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> [JESLED T8 LED 4FT Type A+B Light Bulbs Instruction Manual \(24W, 6000K, Model JW-T8G13TCA2-24CW\)](#)

## JESLED JW-T8G13TCA2-24CW

# JESLED T8 LED 4FT Type A+B Light Bulbs Instruction Manual

Model: JW-T8G13TCA2-24CW

### 1. INTRODUCTION

This manual provides detailed instructions for the safe installation, operation, and maintenance of JESLED T8 LED 4FT Type A+B Light Bulbs. These bulbs are designed as energy-efficient replacements for traditional fluorescent tubes, offering high brightness and a long lifespan. Please read this manual thoroughly before installation and retain it for future reference.

### 2. WHAT'S IN THE BOX

- 4-Pack LED Tube Lights

### 3. SPECIFICATIONS

Brand	JESLED
Model Number	JW-T8G13TCA2-24CW
Light Type	LED
Wattage	24 Watts (65W Equivalent)
Brightness	3200 Lumens
Color Temperature	6000K (Bright White)
Bulb Shape Size	T8
Bulb Base	Bi-pin G13

<b>Voltage</b>	100-277 Volts (AC)
<b>Average Life</b>	50,000+ Hours
<b>Material</b>	Acrylonitrile Butadiene Styrene (ABS), Metal
<b>Indoor/Outdoor Usage</b>	Indoor
<b>Certification</b>	ETL Listed

## 4. SAFETY INFORMATION

- **WARNING:** ELECTRICITY CAN BE DEADLY IF PROPER PROCEDURES ARE NOT FOLLOWED. Ensure power is OFF at the circuit breaker before any installation or maintenance.
- Always consult a qualified electrician if you are unsure about any wiring procedures.
- These bulbs are non-dimmable. Do not use with dimmer switches.
- Do not install in fixtures with incompatible ballasts. Refer to the ballast compatibility list.
- Handle bulbs with care. Although shatterproof, excessive force can cause damage.
- Do not expose to super wet environments. Designed for indoor use.

## 5. INSTALLATION

JESLED T8 LED bulbs offer versatile installation options. Always ensure power is OFF at the circuit breaker before beginning installation.

### 5.1. Product Overview



*A single JESLED T8 LED 4FT Type A+B light bulb, highlighting its bi-pin base and internal LED strip.*

# 6000+ Hours of Immediate Brilliance

The ultimate, long-lasting brightness upgrade



*A detailed view of the JESLED LED tube, highlighting its clear lighting, energy-efficient LED components, and robust aluminum-plastic construction for long-lasting performance.*

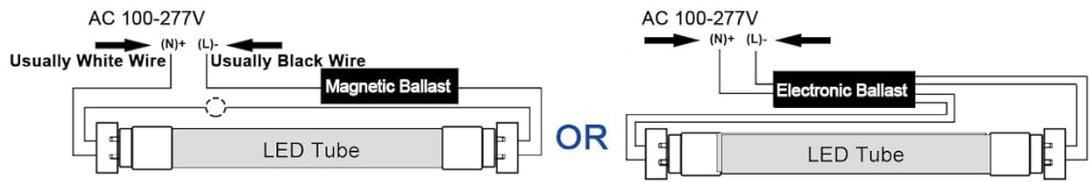
## 5.2. Installation Methods (Type A+B)

These bulbs support both Plug & Play (with ballast) and Ballast Bypass (without ballast) installations. They are also compatible with single or double-ended powered connections.

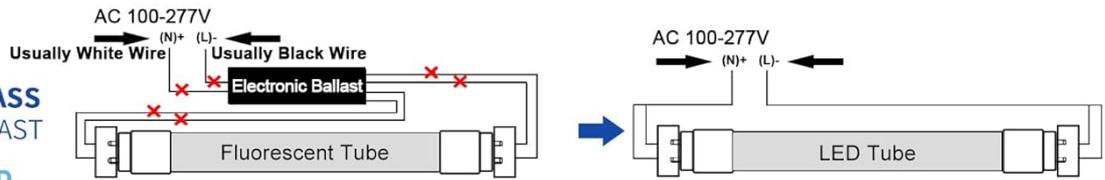
# TYPE A+B INSTALLATION

## Plug & Play | Ballast Bypass

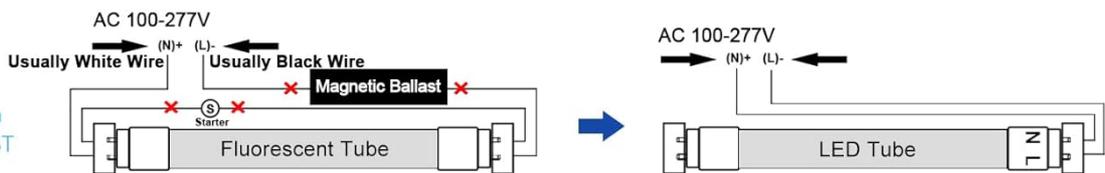
### TYPE A: PLUG & PLAY WITH BALLAST



### TYPE B: BALLAST BYPASS WITHOUT BALLAST DOUBLE-ENDED



### SINGLE-ENDED WITHOUT BALLAST



**JESLED** T8 4Foot Type A+B LED light bulbs can be installed with a ballast ( Plug & Play) or without a ballast (BALLAST BYPASS), and also have both single and double-ended connection compatibility.

A comprehensive diagram illustrating Type A+B installation methods for JESLED T8 4-foot LED light bulbs, covering both Plug & Play with ballast and Ballast Bypass (double-ended and single-ended) configurations.

#### 5.2.1. Plug & Play (Type A - With Ballast)

1. Ensure the existing fluorescent fixture has a compatible ballast. Refer to the [Ballast Compatibility List](#) below.
2. Turn off power to the fixture at the circuit breaker.
3. Remove the old fluorescent tube.
4. Insert the JESLED T8 LED tube into the fixture's sockets. Ensure the pins are correctly aligned and twisted into place.
5. Restore power and test the light.

#### 5.2.2. Ballast Bypass (Type B - Without Ballast)

This method requires modifying the fixture's wiring to bypass or remove the ballast. It is recommended that this procedure be performed by a licensed electrician or individuals with sufficient electrical knowledge.

1. Turn off power to the fixture at the circuit breaker.
2. Remove the old fluorescent tube and the fixture cover.
3. Locate and disconnect the ballast from the fixture's wiring. Remove the ballast completely.
4. Rewire the fixture according to the diagram for Ballast Bypass (Type B) shown above. Connect the incoming AC power directly to the lamp holders (tombstones).
5. For dual-ended powered bulbs, connect the live (hot) wire to the pins on one end of the tube and the neutral wire to the pins

on the opposite end.

6. For single-ended powered bulbs, connect both live (hot) and neutral wires to the pins on one end of the tube.
7. Ensure all connections are secure and insulated. Replace the fixture cover.
8. Insert the JESLED T8 LED tube into the fixture's sockets.
9. Restore power and test the light.

### 5.3. Ballast Compatibility List (for Plug & Play)

## BALLAST LIST FOR T8 LED TUBE

#### ACT

ACT3P32ISUNVE  
ATC4P32ISUNVE

#### DAMAR

3654C  
1688B  
1688D

#### EIKO

PM-2X32T8-UNV-IS

#### ESPEN

VE2P32MVHIPE11068  
VE2P32MVHIPHE11069  
VE2P32MVHPPE11080  
VE4P32MVHPPE11086  
VE3P32MVHIPE11070  
VE4P32MVHIPE11072  
VE432120MIP  
EPL3/32IS/MV/SC/HE  
VE3P32MVHPPE11083  
VE332MVHIPL  
VE3P32MVHIPL11056  
VE232MVHIPL  
VEL-4P32-SC

#### GE

GE259MAX-G-N  
GE132MAX-H/Ultra  
GE232-MV-N  
GE332MAX-G-N-DIYB  
GE332MAX-G-N

GE232MAX-G-N  
GE232MAX-G-N-DIYB  
GE432MAX-G-N  
GE259MAX-G-N-DIYB  
GE432MAXG-N-DIYL  
GE132-MVPS-H  
GE232-120RES-B  
GE-132-MV-N  
GE332MAX-G-H  
GE132MAX-G-347  
GE432MAXP347-N  
GE232MAX-G-N-DIYL  
GE-232-MV-N  
GE132MAXP-L/ULTRA

#### HALCO

EP2/32IS/MV/MC/HE  
EPL2/32IS/MV/MC/HE  
EPH4/32IS/MV/SC/HE  
EP232IS/MV/HE  
EP432IS/MV/MC/HE  
EP432ISUNVE  
EP332IS/MV/HE  
EP4/32IS/MVMC/HE  
EP432IS/L/MV/HE  
EPL4/32IS/MV/MC/HE

#### KEYSTONE

KTEB-432-UV-IS-N-P  
KTEB-332-UV-IS-N-P  
KTEB-232-UV-IS-N-P  
KTEB-126-1-TP-LC/A  
KTEB-232-UV-IS-N-P

#### OSRAM SYLVANIA

QTP4X32T8/UNV ISN-SC  
QHE 2X32T8/UNV PSN-MC  
QTP2X32T8/UNV ISN-SC  
QTP 3X32T8/UNV ISN-SC  
QHE2X32T8/UNV ISN-SC  
QHE 4X32T8/UNV ISN-SC  
QHE4XLED32T8/UNV ISN-SC  
QHE 3XLED32T8/UNV ISN-SC  
QHE2X59T8/UNV ISL-SC  
QHE 1X32T8/UNV ISN-SC  
QHE1X32T8/UNV ISL-SC

#### PHILIPS ADVANCE

IOP-2P59-N  
ICN-1P32-N  
ICN-2P32-N  
ICN-3P32-N  
ICN-4P32-N  
IOP-2PSP32-N  
REZ-2S32-SC  
IOPA-2P32-LW-N  
IOP-4PSP32-SC  
IOPA-2P32-N  
IOPA-3P32-N  
IOPA-4P32-N

#### PLUSRITE

BAF232IS/MV  
BAF332IS/MV

#### ROBERTSON

ISL432T8HEMV3P20160

#### SUNLITE

40155-SU.SB/232/MV

#### ULTRASAVE

UT 232347

#### UNIVERSAL

B432IUNVHE-A  
B232IUNVHP-N  
B232IUNVHP-N  
B432IUNVHP-A  
B432PUNVHE-A  
B232PUNVHE-B  
B332IUNVHP-A  
B432IUNVHE-A  
B332IUNVEL-A  
QHE 3X32T8/UNV ISH HT-SC  
B232IUNVHEH-A  
B332IUNVHE-A

**Tips:** If you intend to install this tube with any ballast not listed below, please reach us first to make sure if they are compatible, or damages or losses may occur.

These tubes should be installed by a licensed electrician.

**Compatible with Ballasts Only  
Check Before Purchase!**

A list of compatible ballasts for JESLED T8 LED tubes, advising users to check compatibility before purchase and recommending installation by a licensed electrician if bypassing the ballast.

### 5.4. Installation Video Guide

Official JESLED video demonstrating the installation process for T8 LED 4-foot bulbs as fluorescent replacements. This video provides a step-by-step guide on how to replace traditional fluorescent T8 bulbs with JESLED LED 4-foot bulbs, including wiring instructions for ballast bypass.

Official JESLED video highlighting features and benefits of JESLED 24W T8 T10 T12 4FT LED Tube Light Bulbs. This video showcases the key features, energy efficiency, and installation options for their 24W T8 T10 T12 4FT LED tube light bulbs.

## 6. OPERATING INSTRUCTIONS

Once properly installed, JESLED T8 LED bulbs provide instant-on illumination without flickering or buzzing. Simply use the existing light switch to turn the lights on or off. These bulbs are non-dimmable.

## 7. MAINTENANCE

JESLED T8 LED bulbs are designed for long-term, low-maintenance operation with a lifespan of over 50,000 hours.

- **Cleaning:** Ensure power is off before cleaning. Gently wipe the bulb with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Replacement:** Due to their extended lifespan, frequent replacement is not anticipated. If a bulb needs replacement, follow the installation steps in Section 5.

## 8. TROUBLESHOOTING

- **Bulb does not light up:**
  - a. Check if the power is on at the circuit breaker and the light switch.
  - b. Ensure the bulb is securely seated in the lamp holders (tombstones) and the pins are correctly aligned.
  - c. If using Plug & Play, verify the ballast is compatible and functioning correctly.
  - d. If using Ballast Bypass, re-check all wiring connections according to the diagram. Ensure live and neutral wires are correctly connected to the appropriate ends of the bulb.
- **Flickering or inconsistent light:**
  - a. If using Plug & Play, the ballast might be incompatible or failing. Consider bypassing the ballast or replacing it with a compatible one.
  - b. Ensure stable power supply to the fixture.
- **Smoking or burning smell:**
  - a. Immediately turn off power at the circuit breaker.
  - b. This indicates a serious electrical issue. Do not attempt to fix it yourself. Contact a qualified electrician immediately.

## 9. WARRANTY & SUPPORT

JESLED T8 LED Light Bulbs are protected by a comprehensive 3-Year Protection plan. For any technical support, warranty claims, or inquiries, please contact JESLED customer service directly through the Amazon messaging system. Our team is committed to providing reliable assistance.