

## PHILIPS 046677230814

# Philips 21W 34in T5 Warm White Fluorescent Tube

Model: 046677230814

## INTRODUCTION

This manual provides essential information for the safe and effective use of your Philips 21W 34in T5 Warm White Fluorescent Tube. Please read these instructions carefully before installation and retain them for future reference.

## SAFETY INFORMATION

- **WARNING:** Risk of electric shock. Always disconnect power to the fixture before installing, removing, or cleaning the bulb.
- Do not use if the glass tube is cracked or broken.
- Handle fluorescent tubes carefully. They contain a small amount of mercury and should be disposed of according to local regulations.
- Ensure the bulb type and wattage match the requirements of your lighting fixture.
- This bulb is designed for indoor use only.

## SETUP AND INSTALLATION

Follow these steps to safely install your Philips T5 fluorescent tube:

1. **Disconnect Power:** Turn off the power supply to the lighting fixture at the circuit breaker or fuse box. Verify that the power is off before proceeding.
2. **Remove Old Bulb (if applicable):** If replacing an existing bulb, carefully twist or slide the old bulb out of its sockets. Dispose of it properly.
3. **Insert New Bulb:** Align the two pins of the new Philips T5 fluorescent tube (G5 base) with the slots in the fixture's sockets. Gently push the bulb into the sockets until it is securely seated. Do not force the bulb.
4. **Secure Bulb:** Ensure the bulb is firmly in place and the pins are fully engaged in the sockets.
5. **Restore Power:** Once the bulb is securely installed, restore power to the fixture.



An image showing the Philips T5 fluorescent tube, highlighting its cylindrical shape and the two-pin miniature bipin base at one end.

## OPERATING INSTRUCTIONS

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After successful installation, the Philips T5 fluorescent tube operates by simply turning on the power switch of your lighting fixture. The bulb will provide a warm white light, ideal for various indoor applications.

- **Light Output:** This 21W bulb provides 2100 lumens of warm white light (3000 Kelvin).
- **Lifespan:** The estimated average life of this bulb is 23.1 years based on 3 hours of use per day.

## MAINTENANCE

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Minimal maintenance is required for this fluorescent tube.

- **Cleaning:** Ensure the power is off and the bulb is cool before cleaning. Wipe the tube gently with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **Disposal:** Fluorescent tubes contain small amounts of mercury. Do not dispose of them in regular household waste. Consult your local waste management authority for proper recycling or disposal procedures.

## TROUBLESHOOTING

If your fluorescent tube is not functioning correctly, consider the following:

- **Bulb Does Not Light:**
  - Check if the power supply to the fixture is on.
  - Ensure the bulb is correctly seated in the sockets and the pins are making proper contact.
  - Inspect the bulb for any visible damage (e.g., cracked glass, broken pins).
  - Test the fixture with a known working bulb, or test the bulb in a known working fixture to determine if the issue is with the bulb or the fixture.
- **Flickering Light:**
  - Flickering can occur if the bulb is nearing the end of its life.
  - Ensure the bulb is properly installed and making good contact.
  - The fixture's ballast might be failing. Consult a qualified electrician if flickering persists with a new bulb.

## SPECIFICATIONS

Feature	Specification
Brand	PHILIPS
Model Number	046677230814
Light Type	Fluorescent
Wattage	21 Watts
Bulb Length	34 Inches
Bulb Shape Size	T5
Bulb Base	Miniature Bipin (G5)
Light Color	Warm White
Color Temperature	3000 Kelvin
Brightness	2100 Lumens
Average Life	23.1 Years (based on 3 hrs/day)
Voltage	120 Volts (Accepted: 100 to 240 Volts)
Indoor/Outdoor Usage	Indoor

## WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official Philips website or contact Philips customer service directly. Keep your purchase receipt as proof of purchase.

You can find more information on the official [Philips Store on Amazon](#).

