

signmark T8 4FT 24W

signmark T8 4FT LED Integrated Tube Light Fixture User Manual

1. INTRODUCTION

Thank you for choosing the signmark T8 4FT LED Integrated Tube Light Fixture. This manual provides essential information for the safe installation, operation, and maintenance of your new lighting product. Please read these instructions thoroughly before use and retain them for future reference.

2. IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when installing or using electrical products to reduce the risk of fire, electric shock, and personal injury.

- **Disconnect Power:** Always ensure the power supply is turned off at the circuit breaker before installation, maintenance, or cleaning.
- **Qualified Personnel:** Installation should be performed by a qualified electrician if you are unsure about electrical wiring.
- **Indoor Use Only:** This product is designed for indoor use. Do not expose to water or moisture.
- **Proper Voltage:** Ensure the input voltage (AC110~277V) matches your electrical system.
- **Circuit Load:** We highly recommend each circuit wire under 100W (4x24W) to prevent overload.
- **Avoid Direct Eye Exposure:** Do not stare directly into the LED light source when illuminated.
- **No User-Serviceable Parts:** Do not attempt to open or modify the fixture.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package. If any items are missing or damaged, please contact customer support.

- T8 4FT LED Integrated Tube Light Fixtures (Quantity as per pack size, e.g., 6 count)
- Power Cords with ON/Off Switch (59 inches, 3 pieces for a 6-pack)
- Connecting Cables (48 inches, 5 pieces for a 6-pack)
- Small Connectors (12 inches, 2 pieces for a 6-pack)

- Mounting Clips (6 pairs for a 6-pack)
- Mounting Screws



Figure 3.1: Included Product Accessories

4. PRODUCT SPECIFICATIONS

Feature	Specification
Model	T8 4FT Integrated Tube Light
Power	24W
Length	4 foot (48 inches)
Color Temperature (CCT)	6000-6500K (Daylight White)
Luminous Flux	2640 Lumens (110lm per watt)
Color Rendering Index (CRI)	85

Input Voltage	AC110~277V
Lamp Power Factor	0.95
Beam Angle	180 Degrees
Lifespan	Up to 50,000 hours
Material	Aluminum, PC (Clear Cover)
Special Features	Energy Efficient, High Efficiency, Instant On, Lightweight, Plug and Play



Figure 4.1: T8 Integrated Base Dimensions

5. INSTALLATION INSTRUCTIONS

The signmark T8 LED tube lights offer flexible installation options, including plug-and-play or hardwire connections, and are linkable for extended lighting.

5.1 Mounting the Fixtures

1. **Marking:** Determine the desired location for your light fixtures. Use a pencil to mark the positions for the mounting clips.
2. **Drilling:** Drill pilot holes at the marked positions.
3. **Secure Clips:** Attach the mounting clips to the surface using the provided screws.
4. **Install Fixture:** Snap the LED tube light into the secured mounting clips. Ensure it is firmly seated.

5.2 Electrical Connection Methods

There are two primary methods for connecting your signmark T8 LED tube lights:

- **Plug and Play:** For simple setup, connect the power cord with the ON/Off switch directly to the end of the first LED tube light, then plug it into a standard electrical outlet.
- **Hardwire:** For a more permanent installation, the fixtures can be hardwired into your electrical system. This method requires professional installation.

5.3 Linking Multiple Fixtures

Multiple T8 LED tube lights can be linked together to create a continuous lighting solution. Use the provided connecting cables or small connectors to join the fixtures end-to-end. Ensure the total wattage of linked lights does not exceed the recommended circuit load (under 100W per circuit).



Figure 5.1: Connection Methods and Linkability

6. OPERATING INSTRUCTIONS

Once installed, operating your signmark T8 LED tube light is straightforward.

- **Power On/Off:** If using the plug-and-play power cord, use the integrated ON/Off switch to control the light. For hardwired installations, use the wall switch connected to the circuit.
- **Brightness:** The fixtures provide over 2640 lumens of bright 6000K daylight white light, ideal for various environments.
- **Instant On:** These LED lights provide instant illumination without flickering or warm-up time.



Figure 6.1: Super Bright Illumination



T8 LED TUBE APPLICATION



Figure 6.2: T8 LED Tube Light Applications



Figure 6.3: Overview of the signmark T8 LED Tube Lights

7. CARE AND MAINTENANCE

The signmark T8 LED tube lights are designed for long-term, low-maintenance operation.

- **Cleaning:** Ensure the power is off before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the fixture. Do not use abrasive cleaners or solvents.
- **Longevity:** With a lifespan of up to 50,000 hours, frequent replacements are not necessary.
- **Environmental Benefits:** These lights are free from mercury, UV, and IR radiation, making them an environmentally friendly lighting solution.

8. TROUBLESHOOTING

If you encounter issues with your signmark T8 LED tube light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Light does not turn on	No power supply; Loose connection; Faulty switch	Check power outlet and circuit breaker. Ensure all connections are secure. Test the ON/Off switch.
Light flickers	Unstable power supply; Loose wiring	Verify stable power. Check all electrical connections.
Lights are not linking	Incorrect cable connection; Exceeded circuit load	Ensure connecting cables are properly inserted. Reduce the number of linked lights if exceeding 100W per circuit.

These LED fixtures are designed to operate without buzzing ballasts, providing quiet illumination.

9. WARRANTY INFORMATION

signmark provides a **2-Year Limited Warranty** for this T8 LED tube light product. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, please contact customer support.

10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to make a warranty claim, please contact signmark customer support through the retailer where the product was purchased or refer to the contact information provided on the product packaging.