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› ELEKICO 8ft T8 LED Bulb Instruction Manual

## ELEKICO 8ft T8 LED 9500Lumen 5000k

# ELEKICO 8ft T8 LED Bulb Instruction Manual

Model: 8ft T8 LED 9500Lumen 5000k

## 1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient installation, operation, and maintenance of your ELEKICO 8ft T8 LED Bulbs. These high-output LED tubes are designed as replacements for traditional T8, T10, and T12 fluorescent tubes, offering superior brightness and energy efficiency for various indoor applications such as garages, workshops, warehouses, and commercial spaces.

# 8FT LED BULBS SUPER BRIGHT



5000K



AC  
100-277V



50,000  
Hours



384PCS  
LED Chips



Super  
Bright



Y-EAR



75W



Energy  
Saving

Image: A single ELEKICO 8ft T8 LED bulb, showcasing its V-shaped design and single-pin FA8 base. This bulb is designed for high brightness and energy efficiency.

## 2. SAFETY INFORMATION

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

- **Risk of Electric Shock:** Always disconnect power at the circuit breaker or fuse box before installing or servicing the fixture.
- **Ballast Bypass Required:** These LED bulbs require a ballast bypass. Do not install these bulbs into

a fixture with an active ballast. The ballast must be removed or bypassed before installation.

- **Qualified Electrician:** If you are unfamiliar with electrical wiring, consult a qualified electrician for installation.
- **Indoor Use Only:** These bulbs are designed for indoor general lighting and non-dimmable applications.
- **Shatter Resistant:** While shatter resistant, handle with care to avoid damage.
- **Voltage Compatibility:** Ensure the fixture's voltage is compatible with the bulb's operating voltage (100-277V AC).

### 3. PACKAGE CONTENTS

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Verify that all components are present and undamaged upon opening the package.

- 8ft LED bulb (Quantity as per purchase, e.g., 10-pack)



Image: Close-up view of the ELEKICO 8ft T8 LED bulb, highlighting its 8ft length and 1.02 inch diameter, along with the FA8 single-pin base.

## 4. PRODUCT FEATURES

- **High Brightness:** 9500 Lumens output with 5000K Cool Daylight White color temperature.
- **Energy Efficient:** 75W power consumption, equivalent to 150W incandescent.
- **V-shaped Dual Row LED Chips:** Provides a wider 270-degree beam angle for enhanced illumination.
- **Long Lifespan:** Rated for 50,000 hours of operation.

- **Durable Construction:** Aluminum material, shatter-resistant clear cover.
- **Wide Voltage Range:** Operates on 100-277V AC.
- **Non-Dimmable:** Designed for non-dimmable applications.



# V-SHAPED DESIGN DUAL ROW LED CHIPS



|        |                 |                     |                |                     |
|--------|-----------------|---------------------|----------------|---------------------|
| Ours   | Lumen<br>9500LM | LED chip<br>384 PCS | Wattage<br>75W | warranty<br>5 years |
| Others | Lumen<br>7500LM | LED chip<br>256 PCS | Wattage<br>65W | warranty<br>1 years |

Image: A visual comparison highlighting the V-shaped dual row LED chip design of the ELEKICO bulb ("Ours") versus a standard single-row design ("Others"), emphasizing the wider illumination angle and higher lumen output.

# 384 PCS EPISTAR LED CHIPS

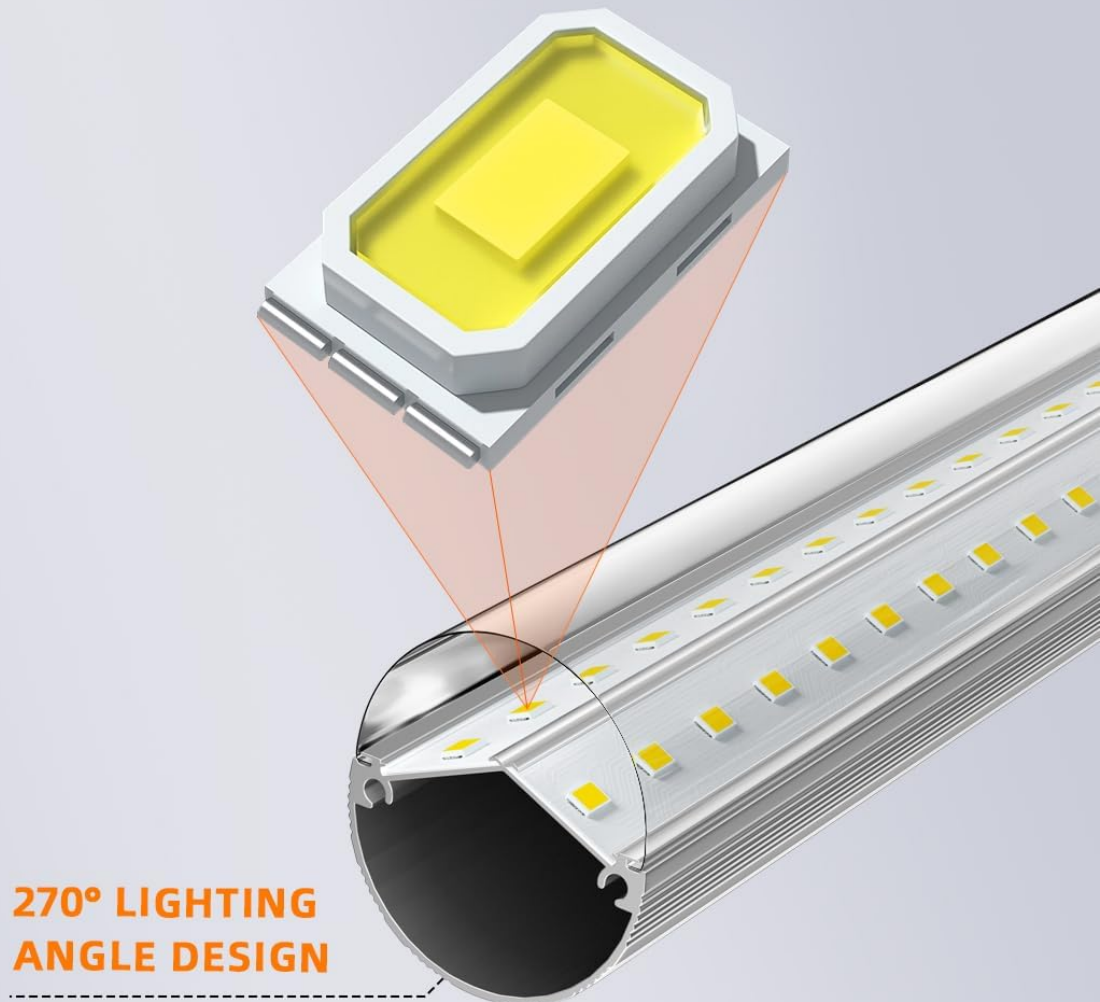


Image: An illustration showing the internal structure of the ELEKICO 8ft T8 LED bulb, detailing the 384 Epistar LED chips and the 270-degree lighting angle design for broad light distribution.

## 5. SETUP AND INSTALLATION

These 8ft LED bulbs are designed for direct wire installation, requiring the removal or bypass of the existing ballast in your fluorescent fixture. This is a critical step for proper function and safety.

### Installation Steps:

1. **Power Disconnection:** Turn off power to the fixture at the circuit breaker or fuse box. Verify power is

off using a voltage tester.

2. **Remove Old Bulbs:** Carefully remove the existing fluorescent tubes from the fixture.
3. **Bypass/Remove Ballast:**
  - Locate the ballast inside the fixture.
  - Cut all wires leading to and from the ballast.
  - Connect the live (hot) wire from the power source directly to one end of the lamp holders (shunted or non-shunted).
  - Connect the neutral wire from the power source directly to the other end of the lamp holders.
  - Ensure all connections are secure with wire nuts and insulated.
  - Remove the ballast completely or ensure it is fully disconnected.
4. **Install LED Bulbs:** Insert the ELEKICO 8ft LED bulbs into the lamp holders. Ensure the single FA8 pins are correctly seated.
5. **Restore Power:** Turn the power back on at the circuit breaker.
6. **Test:** Verify the LED bulbs illuminate correctly.

**Important Note:** These bulbs are designed for single-ended power. Ensure wiring is configured correctly to avoid damage to the bulbs or fixture.

Your browser does not support the video tag.

Video: An official ELEKICO video demonstrating the "Super Bright 8FT Led Bulbs" in various applications, providing a visual reference for their brightness and usage. This video is provided by the seller HIGHLUX.

## 6. OPERATING INSTRUCTIONS

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Once properly installed and wired, operating your ELEKICO 8ft T8 LED bulbs is straightforward:

- **Power On/Off:** Use the standard wall switch or fixture switch to turn the lights on or off.
- **Non-Dimmable:** These bulbs are not compatible with dimmer switches. Attempting to use them with a dimmer may cause damage or malfunction.

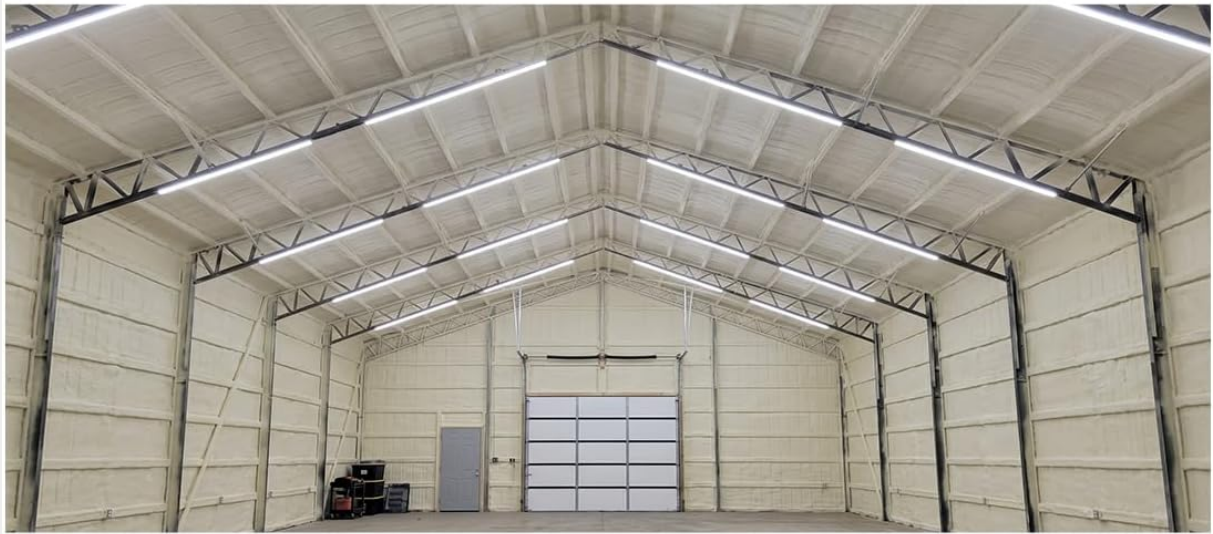


Image: Multiple ELEKICO 8ft T8 LED bulbs installed in a garage setting, demonstrating their bright and uniform illumination for a workspace.

## 7. MAINTENANCE

ELEKICO LED bulbs require minimal maintenance due to their long lifespan and durable design.

- **Cleaning:** Ensure power is off before cleaning. Use a soft, dry cloth to wipe the surface of the bulb. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the bulbs and wiring for any signs of damage or loose connections.

- **Replacement:** If a bulb fails, replace it with another ELEKICO 8ft T8 LED bulb of the same specifications.

## 8. TROUBLESHOOTING

If you encounter issues with your ELEKICO 8ft T8 LED bulbs, refer to the following common troubleshooting steps:

| Problem                 | Possible Cause                                                                                             | Solution                                                                                                                                                         |
|-------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bulb does not light up. | No power to the fixture.<br>Incorrect wiring (ballast not bypassed).<br>Loose connection.<br>Damaged bulb. | Check circuit breaker.<br>Verify ballast has been bypassed and wiring is correct.<br>Ensure bulb is securely seated in lamp holders.<br>Replace bulb if damaged. |
| Bulb flickers.          | Incompatible dimmer switch.<br>Loose connection.<br>Voltage fluctuation.                                   | Ensure no dimmer switch is used.<br>Check connections.<br>Consult an electrician if voltage issues persist.                                                      |
| Reduced brightness.     | Dust or dirt on the bulb.<br>End of bulb lifespan.                                                         | Clean the bulb with a soft, dry cloth (power off).<br>Replace the bulb.                                                                                          |

## 9. SPECIFICATIONS

| Feature              | Detail                             |
|----------------------|------------------------------------|
| Brand                | ELEKICO                            |
| Model Name           | ELEKICO 8ft T8 LED 9500Lumen 5000k |
| Light Type           | LED                                |
| Wattage              | 75 Watts                           |
| Luminous Flux        | 9500 Lumens                        |
| Color Temperature    | 5000 Kelvin (Cool Daylight White)  |
| Bulb Shape Size      | T8                                 |
| Bulb Base            | FA8 Single Pin                     |
| Voltage              | 100-277 Volts (AC)                 |
| Beam Angle           | 270 Degrees                        |
| Lifespan             | 50,000 Hours                       |
| Special Feature      | Non Dimmable, Shatter Resistant    |
| Indoor Outdoor Usage | Indoor                             |
| Material Type        | Aluminum                           |

| Feature                 | Detail                                                 |
|-------------------------|--------------------------------------------------------|
| Item Weight             | 15 Pounds (for a pack, specific bulb weight not given) |
| Item Dimensions (W x H) | 93.9"W x 1.38"H (approx. 8ft length)                   |

## 10. WARRANTY AND SUPPORT

ELEKICO products are designed for reliability and performance. For any questions or assistance, please refer to the following information:

- **Warranty:** The product comes with a 5-year warranty. Please retain your proof of purchase for warranty claims.
- **Returns:** A 30-day free return, refund, or replacement policy is available through Amazon.
- **Customer Support:** For further assistance, please contact ELEKICO customer service. Refer to the product packaging or the ELEKICO brand store on Amazon for contact details.



Image: An image indicating "Professional After-Sales Support" and "7/24 Hours Customer Service" along with a "5 Years Warranty" shield, reinforcing ELEKICO's commitment to customer satisfaction.