER

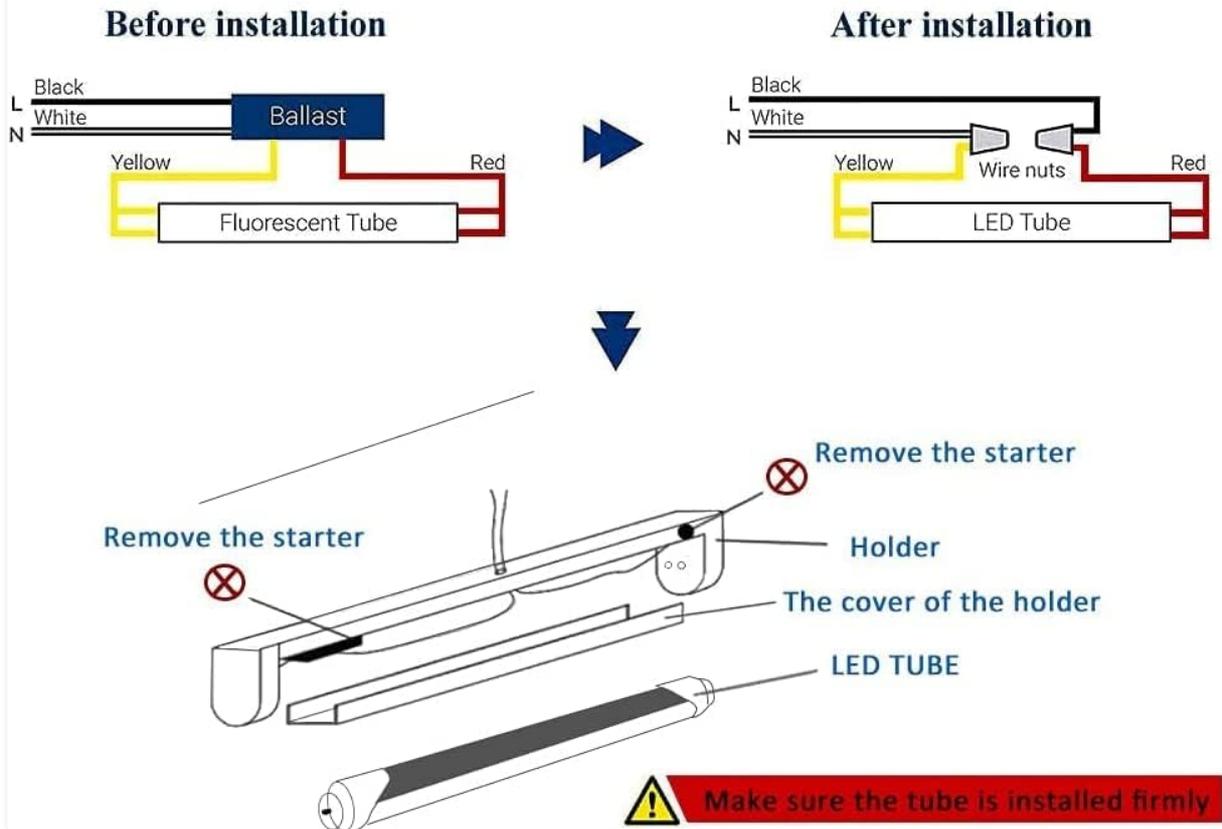


Figure 4: Ballast Bypass Wiring Diagram

4.2. Step-by-Step Guide

1. **Safety First:** Turn off the power to the fixture at the circuit breaker. Verify power is off using a voltage tester.
2. **Access Ballast:** Remove the cover of the fluorescent fixture to expose the ballast and wiring.
3. **Remove/Bypass Ballast:** Cut the wires connecting to the ballast. Remove the ballast from the fixture.
4. **Rewire Fixture:** Connect the live (hot) wire from the power source to one end of the fixture's lamp holders (tombstones). Connect the neutral wire from the power source to the other end of the fixture's lamp holders. Use wire nuts and electrical tape to secure all connections. Ensure all exposed wires are properly insulated.
5. **Remove Starter (if applicable):** If your fixture has a starter, remove it.
6. **Install LED Tubes:** Insert the JESLED 8FT LED tubes into the lamp holders. Ensure they are firmly seated.
7. **Restore Power:** Replace the fixture cover and restore power at the circuit breaker.

4.3. Installation Videos

Video 1: This video demonstrates the installation process for T8 LED 8FT Tube Lights, including ballast removal and rewiring. It provides a visual guide to complement the written instructions.

Video 2: This video provides a focused demonstration of installing a JESLED 8ft T8 Single Pin FA8 LED bulb, detailing the

steps for proper fitment and connection.

5. OPERATING INSTRUCTIONS

Once installed, the JESLED LED tube lights operate like any standard light fixture. Simply use the wall switch or power control connected to the fixture to turn the lights on or off. These LED tubes provide instant-on illumination without flickering or humming.

Video 3: This video showcases the super bright illumination provided by the 8FT LED bulbs in a practical setting, demonstrating their immediate and powerful light output.

6. MAINTENANCE

- **Cleaning:** Ensure the power is off before cleaning. Use a soft, dry cloth to wipe the surface of the LED tubes. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the wiring connections for any signs of wear or damage.
- **Replacement:** With an average lifespan of 50,000+ hours, these LED tubes require minimal replacement. If a tube needs replacing, ensure power is off and follow the installation steps in reverse to remove, then install a new tube.

7. TROUBLESHOOTING

- **Lights not turning on:** Check the circuit breaker to ensure power is supplied. Verify all wiring connections are secure and correct according to the ballast bypass diagram. Ensure the LED tubes are properly seated in the lamp holders.
- **Flickering:** Ensure the ballast has been completely bypassed. These tubes are non-dimmable; do not use with a standard dimmer switch.
- **Reduced Brightness:** Ensure the tubes are clean and free from dust or debris.
- **Electromagnetic Interference (EMI):** If interference with other electronic devices occurs, ensure the lights are installed away from sensitive equipment.

8. SPECIFICATIONS

Feature	Specification
Brand	JESLED
Light Type	LED
Wattage	50 watts
Brightness	6000 Lumens
Color Temperature	5000 Kelvin (Daylight White)

Bulb Shape Size	T8 (compatible with T10, T12 fixtures)
Bulb Base	Single Pin FA8
Voltage	120 Volts (AC)
Average Life	50,000 hours
Material	Aluminum
Special Feature	ETL Listed, Instant on, Non-dimmable, Ballast bypass required, Shatterproof construction, No UV or IR radiation, Does not contain mercury.

9. WARRANTY AND SUPPORT

JESLED provides a 3-year unlimited customer service warranty for this product. If you encounter any issues or are not satisfied with your purchase, please contact JESLED customer support for assistance. For more information, visit the [JESLED Store](#).

Related Documents - YKL-T88FTFA8TCA2-50DW-4P

	<p>JESLED T8 4FT LED Tube User Manual: Dual-End Power Installation Guide</p> <p>User manual for installing JESLED T8 4FT LED tubes. Provides step-by-step instructions for safely bypassing ballasts and wiring fixtures for dual-end power LED installation. Includes company profile and FCC compliance information.</p>
	<p>Battery Operated Wall Sconce User Manual - JD0486AGN</p> <p>User manual for the Battery Operated Wall Sconce, Model JD0486AGN, providing setup, operation, and troubleshooting information.</p>
	<p>JESLED Lampada da Parete Solare con Sensore: Manuale d'Uso e Specifiche</p> <p>Manuale completo per la lampada da parete solare JESLED con sensore. Include specifiche tecniche, modalità di funzionamento, installazione, telecomando e certificazione FCC.</p>
	<p>JESLED Solar Wall Light with Sensor User Manual</p> <p>Comprehensive user manual for the JESLED Solar Wall Light with Sensor, detailing features, specifications, operating modes, installation, and safety information.</p>

JESLED
Solar Motion Light



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Dongguan City, Guangdong Province, China

UK REP
Authorized Representative
Dongguan Shengwei Lighting Co., Ltd.
Dongguan City, Guangdong Province, China

CE UK FC RoHS

Manufacturer: Dongguan City Shengwei Lighting Co., Ltd.
MADE IN CHINA

Please kindly read this instruction before your installation.
Please kindly keep this user manual for future reference.

[JESLED Solar Motion Light: User Manual, Specifications, and Installation Guide](#)

Comprehensive user manual for the JESLED Solar Motion Light, detailing its specifications, features, working modes, installation instructions, and important safety precautions. Includes FCC compliance information.

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Dongguan Shengwei Lighting Co., Ltd.
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CE UK FC RoHS

Manufacturer: Dongguan City Shengwei Lighting Co., Ltd.
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Please kindly keep this user manual for future reference.

[JESLED Solar Motion Light User Manual and Installation Guide](#)

Comprehensive guide for the JESLED Solar Motion Light, detailing specifications, features, operating modes, installation instructions, and important safety precautions. Learn how to install and use your solar-powered motion light efficiently.