

JESLED JW-4FTG13A2TC-24DW

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

Model: JW-4FTG13A2TC-24DW

1. PRODUCT OVERVIEW

The JESLED T8 4FT LED Type A+B Light Bulbs are designed as energy-efficient replacements for traditional fluorescent tubes. These bulbs offer versatile installation options, supporting both plug-and-play operation with an existing ballast or a ballast bypass wiring method. They provide bright, daylight white illumination suitable for various indoor applications.

Key Features:

- **Dual Installation Compatibility:** Supports both Plug & Play (with ballast) and Ballast Bypass wiring.
- **High Efficiency:** 24W power consumption, replacing 65W fluorescent tubes.
- **Bright Illumination:** Delivers 3000+ lumens with a 5000K Daylight White color temperature.
- **Long Lifespan:** Rated for 50,000+ hours of operation.
- **Instant On:** Provides immediate full brightness without flickering.
- **Durable Construction:** Made from Aluminum+PC for shatterproof performance.
- **ETL Listed:** Certified for safety and quality.
- **Environmentally Friendly:** No UV or IR radiation, and mercury-free.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installation or use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Power Disconnection:** Always turn off the power at the circuit breaker before installing, removing, or servicing the light bulbs.
- **Qualified Electrician:** Ballast bypass installation should be performed by a licensed electrician.
- **Compatibility:** Ensure your fixture is compatible with T8, T10, or T12 fluorescent tubes. These bulbs are not compatible with dimming ballasts.
- **Indoor Use Only:** These bulbs are rated for indoor use.
- **Handle with Care:** Although durable, handle bulbs carefully to prevent damage.

3. PACKAGE CONTENTS

- JESLED T8 4FT LED Type A+B Light Bulbs (Quantity: 4)
- Installation Guide (this document)



Image: Four JESLED T8 4FT LED Type A+B Light Bulbs, as typically included in a 4-pack.

4. INSTALLATION GUIDE

Important Considerations:

- Always ensure the power supply to the fixture is turned OFF at the circuit breaker before beginning any installation.
- JESLED T8 Type A+B LED tubes are dual-end powered.
- These bulbs are compatible with both shunted and non-shunted tombstones.

Installation Methods:

Method 1: Plug & Play (with Ballast)

This method allows for direct replacement of existing fluorescent tubes without modifying the fixture's wiring, provided the existing ballast is compatible. Refer to the ballast compatibility list below.

1. Turn off power to the fixture at the circuit breaker.
2. Remove the existing fluorescent tubes from the fixture.

3. Insert the JESLED T8 LED tubes into the existing lampholders (tombstones).
4. Turn on power to the fixture.

Method 2: Ballast Bypass (without Ballast)

This method involves removing the existing ballast and directly wiring the LED tubes to the main power supply. This is recommended for maximum energy efficiency and to eliminate future ballast maintenance. **This procedure should be performed by a licensed electrician.**

1. Turn off power to the fixture at the circuit breaker.
2. Remove the existing fluorescent tubes and the ballast cover.
3. Disconnect and remove the existing ballast and starter (if present).
4. Wire the hot (L) wire to one end of the fixture's lampholders and the neutral (N) wire to the lampholders on the opposite end. Ensure proper polarity for dual-end powered tubes.
5. Replace the ballast cover.
6. Insert the JESLED T8 LED tubes into the lampholders.
7. Turn on power to the fixture.

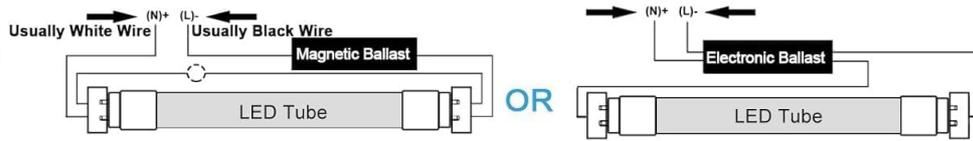


Image: Wiring diagrams for Plug & Play (with ballast) and Ballast Bypass (without ballast) installations. Note that ballast bypass requires removing the ballast and starter, and wiring hot and neutral to opposite ends of the tube.

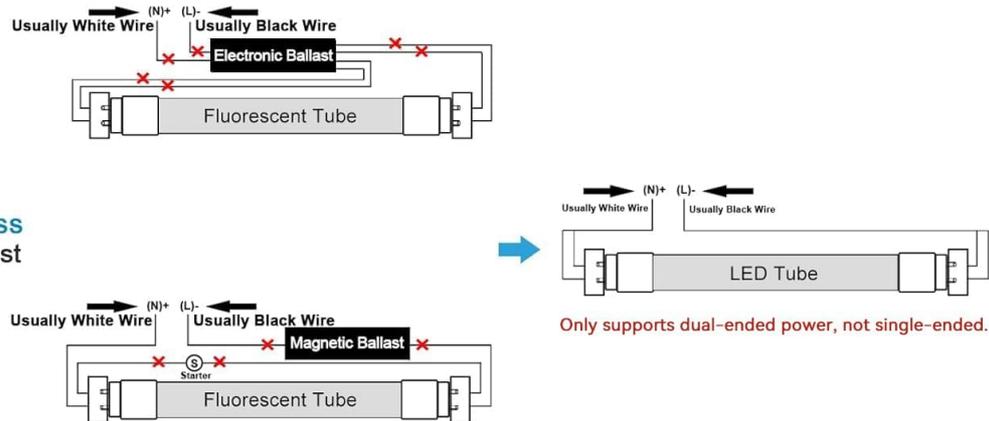
TYPE A+B INSTALLATION

Plug & Play | Ballast Bypass

Type A : Plug & Play With Ballast



Type B : Ballast Bypass Remove Ballast



CAUTION: Power must be turned off before and during installation.

Image: A close-up view of the JESLED T8 LED tube, highlighting its Bi-Pin G13 base and ETL Classified certification.

Ballast Compatibility:

For Plug & Play installation, ensure your existing ballast is compatible. A detailed ballast compatibility list is often provided by the manufacturer. If your ballast is not on the list, or if you prefer to eliminate the ballast, use the Ballast Bypass method.

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
GE432MAX-G-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.

Image: A list of compatible ballasts for JESLED T8 LED tubes. If your ballast is not listed, ballast bypass installation is recommended.

Installation Video:



Video: A demonstration of installing the JESLED T8 LED light bulbs, showing the process of replacing old fluorescent tubes with the new LED ones. This video is a preview and may be short.

5. OPERATING INSTRUCTIONS

Once the JESLED T8 LED tubes are correctly installed, operating them is straightforward:

- Ensure the power supply to the fixture is turned ON at the circuit breaker.
- Use your existing wall switch or fixture pull chain to turn the lights ON or OFF.
- The LED tubes will provide instant, full brightness without any warm-up time or flickering.

6. MAINTENANCE

JESLED T8 LED tubes require minimal maintenance due to their long lifespan and durable construction.

- **Cleaning:** Periodically wipe the tubes with a soft, dry cloth to remove dust. Do not use abrasive cleaners or solvents. Always turn off power before cleaning.

- **Inspection:** Occasionally inspect the tubes and fixture for any signs of damage or loose connections. If any issues are found, turn off power and consult a qualified electrician.
- **Replacement:** Due to the long lifespan, frequent replacement is not anticipated. If a tube fails, replace it with another compatible JESLED T8 LED tube.

7. TROUBLESHOOTING

If you encounter issues with your JESLED T8 LED tubes, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture, incorrect installation, incompatible ballast (for Plug & Play).	Check circuit breaker. Re-verify installation steps, especially wiring for ballast bypass. Ensure ballast compatibility or perform ballast bypass.
Bulb flickers.	Incompatible or failing ballast (for Plug & Play), loose connection.	Ensure ballast compatibility. If flickering persists, perform ballast bypass. Check for secure connections in the lampholders.
Reduced brightness.	Dust accumulation, incorrect voltage.	Clean the bulb surface. Verify the fixture's voltage matches the bulb's specifications (100-277V AC).

If problems persist after attempting these solutions, please contact JESLED customer support.

8. SPECIFICATIONS

Attribute	Value
Brand	JESLED
Model Number	JW-4FTG13A2TC-24DW
Light Type	LED
Wattage	24 Watts
Incandescent Equivalent	65 Watts
Bulb Shape Size	T8
Bulb Base	G13 (Bi-pin)
Brightness	3000 Lumens (White Brightness), up to 3200 Lumens (Light Output Maximum)
Color Temperature	5000 Kelvin (Daylight White)
Voltage	100-277 Volts (AC)
Average Life	50,000 Hours
Material	Aluminum+PC
Indoor/Outdoor Usage	Indoor

Attribute	Value
Color Rendering Index (CRI)	80
Special Features	Instant on, Non-dimmable, Dual-end Powered, Durable, Shatterproof, No UV/IR radiation, Mercury-free

9. WARRANTY AND SUPPORT

JESLED offers comprehensive customer support and warranty coverage for your product:

- **Warranty:** This product comes with a 3-year hassle-free warranty.
- **Refund Policy:** A 60-day refund policy is available.
- **Customer Support:** 24/7 after-sale support is provided.

For any questions, issues, or warranty claims, please contact JESLED directly through your purchase platform or their official website.

Related Documents - JW-4FTG13A2TC-24DW

	<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



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

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

JESLED
Solar Motion Light



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

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

CE UK FC RoHS

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

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[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.