

Barrina INWT804022600Dc

Barrina 8 Foot LED Tube Lights Instruction Manual

Model: INWT804022600Dc | Brand: Barrina

1. SAFETY INFORMATION

Please read all instructions carefully before installation and use. Retain this manual for future reference.

- **Electrical Safety:** Always ensure the power supply to the fixture is turned off at the circuit breaker before beginning any installation or maintenance. Improper wiring can lead to electric shock or fire.
- **Qualified Electrician:** If you are unsure about any part of the installation process, consult a qualified electrician.
- **Ballast Bypass:** These LED tubes require a ballast bypass. The existing fluorescent ballast must be removed or bypassed. Do not install these LED tubes with an active ballast.
- **Fixture Modification:** This fixture has been modified and no longer operates fluorescent lamps. Ballasts have been removed and there is line voltage being supplied to the sockets. Do not install fluorescent lamps. Do not use with standard dimmer.
- **Indoor Use Only:** This product is designed for indoor use only.
- **Handling:** Handle LED tubes with care to avoid breakage.

2. PACKAGE CONTENTS

Verify that all components are present and undamaged:

- Barrina 8 Foot LED Tube Lights (Quantity as per pack)
- Installation Accessories (e.g., wire nuts, reminder stickers)

3. SPECIFICATIONS

Feature	Specification
Brand	Barrina
Model Name	TBX44

Model Number	INWT804022600Dc
Light Type	LED
Wattage	44 Watts
Brightness	5500 Lumens
Color Temperature	6500 Kelvin (White)
Bulb Shape Size	T8
Base Type	FA8 Single Pin
Voltage	100 to 240 Volts (AC)
Frequency	50 Hertz to 60 Hertz
Color Rendering Index (CRI)	85
Beam Angle	160 Degrees
Material Type	Aluminium and PC
Lifespan	Up to 50,000+ rated hours
Special Feature	Ballast bypass, Corded, ETL Listed, Instant On, Single Pin FA8 base
Indoor Outdoor Usage	Indoor

Note: Specifications are subject to change without notice.

4. SETUP AND INSTALLATION

These Barrina LED tube lights are designed for easy installation, but require bypassing or removing the existing fluorescent ballast. Always ensure power is OFF before starting.

4.1 Ballast Bypass Wiring (Dual-Ended Power Supply)

This installation method involves removing the existing ballast and directly wiring the LED tubes to the main power supply. This is a Type B installation (Hot at one end, Neutral at the other).

- Turn Off Power:** Locate the circuit breaker controlling the light fixture and turn off the power. Verify with a voltage tester that the power is off.
- Access Wiring:** Open the light fixture to access the ballast and wiring.
- Remove Ballast:** Carefully cut off all wires connected to the ballast. Remove the ballast from the fixture.
- Prepare Wires:** Strip the ends of the wires that were connected to the ballast and tombstone sockets.
- Connect Live Wire:** Connect the live (hot) wire from the power supply to the wires leading to one end of the LED tube sockets. Secure with wire nuts and electrical tape.
- Connect Neutral Wire:** Connect the neutral wire from the power supply to the wires leading to the other end of the LED tube sockets. Secure with wire nuts and electrical tape.
- Ground Wire:** Ensure the ground wire (typically green or bare copper) is securely connected to the fixture's metal housing.
- Secure Wiring:** Neatly tuck all wiring back into the fixture and close the cover.
- Insert LED Tubes:** Carefully insert the Barrina LED tubes into the fixture sockets.

10. **Apply Warning Label:** Affix the provided warning sticker to the fixture, indicating that it has been modified for LED tubes and no longer uses a ballast or fluorescent lamps.
11. **Restore Power:** Turn the power back on at the circuit breaker.



Figure 4.1: Ballast Bypass Wiring Diagram (Type B)



Figure 4.2: Installation Steps - Cutting Wires and Inserting Tube

4.2 Installation Video Guide

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Video 4.1: Official Barrina T8 LED 8FT Tube Light Installation Guide. This video demonstrates the ballast bypass wiring process for Barrina LED tube lights.

5. OPERATING INSTRUCTIONS

Once properly installed, operating the Barrina LED tube lights is straightforward:

- **Power On/Off:** Use the wall switch or fixture pull chain (if applicable) to turn the lights on or off.
- **Instant On:** These LED tubes provide instant full brightness without flickering or warm-up time.



Figure 5.1: Power Connection and Operation

6. MAINTENANCE

Barrina LED tube lights require minimal maintenance:

- **Cleaning:** Ensure the power is off before cleaning. Use a soft, dry cloth to wipe the surface of the tubes. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the tubes and wiring for any signs of damage or loose connections. If any issues are found, turn off the power immediately and consult a qualified electrician.
- **No Bulb Replacement:** LED tubes have a long lifespan and do not require frequent bulb replacement like traditional fluorescent tubes.

7. TROUBLESHOOTING

If you encounter issues with your Barrina LED tube lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power supply; Incorrect wiring; Damaged tube	Check circuit breaker; Verify wiring connections (power off); Replace tube if damaged.
Light flickers	Loose connection; Incompatible dimmer (if used); Faulty tube	Check wiring connections (power off); Ensure no standard dimmer is used; Replace tube if faulty.
Uneven brightness	Faulty tube; Power fluctuation	Replace tube; Consult electrician for power issues.

If the problem persists after attempting these solutions, please contact Barrina customer support.

8. WARRANTY AND SUPPORT

Barrina LED Tube Lights come with a **3-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or any questions regarding your product, please contact Barrina customer support through the retailer where the product was purchased or visit the official Barrina website.

8.1 Product Applications

These LED tubes are ideal for various indoor settings requiring bright, efficient lighting, such as:

- Warehouses
- Garages
- Workshops
- Offices



Figure 8.1: Warehouse Application



Figure 8.2: Garage Application

8.2 Brand Video

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Video 8.1: Barrina Brand Story - Showcasing various applications of Barrina lighting products in different environments.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question