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## TCL HFSB-60000AD

# TCL 52" Ceiling Fan LED Module Replacement Guide

Model: HFSB-60000AD

## INTRODUCTION

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This manual provides detailed instructions for replacing the LED module in your TCL 52" Ceiling Fan with Lights (Model HFSB-60000AD). Please read all instructions carefully before beginning the replacement process to ensure safe and proper installation.

## SAFETY INFORMATION

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- **WARNING:** Always disconnect power to the ceiling fan at the circuit breaker before attempting any installation, maintenance, or replacement.
- Ensure the replacement LED module is compatible with your fan model.
- If you are unsure about any part of the installation, consult a qualified electrician.
- Handle the LED module carefully to avoid damage to the electronic components.

## PACKAGE CONTENTS

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Verify that all components are present before proceeding:

- 1 x Replacement LED Module (HFSB-60000AD compatible)



Image: The replacement LED module, a circular board with multiple small LED lights and central mounting holes.

## SETUP AND INSTALLATION

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1. **Step 1: Disconnect Power.** Before starting, ensure the power supply to the ceiling fan is completely turned off at the main circuit breaker.
2. **Step 2: Access the Light Kit.** Carefully remove the light cover or diffuser from your TCL 52" ceiling fan. This usually involves twisting or unscrewing the cover.
3. **Step 3: Disconnect Old LED Module.** Locate the existing LED module. It will typically be secured with screws or clips and connected by electrical wires. Disconnect the wiring harness from the old module.
4. **Step 4: Remove Old LED Module.** Unscrew or unclip the old LED module from its mounting position within the fan's light kit.
5. **Step 5: Install New LED Module.** Position the new replacement LED module in the same location. Ensure it aligns correctly with the mounting holes.
6. **Step 6: Connect Wiring.** Connect the wiring harness from the fan to the new LED module. Ensure connections are secure and correctly polarized if applicable.



Image: A close-up view showing the LED module installed within the ceiling fan's light housing, highlighting its replaceable nature.

- Step 7: Reattach Light Cover.** Once the new LED module is securely installed and wired, reattach the light cover or diffuser to the fan.
- Step 8: Restore Power.** Turn the power back on at the circuit breaker. Test the new LED module to ensure it functions correctly.

## OPERATING INSTRUCTIONS

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The replacement LED module is designed to integrate seamlessly with your TCL 52" Ceiling Fan's existing light controls. This module supports stepless dimming and tri-color temperature adjustments (3000K, 4000K, 6500K) if your fan model originally featured these capabilities.

- **Dimming:** Use your fan's remote control or wall switch (if applicable) to adjust the brightness of the LED light.
- **Color Temperature:** Cycle through the available color temperatures (Warm White, Neutral White, Cool White) using your fan's remote control or designated switch.

## Stepless Dimming and Color Temperature

Provide you with customized lighting options for different occasions

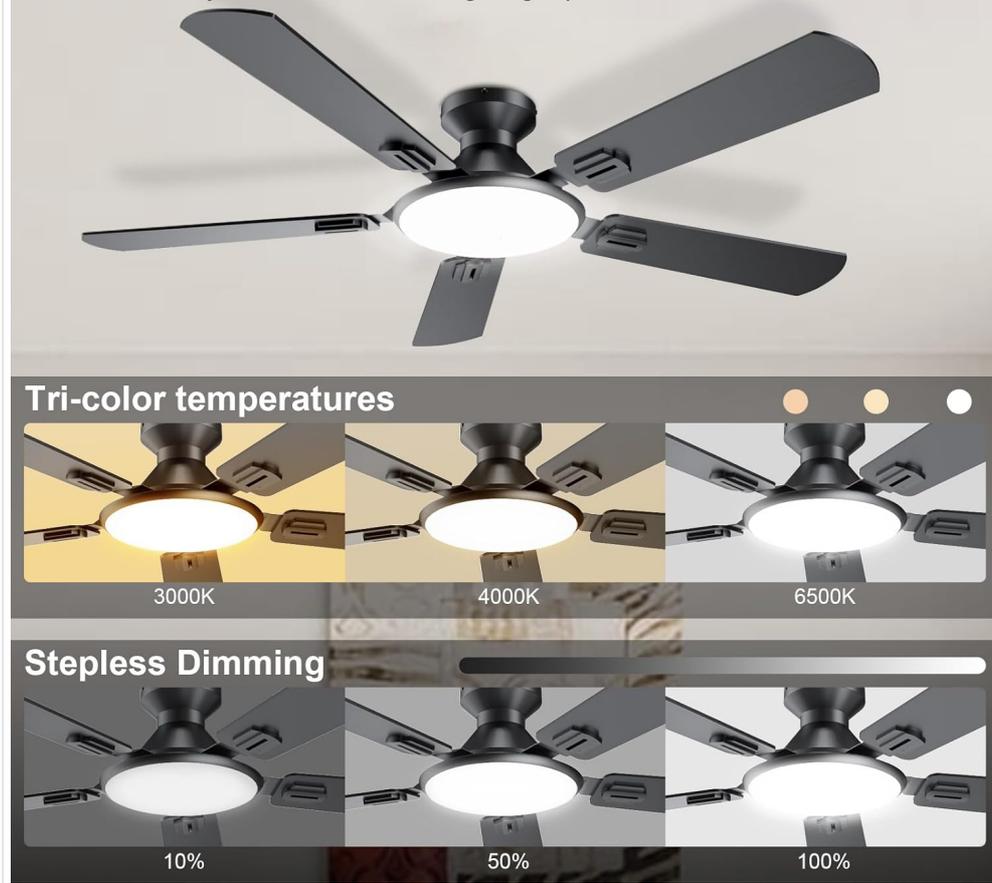


Image: A visual representation of a ceiling fan demonstrating stepless dimming from 10% to 100% and three color temperature options: 3000K (warm), 4000K (neutral), and 6500K (cool).

## MAINTENANCE

- **Cleaning:** Ensure power is off before cleaning. Use a soft, dry cloth to gently wipe the LED module and light cover. Do not use abrasive cleaners or solvents.
- **Longevity:** LED modules are designed for long life. Avoid frequent power cycling to maximize lifespan.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
LED module does not light up.	No power; Loose wiring; Faulty module.	Check circuit breaker. Ensure all wires are securely connected. If problem persists, the module may be faulty.
Light flickers or dims unexpectedly.	Incompatible dimmer; Loose connection.	Ensure your fan's dimmer is compatible with LED lights. Check wiring connections.
Incorrect color temperature or dimming not working.	Fan control issue; Module not fully compatible.	Refer to your ceiling fan's original manual for control troubleshooting. Verify module compatibility.

Problem	Possible Cause	Solution
Module appears damaged.	Physical damage during handling or shipping.	Do not install a damaged module. Contact customer support for a replacement.

## SPECIFICATIONS

- **Brand:** TCL
- **Model:** HFSB-60000AD (Replacement LED Module)
- **ASIN:** B0DWRTBGRX
- **UPC:** 846042019590
- **Package Dimensions:** 4 x 4 x 1 inches; 8 ounces
- **Manufacturer:** TCL
- **First Available:** February 11, 2025

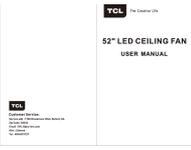
## WARRANTY AND SUPPORT

For warranty information or technical support regarding your replacement LED module, please contact TCL customer service. Refer to your original ceiling fan documentation or visit the official TCL website for contact details.

You can also visit the [TCL Store on Amazon](#) for more product information.

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## Related Documents - HFSB-60000AD

	<p><a href="#">TCL 52" LED Ceiling Fan User Manual</a></p> <p>User manual for the TCL 52" LED Ceiling Fan, providing safety information, product specifications, installation instructions, operation details, and care guidelines.</p>
	<p><a href="#">TCL 30V 5G User Guide</a></p> <p>Comprehensive user guide for the TCL 30V 5G smartphone, covering setup, features, settings, troubleshooting, and specifications. Learn how to use your TCL-T781S or TCL-T781SPP device effectively.</p>
	<p><a href="#">TCL TAB 10L Gen 2 Quick Start Guide</a></p> <p>Get started quickly with the TCL TAB 10L Gen 2. This guide provides essential information for setup, safety, and basic usage of your new TCL tablet.</p>

**Loppukäyttäjän  
huotokäsikirja**  
**TCL 60R 5G**  
**T519H**

- 1. Tarkista laitteesta löytyvä kaikki tarvittavat työkalut ja varusteet.
- 2. Lue kaikki ohjeet huolellisesti läpi ennen kuin aloitat työt.
- 3. Käytä vain alkuperäisiä osia ja komponentteja.
- 4. Varmista, että kaikki osat ovat oikein asennettu.
- 5. Käytä tarvittavia suojausvälineitä.
- 6. Varmista, että kaikki osat ovat oikein asennettu.
- 7. Käytä vain alkuperäisiä osia ja komponentteja.
- 8. Varmista, että kaikki osat ovat oikein asennettu.
- 9. Käytä tarvittavia suojausvälineitä.
- 10. Varmista, että kaikki osat ovat oikein asennettu.

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[TCL 60R 5G \(T519H\) Service Manual](#)

This service manual provides detailed instructions for the repair and maintenance of the TCL 60R 5G (T519H) smartphone. It covers safety precautions, disassembly, component replacement, and reassembly procedures.

**Príručka na opravy pre  
koncového používateľa**  
**TCL onetouch 4042S**  
**T312D1**

- 1. Pred začatím oprav si pozrite na všetky potrebné nástroje a príslušenstvo.
- 2. Pred začatím oprav si pozrite na všetky potrebné nástroje a príslušenstvo.
- 3. Pred začatím oprav si pozrite na všetky potrebné nástroje a príslušenstvo.
- 4. Pred začatím oprav si pozrite na všetky potrebné nástroje a príslušenstvo.
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- 7. Pred začatím oprav si pozrite na všetky potrebné nástroje a príslušenstvo.
- 8. Pred začatím oprav si pozrite na všetky potrebné nástroje a príslušenstvo.
- 9. Pred začatím oprav si pozrite na všetky potrebné nástroje a príslušenstvo.
- 10. Pred začatím oprav si pozrite na všetky potrebné nástroje a príslušenstvo.

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[TCL Onetouch 4042S T312D1 Repair Manual](#)

This manual provides detailed instructions for the repair and maintenance of the TCL Onetouch 4042S T312D1, covering safety precautions, disassembly, reassembly, and troubleshooting.



**TCL 50 NxtPaper 5G**  
Full-Size Electronic Paper Display

[TCL 50 NxtPaper 5G User Manual & Guide - TCL T702D](#)

Download the official user manual for the TCL 50 NxtPaper 5G (TCL T702D) smartphone. Get detailed instructions on setup, features, settings, troubleshooting, and specifications for your electronic paper display device.