

Amico HS-STC509WH

Amico 4 Inch 5CCT Ultra-Thin LED Recessed Light Instruction Manual

Model: HS-STC509WH

1. INTRODUCTION

Thank you for choosing the Amico 4 Inch 5CCT Ultra-Thin LED Recessed Light. This manual provides essential information for safe installation, operation, and maintenance of your new lighting fixture. Please read these instructions thoroughly before installation and retain them for future reference.

This 4-inch slim wafer LED downlight features a 5CCT (Correlated Color Temperature) selectable switch, allowing you to choose between 2700K (Soft White), 3000K (Warm White), 3500K (Neutral White), 4000K (Cool White), and 5000K (Daylight). It is designed for easy, canless installation and offers superior brightness with energy efficiency.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing. All electrical connections must be in accordance with local and National Electrical Code (NEC) standards. If you are unfamiliar with proper electrical wiring connections, consult a qualified electrician.

- Do not install in areas with direct water spray or standing water. This fixture is damp-rated, suitable for humid environments like bathrooms and covered outdoor areas (soffits), but not for direct water exposure.
- Ensure the power supply is 120V AC.
- This product is IC rated, meaning it is suitable for direct contact with insulation.
- Do not modify the fixture or use it for purposes other than intended.
- Always wear safety glasses and gloves during installation.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation.

- Amico 4 Inch 5CCT Ultra-Thin LED Recessed Light

- Junction Box (Driver Box)
- Instruction Manual (this document)



Image: The Amico 4 Inch 5CCT Ultra-Thin LED Recessed Light and its accompanying junction box.

4. SPECIFICATIONS

Feature	Specification
Brand	Amico
Model Number	HS-STC509WH
Size	4 Inch
Color Temperature (CCT)	2700K/3000K/3500K/4000K/5000K Selectable
Wattage	10W (Equivalent to 60W halogen)

Feature	Specification
Brightness	700 Lumens
Voltage	120V
Dimmable	Yes (5-100%)
Material	Aluminum
Certifications	ETL, FCC, IC Rated
Moisture Resistance	Damp Rated
Advised Hole Cutout Size	4.35 inches
Lifespan	50,000 hours

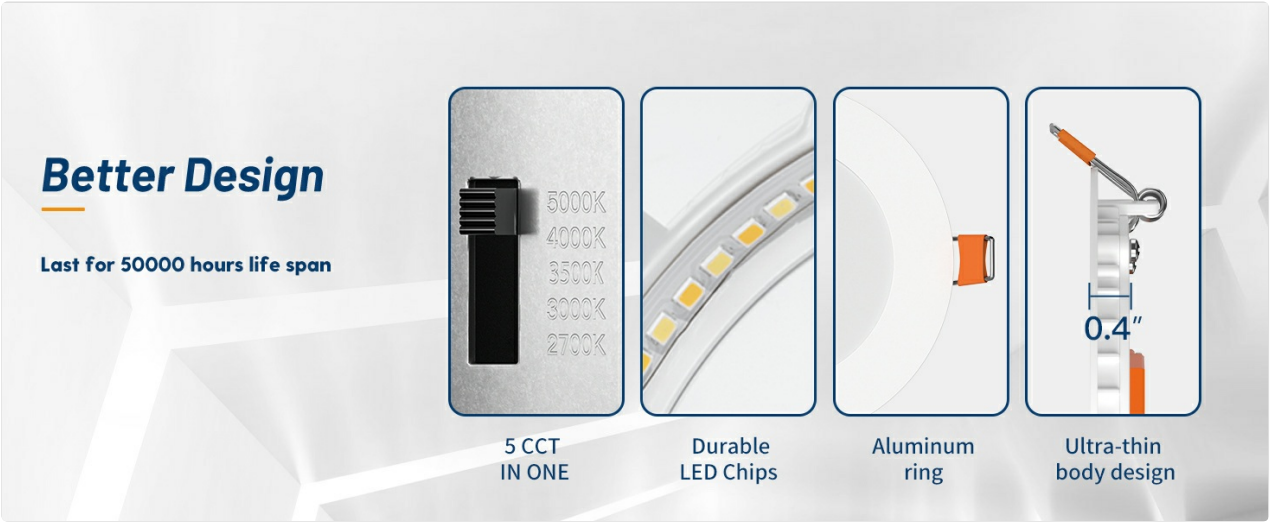


Image: Detailed view of the Amico 4 Inch Recessed Light, highlighting the 5CCT switch and its ultra-thin profile.

5. SETUP AND INSTALLATION

This recessed light is designed for easy, canless installation. Follow these steps carefully.

Tools Required:

- Hole Saw (recommended size: 4.35 inches)
- Wire Strippers
- Screwdriver
- Safety Glasses and Gloves

Installation Steps:

1. **Turn off Power:** Before starting, ensure the power supply to the installation area is completely turned off at the circuit breaker.
2. **Cut a Hole:** Using a hole saw, cut a circular hole in the ceiling at the desired location. The advised hole cutout size is 4.35 inches.

3. **Open Junction Box:** Open the cover of the provided junction box. Remove the appropriate knockout(s) for your wiring.
4. **Connect Wiring:** Connect the house wiring (live, neutral, ground) to the corresponding wires inside the junction box using wire nuts. Ensure all connections are secure.
5. **Close Junction Box:** Securely close the junction box cover and place the box into the ceiling opening.
6. **Connect Light Panel:** Connect the cable from the LED light panel to the junction box. Ensure the connection is firm.
7. **Mount Light:** Push the spring clips on the sides of the LED light panel upwards and insert the light into the ceiling hole. Release the clips to secure the light flush against the ceiling.
8. **Restore Power:** Once the light is securely installed, restore power at the circuit breaker.



Image: Visual guide showing the four main steps for easy installation: cutting the hole, connecting the wiring, connecting the light panel, and mounting the light.



Image: Diagram illustrating the versatility of installation in various ceiling types, including single drywall (0.37"), double drywall (0.75"), and soffit (0.12").

6. OPERATING INSTRUCTIONS

Color Temperature Selection (5CCT)

Your Amico recessed light features a selectable color temperature switch located on the side of the junction box. Before final installation into the ceiling, select your desired color temperature:

- **2700K:** Soft White (Warm, inviting light, ideal for bedrooms)
- **3000K:** Warm White (Slightly less yellow than 2700K, good for living rooms and bathrooms)
- **3500K:** Neutral White (Balanced, natural light, suitable for offices and kitchens)
- **4000K:** Cool White (Brighter, more energetic light, often used in kitchens and task areas)
- **5000K:** Daylight (Brightest, crisp white light, excellent for workspaces and modern aesthetics)

Simply slide the switch to the desired Kelvin (K) setting. Once selected, you can proceed with mounting the light.



Image: A close-up view of the 5CCT switch located on the side of the junction box, allowing selection of color temperature.

Dimming Functionality

This LED recessed light is dimmable from 5% to 100%. To utilize the dimming feature, ensure you have a compatible LED dimmer switch installed. **Note: Smart dimmers are generally not recommended for optimal performance.**



Image: A compatibility chart displaying various dimmer brands and models that work effectively with Amico recessed lights, along with a note against smart dimmers.

7. MAINTENANCE

The Amico LED recessed light requires minimal maintenance.

- **Cleaning:** Ensure power is off before cleaning. Wipe the light fixture with a soft, dry, or slightly damp cloth. Do not use harsh chemicals or abrasive cleaners, as they may damage the finish or electrical components.
- **Bulb Replacement:** The LED chips are integrated and not user-replaceable. The fixture has a long lifespan of 50,000 hours, reducing the need for frequent replacement.

8. TROUBLESHOOTING

If you encounter issues with your Amico LED recessed light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power supply; Loose wiring; Faulty switch/dimmer	Check circuit breaker; Verify all wire connections are secure; Test switch/dimmer.
Light flickers or dims inconsistently	Incompatible dimmer; Loose wiring; Overloaded circuit	Ensure dimmer is LED compatible (refer to section 6); Check wiring connections; Reduce load on circuit.
Incorrect color temperature	CCT switch set incorrectly	Carefully remove the light from the ceiling and adjust the CCT switch on the junction box to the desired setting.
Light makes buzzing noise	Incompatible dimmer; Electrical interference	Replace with a compatible LED dimmer; Consult an electrician to check for electrical interference.

If these solutions do not resolve the issue, please contact Amico customer support.

9. WARRANTY AND SUPPORT

Warranty Information

Amico provides a **5-year limited warranty** for this LED recessed light, covering defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by improper installation, misuse, abuse, or natural disasters.

Customer Support

For any questions, technical assistance, or warranty claims, please contact Amico customer support. Our team is committed to addressing your concerns within 12 hours.

- **Online Support:** Visit the [Amico Store on Amazon](#) for FAQs and contact options.
- **Email Support:** Refer to the product packaging or Amico's official website for direct email contact.



Image: The Amico brand logo.