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› Amico 5-Inch 5CCT Ultra-Thin LED Recessed Ceiling Light (Model HS-STC510WH) Instruction Manual

Amico HS-STC510WH

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

MODEL: HS-STC510WH - INSTRUCTION MANUAL

1. Safety Information

Please read these instructions carefully before installation and retain them for future reference. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Risk of Electric Shock:** Disconnect power at the fuse or circuit breaker before installation or servicing.
- **Risk of Fire:** Use only with specified voltage and wattage. Do not modify the product.
- Installation should be performed by a qualified electrician if you are unsure.
- Ensure all electrical connections are made in accordance with local codes and ordinances.
- This product is designed for indoor use only.

2. Package Contents

Verify that all components are present and undamaged before proceeding with installation.

- Amico 5-Inch Ultra-Thin LED Recessed Light (Quantity: 12)
- Junction Box (Quantity: 12)
- Instruction Manual



Image 2.1: Overview of the Amico 5-inch LED Recessed Light and its accompanying junction box.

3. Product Features

- **5CCT Selectable:** Choose from 2700K (Soft White), 3000K (Warm White), 3500K (Neutral White), 4000K (Cool White), or 5000K (Daylight) via a switch on the junction box.
- **High Brightness:** 900 lumens output with only 11 watts of power consumption, equivalent to a 75W halogen light.
- **IC Rated:** Permitted for direct contact with insulation in ceilings, ensuring thermal protection and preventing fire hazards.
- **Smooth Dimming:** Compatible with most dimmers, allowing smooth adjustment from 5% to 100% brightness.
- **Ultra-Thin Design:** Requires only 2 inches of ceiling space, suitable for various ceiling types and joists.
- **Durable Construction:** Made with aluminum for superior heat dissipation and longevity.
- **Certifications:** ETL and FCC certified for safety and quality standards.

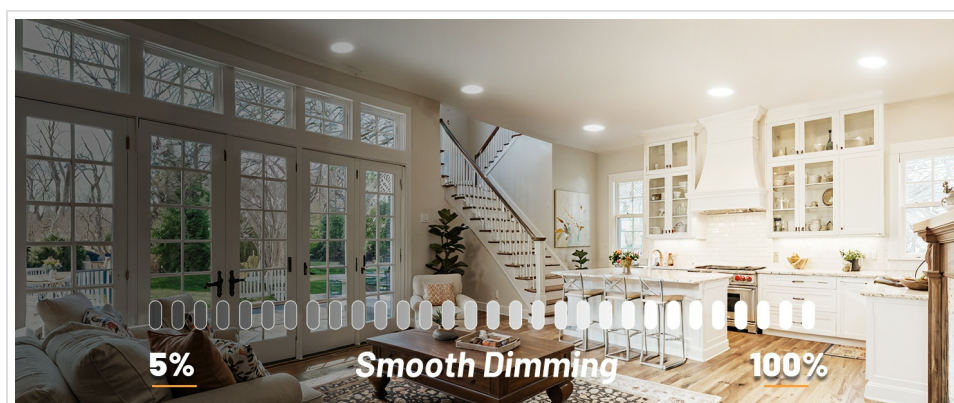


Image 3.1: Illustration of the metal construction and heat dissipation mechanism for enhanced safety and durability.

4. Specifications

Specification	Detail
Brand	Amico
Model Name	HS-STC510WH
Size	5 inch
Color	White
Material	Aluminum
Light Source Type	LED
Wattage	11 Watts
Brightness	900 Lumens
Color Temperature	2700K/3000K/3500K/4000K/5000K Selectable
Dimmable	5%-100% Smooth Dimmable
Voltage	120 Volts
Installation Type	Flush Mount, Canless
Product Dimensions	5.71"L x 5.71"W x 0.98"H
Certifications	ETL, FCC, IC Rated



Image 4.1: Product certifications, including ETL, FCC, and IC Rated, ensuring safety and compliance.

5. Installation Instructions (Setup)

Ensure power is disconnected at the circuit breaker before beginning installation.

1. **Prepare the Ceiling:** Use the provided template to cut a 5.3-inch diameter hole in the ceiling at the desired location. Ensure there is at least 2 inches of clearance above the ceiling for the fixture.



5 inch Recessed Light Cutout Size

Compact & Focused for Cozy Spaces



Image 5.1: Guide for ceiling cutout sizes. For this 5-inch model, a 5.3-inch hole is recommended.

2. **Connect Wiring:** Open the junction box cover. Connect the household electrical wires (Live, Neutral, Ground) to the corresponding wires inside the junction box using appropriate wire connectors. Ensure connections are secure.
3. **Select Color Temperature:** Before closing the junction box, use the 5CCT switch located inside the junction box to select your desired color temperature (2700K, 3000K, 3500K, 4000K, or 5000K).
4. **Secure Junction Box:** Close the junction box cover and place the junction box through the cutout hole into the ceiling.
5. **Connect Light Panel:** Connect the cable from the LED light panel to the junction box cable. Ensure the connection is firm.
6. **Mount Light:** Push the spring clips on the sides of the LED light panel upwards and insert the light into the ceiling cutout. Release the clips to secure the light flush against the ceiling.

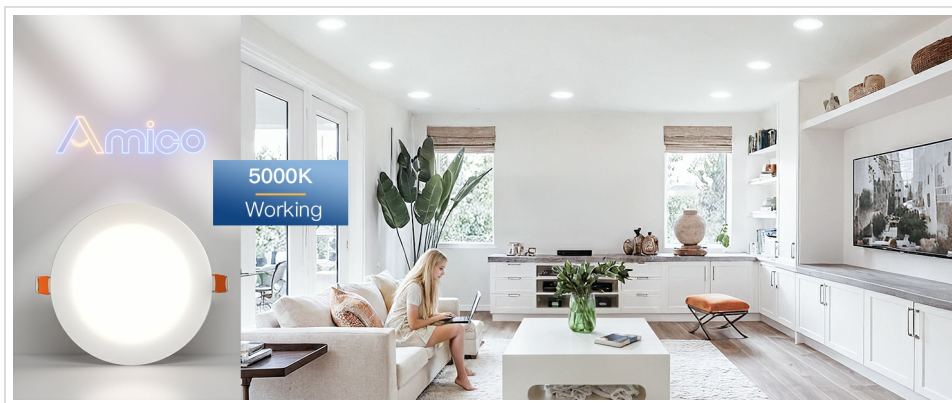


Image 5.2: Step-by-step visual guide for easy installation: cut a hole, connect wiring, connect light panel, and mount the light.



Image 5.3: Detailed dimensions of the 5-inch recessed light and its junction box, indicating a 5.3-inch advised hole cutout size and no housing needed.

6. Operating Instructions

Once installed, the Amico LED recessed light offers adjustable color temperature and dimming capabilities.

6.1. Color Temperature Selection

The color temperature is selected using a switch located inside the junction box. This setting must be chosen during installation before the junction box is fully secured in the ceiling. You can choose from five options:

- **2700K:** Soft White, ideal for bedrooms and cozy spaces.
- **3000K:** Warm White, suitable for bathrooms and relaxing environments.
- **3500K:** Neutral White, good for studies and general reading areas.
- **4000K:** Cool White, often used in kitchens and dining areas.
- **5000K:** Daylight, best for living rooms and task-oriented areas.



Image 6.1: Visual representation of the five selectable color temperatures (5CCT) and their suggested applications in various rooms.

6.2. Dimming Functionality

The Amico recessed light is designed for smooth dimming from 5% to 100% brightness. To utilize this feature, connect the light to a compatible dimmer switch (not included). Refer to the dimmer manufacturer's instructions for proper installation and operation.

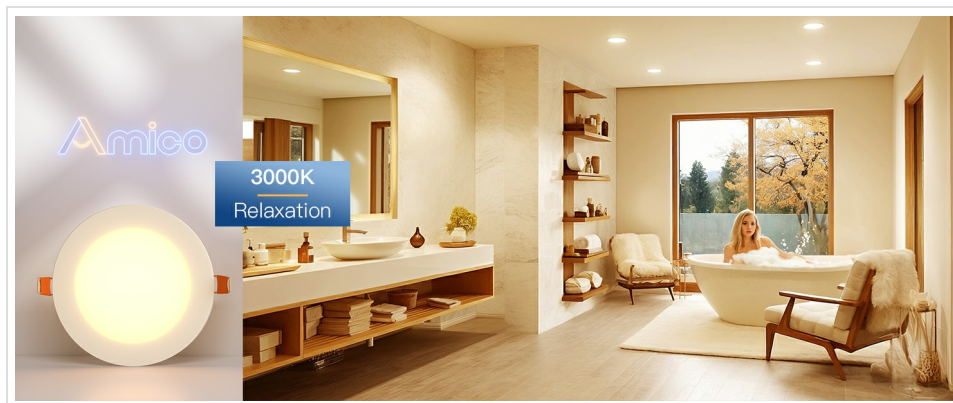


Image 6.2: Visual representation of the smooth dimming capability, ranging from 5% to 100% light output.

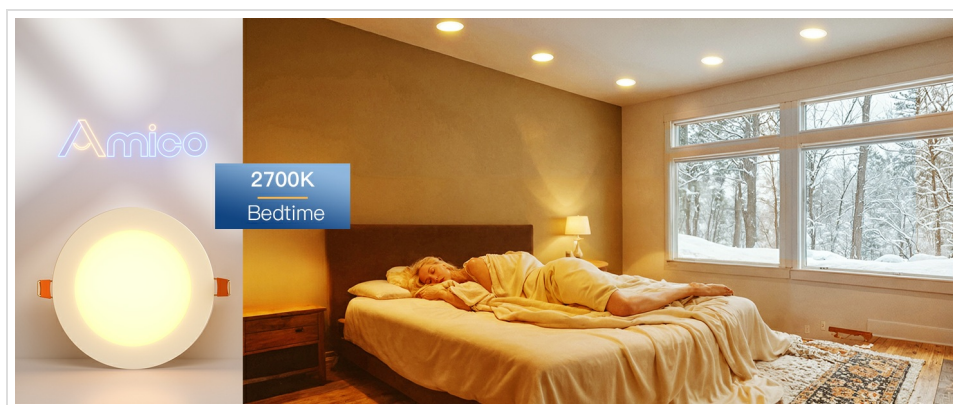


Image 6.3: A compatibility chart listing various dimmer models from Lutron and Leviton that are suitable for use with this light fixture.

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 these may damage the finish or electrical components.
- **Bulb Replacement:** The LED light source is integrated and not user-replaceable. The fixture is designed for long-term operation.

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, loose wiring, incorrect installation.	Check circuit breaker. Verify all wire connections are secure. Re-check installation steps.
Light flickers or dims inconsistently	Incompatible dimmer switch, loose wiring, faulty dimmer.	Ensure dimmer is compatible (refer to Image 6.3). Check wiring connections. Replace dimmer if necessary.
Incorrect color temperature	5CCT switch set incorrectly.	Disconnect power, remove light, open junction box, and adjust the 5CCT switch to the desired setting.

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

9. Warranty and Support

Amico products are manufactured to high standards and undergo rigorous quality control. For specific warranty details, please refer to the documentation included with your purchase or visit the official Amico website.

Amico offers 24/7 online support to assist with any questions or concerns you may have regarding your product. For assistance, please visit the [Amico Store on Amazon](#) or contact their customer service directly.

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