

## JESLED JD-T9D205-10W-CW

# JESLED T9 LED Circline Light Bulb (8-Inch, 10W, 6000K Cool White) Instruction Manual

## 1. INTRODUCTION

This manual provides comprehensive instructions for the safe installation, operation, and maintenance of the JESLED T9 LED Circline Light Bulb. This 8-inch, 10W, 6000K Cool White LED bulb is engineered as an energy-efficient replacement for traditional 22W FC8T9 fluorescent ring lamps. Please read these instructions thoroughly before proceeding with installation.

## 2. SAFETY INFORMATION

**WARNING:** To prevent electric shock or damage to the product, always disconnect the power supply to the fixture at the circuit breaker before attempting any installation, removal, or maintenance procedures. Installation of this product requires electrical wiring modifications and should only be performed by a fully qualified and licensed electrician or technician.

**Crucial Note:** This LED bulb is designed for direct AC input. The existing fluorescent ballast **MUST BE REMOVED OR BYPASSED** before installing the JESLED T9 LED Circline Light Bulb. Failure to do so will result in immediate damage to the LED bulb and may pose a fire hazard.

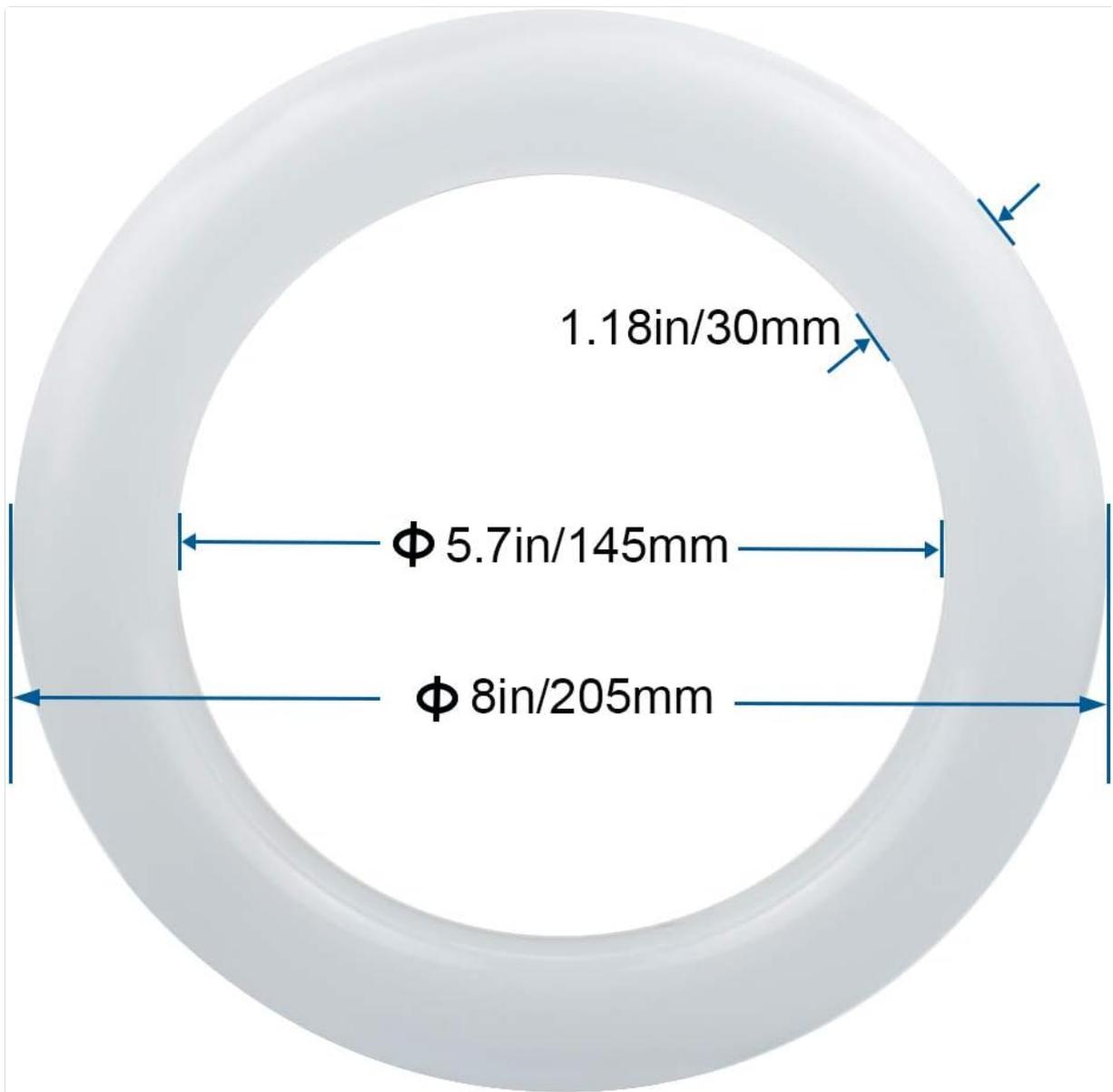
- Do not attempt to modify the bulb or its components.
- Ensure the operating voltage (85-265VAC) matches your electrical supply.
- Keep the bulb away from water and damp environments.
- Do not look directly into the operating LED light source for extended periods.

## 3. PACKAGE CONTENTS

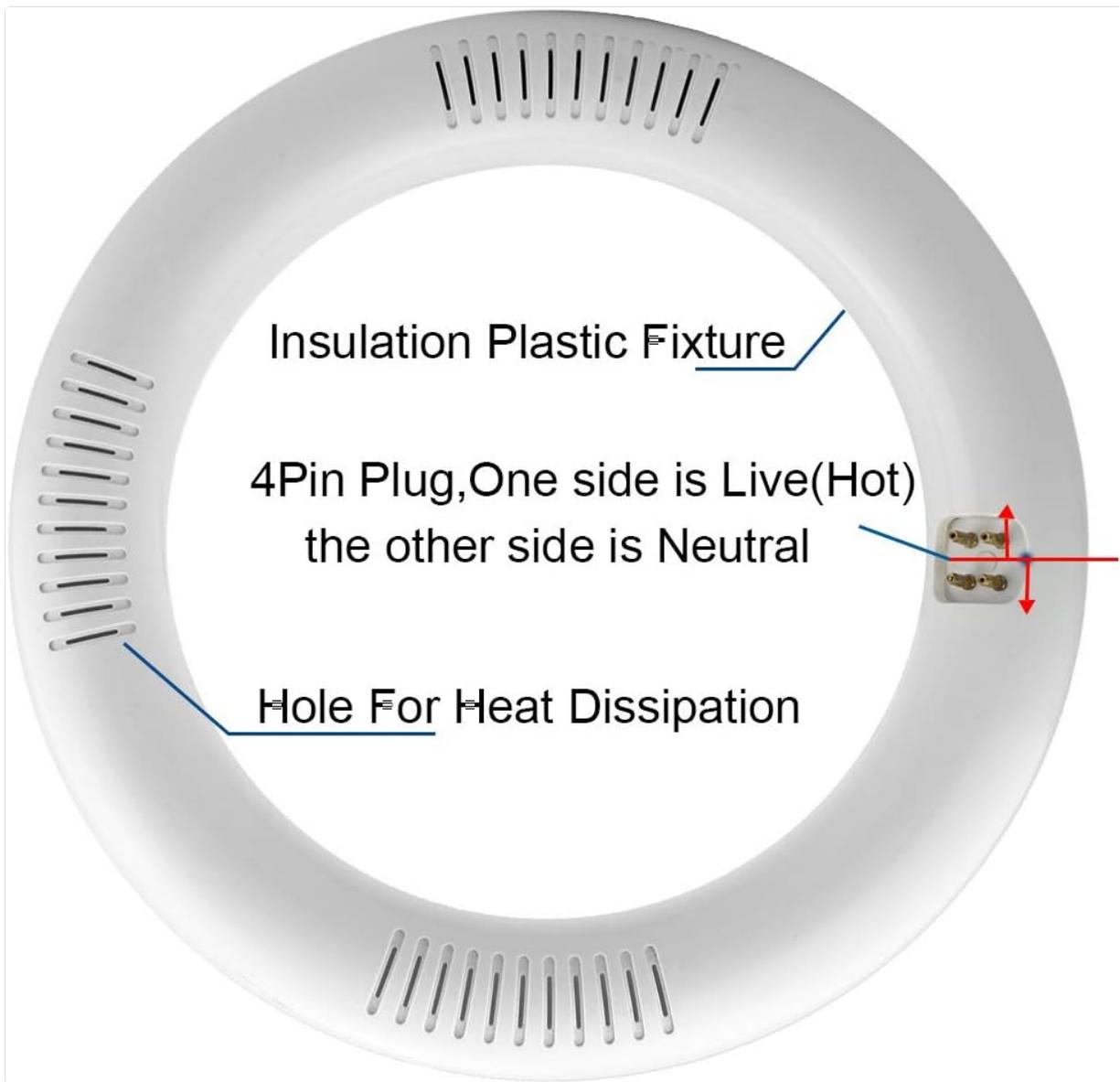
- 1 x JESLED T9 LED Circline Light Bulb (8-inch)
- 1 x G10Q Lamp Holder (for wiring connection)

## 4. SPECIFICATIONS

Attribute	Value
Model Number	JD-T9D205-10W-CW
Size	8 Inch (205mm outer diameter, 145mm inner diameter, 30mm thickness)
Wattage	10W
Brightness	1200 Lumen
Color Temperature	6000K Cool White
Voltage Input	85-265VAC
Material	Plastic
Shape	Circular
Special Features	Shatter Resistant
Bulb Type	LED (Replacement for Fluorescent FC8T9)
Base Type	4-Pin (G10Q Lampholder)
Item Weight	249 g



**Figure 1:** Dimensions of the JESLED T9 LED Circline Light Bulb. The bulb has an outer diameter of 8 inches (205mm), an inner diameter of 5.7 inches (145mm), and a thickness of 1.18 inches (30mm).



**Figure 2:** Key features of the JESLED T9 LED Circline Light Bulb, including the 4-pin plug (one side Live/Hot, the other Neutral) and holes for heat dissipation.

## 5. SETUP AND INSTALLATION

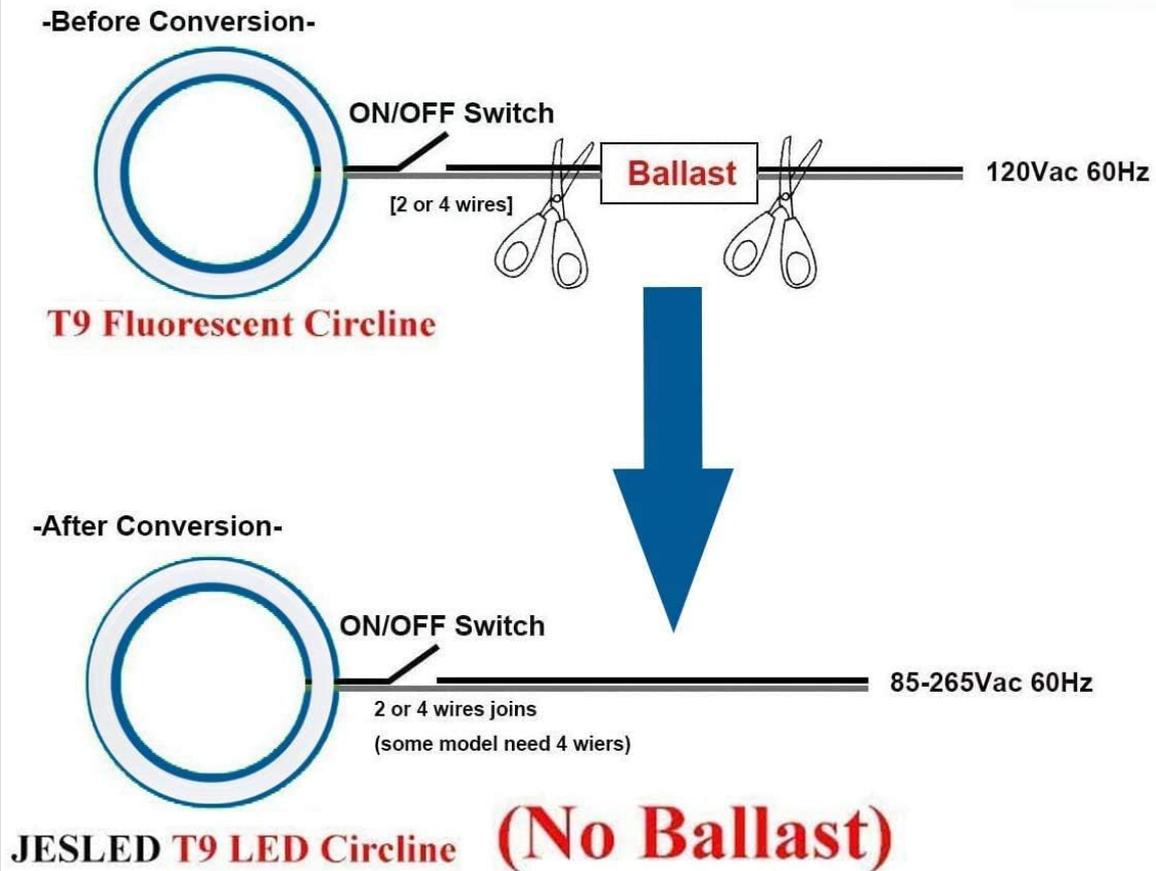
This LED circline bulb requires direct wiring to the main power supply (85-265VAC). The existing fluorescent ballast must be removed or bypassed. Follow these steps carefully:

1. **Disconnect Power:** Turn off the power to the light fixture at the circuit breaker. Verify that the power is off using a voltage tester.
2. **Remove Existing Components:** Carefully remove the old fluorescent circline lamp and any existing ballast from the fixture. Properly recycle these components according to local regulations.
3. **Bypass/Remove Ballast:** The ballast must be completely disconnected from the circuit. Identify the input wires (typically black and white for 120VAC) going into the ballast and the output wires going from the ballast to the lamp holder.
4. **Wire the G10Q Lamp Holder:** The provided G10Q lamp holder has two pairs of wires. Connect one pair to the Live (L) wire from your main power source and the other pair to the Neutral (N) wire from your main power source. Use appropriate wire nuts or connectors to ensure secure and insulated connections. Refer to the wiring diagrams below.
5. **Insert LED Lamp:** Insert the JESLED T9 LED Circline Light Bulb into the G10Q lamp holder. The 4-pin connector on the bulb can only be inserted in one direction.

6. **Secure and Test:** Secure the bulb and wiring within the fixture. Restore power at the circuit breaker and test the light.

## REPLACEMENT DIRECTION

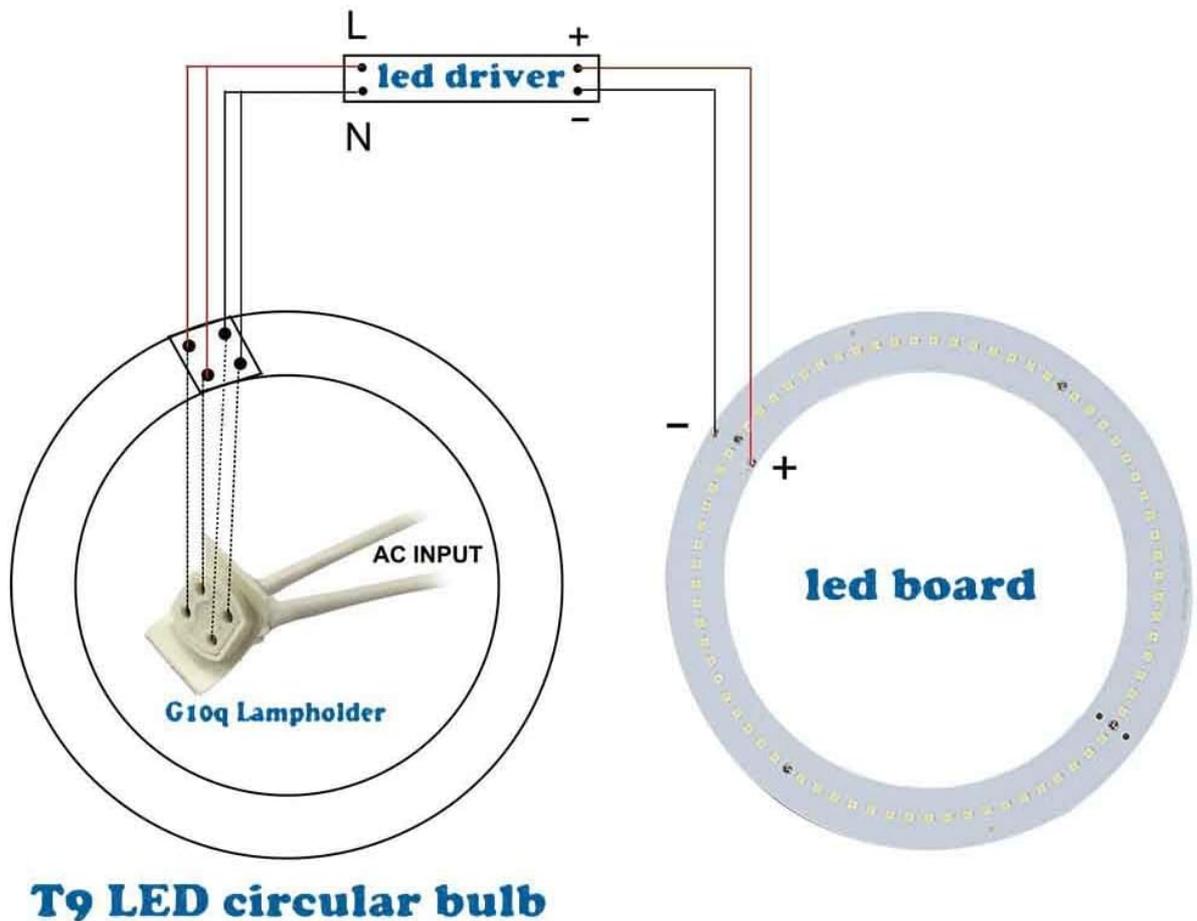
**Please remove the ballast before installation,  
otherwise the LED circline bulb will burn out!**



**Figure 3:** Diagram illustrating the necessity of ballast removal. The T9 fluorescent circline lamp and its ballast (2 or 4 wires) must be disconnected from the 120Vac 60Hz power source. The JESLED T9 LED circline bulb then connects directly to the 85-265Vac 60Hz power source.

# Diagram of JESLED T9 LED Circular Bulb

**Warning!** Please ensure your wiring is the same with this circuit diagram.



**Figure 4:** Detailed wiring diagram for the JESLED T9 LED Circular Bulb. The AC input (Live 'L' and Neutral 'N') connects to the G10Q lampholder, which then powers the LED board within the bulb. Ensure your wiring matches this circuit diagram.

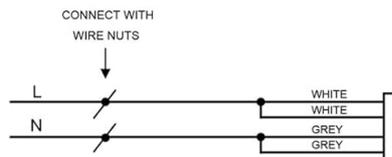
## JESLED LIGHTING

### REMOVING EXISTING SYSTEM

- Disconnect power to fixture.
- Remove existing lamps and properly recycle.
- Remove any existing **Ballast** and properly recycle.

### ( Figure A ) LED WIRING

120 VAC (POWER SOURCE)



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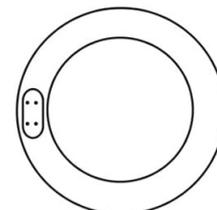
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## INSTALLATION INSTRUCTIONS

T9 CIRCLE LAMPS - JD-T9 LED SERIES

### INSTALLING LED LAMPS ( see figure A for wiring diagram)

- Lamp supplied with a G10Q lamp holder.
- Wire G10Q lamp holder to power source. (Fig.A)
- Insert JESLED T9 LED lamp into existing fixture.
- Plug G10Q lamp holder into JESLED T9 LED lamp
- Resupply power to fixture.



EMC Approved  
(No Radio Interference)



G10Q lamp holder

### CAUTION!

DISCONNECT POWER SUPPLY BEFORE INSTALLATION OR MAINTENANCE.  
INSTALLATION OF THIS PRODUCT SHOULD BE DONE BY A FULLY QUALIFIED AND  
LICENSED ELECTRICIAN OR TECHNICIAN.

**Figure 5:** Simplified installation instructions and wiring diagram. Disconnect power, remove existing lamp and ballast. Wire

the G10Q lamp holder to the 120 VAC power source (L and N wires, typically black and white). Insert the JESLED T9 LED lamp into the G10Q holder, then plug the holder into the lamp. Resupply power to the fixture. Note: EMC Approved (No Radio Interference).



**Figure 6:** The JESLED T9 LED Circline Light Bulb installed within a ceiling fixture, demonstrating its circular form factor.

## 6. OPERATING INSTRUCTIONS

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Once properly installed and power is restored to the fixture, the JESLED T9 LED Circline Light Bulb operates like any standard light source. Use the existing wall switch or fixture switch to turn the light on and off.

## 7. MAINTENANCE

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LED bulbs are known for their long lifespan and require minimal maintenance. To ensure optimal performance and longevity:

- **Cleaning:** Disconnect power before cleaning. Gently wipe the bulb and fixture with a soft, dry cloth. Do not use liquid cleaners, abrasive materials, or solvents, as these can damage the bulb's surface.
- **Inspection:** Periodically inspect the bulb and wiring for any signs of damage or loose connections. If any issues are found, disconnect power immediately and consult a qualified electrician.

## 8. TROUBLESHOOTING

If the JESLED T9 LED Circline Light Bulb does not function as expected, consider the following:

- **Light does not turn on:**
  - Ensure the power supply to the fixture is connected and the wall switch is in the 'ON' position.
  - Verify that the existing fluorescent ballast has been completely removed or bypassed. This LED bulb requires direct AC input.
  - Check all wiring connections for secure contact and proper insulation.
  - Confirm the bulb is correctly seated and fully plugged into the G10Q lamp holder.
  - Test the fixture with another known working bulb (if applicable and safe to do so) to rule out a fixture issue.
- **Light flickers or is dim:**
  - Ensure stable power supply.
  - Recheck wiring connections for any loose contacts.
  - Confirm the ballast has been fully removed. Partial bypass or a faulty ballast can cause issues.

If troubleshooting steps do not resolve the issue, please contact JESLED customer support.

## 9. WARRANTY AND SUPPORT

JESLED stands behind its products with a commitment to customer satisfaction. This product includes:

- **60-Day Full Refund Policy:** If you are not satisfied with your purchase, you may be eligible for a full refund within 60 days.
- **3-Year Warranty:** The JESLED T9 LED Circline Light Bulb is covered by a 3-year warranty against manufacturing defects.
- **24/7 After-Sale Support:** For any questions, concerns, or warranty claims, please contact JESLED customer support directly.

### Contact Information:

Email: [jesled@163.com](mailto:jesled@163.com)

Phone: +86 185 7558 8152

## Related Documents - JD-T9D205-10W-CW

	<p><a href="#">JESLED T8 4FT LED Tube User Manual: Dual-End Power Installation Guide</a></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><a href="#">Battery Operated Wall Sconce User Manual - JD0486AGN</a></p> <p>User manual for the Battery Operated Wall Sconce, Model JD0486AGN, providing setup, operation, and troubleshooting information.</p>

 <p><b>JESLED</b> Manuale d'uso Lampada da parete con sensore solare</p> <p>Telecomando 5-8 metri</p> <p>CE UK FCC RoHS</p> <p><b>Caratteristiche</b></p> <ul style="list-style-type: none"> <li>• Sensore di movimento</li> <li>• Pannello a LED</li> <li>• Telecomando</li> <li>• Batteria a lunga durata</li> <li>• Facile da installare</li> <li>• Design moderno</li> <li>• Materiale di alta qualità</li> <li>• Facile da pulire</li> <li>• Resistente alle intemperie</li> <li>• Facile da montare</li> <li>• Facile da smontare</li> <li>• Facile da trasportare</li> <li>• Facile da conservare</li> </ul> <p>Il manuale di istruzioni è disponibile presso il rivenditore o il sito web del produttore. Per ulteriori informazioni, visitate il sito web del produttore.</p>	<p><a href="#">JESLED Lampada da Parete Solare con Sensore: Manuale d'Uso e Specifiche</a></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><b>JESLED</b> Benutzerhandbuch Wandleuchte mit Solarsensor</p> <p>Fernbedienung 5-8 Meter</p> <p>CE UK FCC RoHS</p> <p><b>Merkmale</b></p> <ul style="list-style-type: none"> <li>• Solarbetrieb</li> <li>• USB-Aufladung</li> <li>• Infrarot-Erkennung</li> <li>• Akkumulator</li> <li>• Leicht zu installieren</li> <li>• Modernes Design</li> <li>• Hohe Qualität</li> <li>• Leicht zu reinigen</li> <li>• Leicht zu montieren</li> <li>• Leicht zu demontieren</li> <li>• Leicht zu transportieren</li> <li>• Leicht zu lagern</li> </ul> <p>Bitte lesen Sie diese Anweisung vor der Installation und bewahren Sie diese Bedienungsanleitung zum späteren Nachschlagen auf.</p>	<p><a href="#">JESLED Solar Wall Light with Sensor User Manual</a></p> <p>Comprehensive user manual for the JESLED Solar Wall Light with Sensor, detailing features, specifications, operating modes, installation, and safety information.</p>
 <p><b>JESLED</b> Solar Motion Light</p> <p>EC REP</p> <p>UK REP</p> <p>CE UK FCC RoHS</p> <p>Manufacturer: Dong Guan City Shengwei Lighting Co., Ltd MADE IN CHINA</p> <p>Please kindly read this instruction before your installation. Please kindly keep this user manual for future reference.</p>	<p><a href="#">JESLED Solar Motion Light: User Manual, Specifications, and Installation Guide</a></p> <p>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.</p>
 <p><b>JESLED</b> Solar Motion Light</p> <p>EC REP</p> <p>UK REP</p> <p>CE UK FCC RoHS</p> <p>Manufacturer: Dong Guan City Shengwei Lighting Co., Ltd MADE IN CHINA</p> <p>Please kindly read this instruction before your installation. Please kindly keep this user manual for future reference.</p>	<p><a href="#">JESLED Solar Motion Light User Manual and Installation Guide</a></p> <p>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.</p>