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› Amico 6-Inch 5CCT Ultra-Thin LED Recessed Ceiling Light Instruction Manual (Model HS-STC512WH)

Amico HS-STC512WH

Amico 6-Inch 5CCT Ultra-Thin LED Recessed Ceiling Light Instruction Manual

MODEL: HS-STC512WH

1. Introduction

Thank you for choosing the Amico 6-Inch 5CCT Ultra-Thin LED Recessed Ceiling Light. This manual provides essential information for the safe installation, operation, and maintenance of your new lighting fixtures. Please read these instructions thoroughly before beginning installation and retain them for future reference.

2. Safety Information

WARNING: Risk of electric shock. Disconnect power at the circuit breaker or fuse box before installation or servicing. Improper installation can lead to electric shock or fire.

- All electrical connections must be in accordance with local and National Electrical Code (NEC) standards. Consult a qualified electrician if you are unfamiliar with proper electrical wiring connections.
- This product is designed for indoor use only.
- Do not modify the fixture or its components.
- Ensure the power supply voltage matches the fixture's requirements (120V).
- This fixture is IC Rated, meaning it is suitable for direct contact with insulation.
- Do not install in locations where the operating temperature exceeds the fixture's rated temperature.

3. Package Contents

Verify that all components are present before installation:

- LED Recessed Light(s)
- Junction Box(es)
- Instruction Manual
- Template Paper

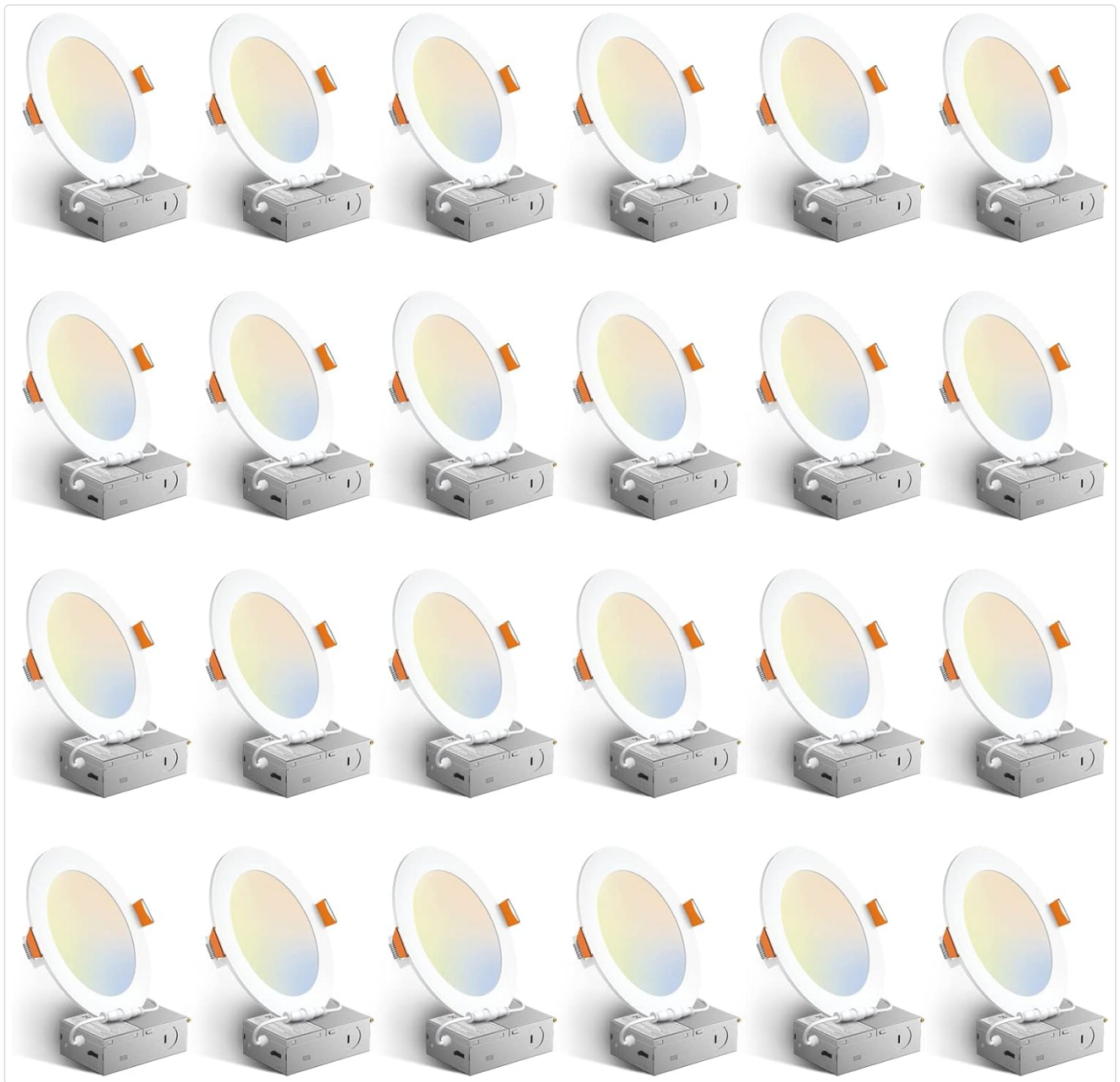


Image 1: A pack of 24 Amico 6-inch ultra-thin LED recessed ceiling lights, each with a separate junction box.

4. Specifications

Feature	Specification
Brand	Amico
Model Number	HS-STC512WH
Size	6 Inch
Color Temperature (CCT)	2700K, 3000K, 3500K, 4000K, 5000K (Selectable)
Brightness	1050 Lumens
Wattage	12 Watts
Voltage	120 Volts

Dimmable	Yes (5-100%)
Material	Metal
Installation Type	Recessed (No Can Needed)
Certifications	ETL, FCC, IC Rated
Product Dimensions	6.8"L x 6.8"W x 0.9"H
Advised Hole Cutout Size	6.25 inches

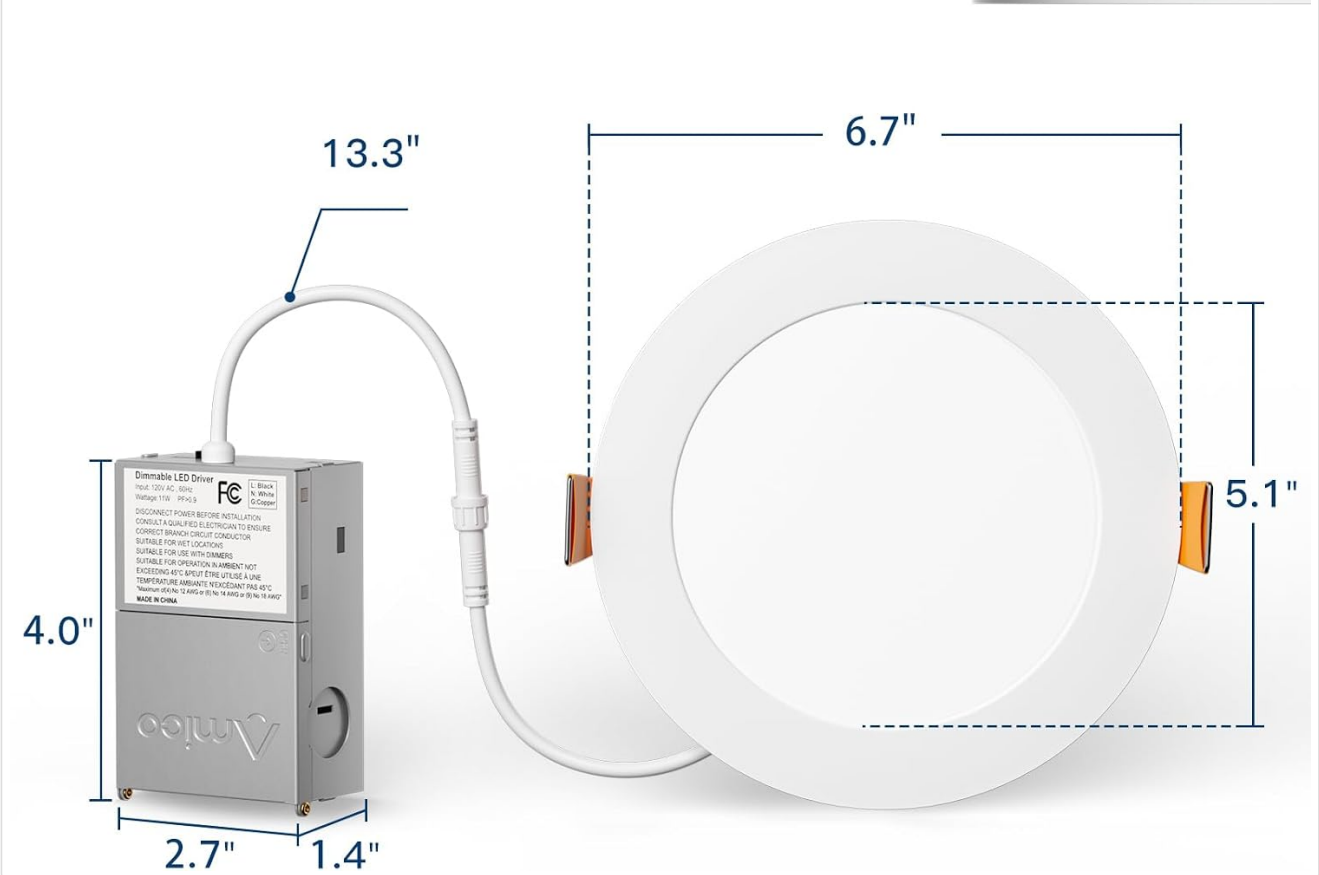
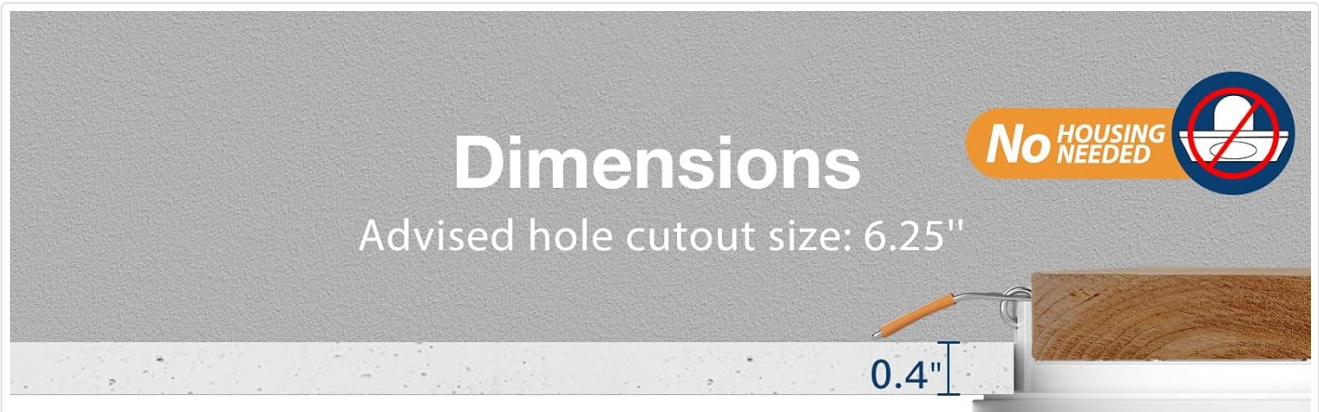


Image 2: Technical drawing providing the dimensions of the Amico 6-inch recessed light and its associated junction box, including the advised hole cutout size of 6.25 inches.

5. Installation

5.1 Before You Begin

Ensure power is OFF at the circuit breaker before starting. Gather the following tools:

- Safety glasses
- Gloves
- Measuring tape
- Pencil
- Hole saw (6.25 inches recommended)
- Wire strippers
- Screwdriver

5.2 Step-by-Step Installation

1. **Cut a Hole:** Use the provided template paper to mark the desired location on the ceiling. Using a 6.25-inch hole saw, carefully cut a circular hole in the ceiling.
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 all connections are secure. Close the junction box cover.
3. **Select Color Temperature (CCT):** Before mounting, locate the CCT selection switch on the side of the junction box. Choose your desired color temperature (2700K, 3000K, 3500K, 4000K, or 5000K) by sliding the switch. This setting can be changed later if needed.
4. **Connect Light Panel:** Connect the cable from the LED light panel to the junction box. Ensure the connection is firm.
5. **Mount Light:** Gently push the spring clips on the LED light panel upwards and insert the light into the ceiling hole. The clips will secure the light flush against the ceiling.

Easy Installation

No can needed



Image 3: A four-step visual guide demonstrating the easy installation process: 1. Cut a hole, 2. Connect wiring, 3. Connect light panel, 4. Mount light.

6. Operation

6.1 Color Temperature (CCT) Selection

Your Amico recessed light features 5 selectable color temperatures. The switch on the junction box allows you to choose between 2700K (Soft White), 3000K (Warm White), 3500K (Neutral White), 4000K (Cool White), and 5000K (Daylight). Select the CCT that best suits your environment and preference before or during installation.

5 CCT in One

Free to choose any ambiance you want



Image 4: An illustration demonstrating the five selectable color temperatures (2700K, 3000K, 3500K, 4000K, 5000K) and their appearance in different room settings, along with the CCT selection switch on the junction box.

6.2 Dimming Functionality

These LED recessed lights are dimmable from 5% to 100% with most standard LED dimmer switches. For optimal performance, use a compatible dimmer switch. *Smart dimmers are generally not recommended.*



Image 5: An image illustrating the stepless dimming capability of the Amico recessed lights, showing compatibility with various Lutron and Leviton dimmer models.

7. Maintenance

The Amico LED recessed lights require minimal maintenance. To clean the fixture:

- Ensure power is turned OFF at the circuit breaker before cleaning.
- Allow the fixture to cool completely if it has been in use.
- Wipe the surface with a soft, dry, or slightly damp cloth.
- Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the finish or electrical components.

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, faulty switch	Check circuit breaker. Ensure all wire connections are secure. Test the switch.
Light flickers	Incompatible dimmer, loose wiring, voltage fluctuations	Ensure dimmer is LED compatible. Check wiring connections. Consult an electrician if voltage issues are suspected.
Incorrect color temperature	CCT switch set incorrectly	Turn off power, remove light, adjust the CCT switch on the junction box to the desired setting.
Light is too dim or too bright	Dimmer setting, CCT setting	Adjust dimmer switch. Consider if a different CCT setting would be more suitable for the environment.

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

9. Warranty and Support

Amico provides a limited warranty for this product. Please refer to the product packaging or Amico's official website for detailed warranty terms and conditions. We offer 5 years of support coverage for our products.

Our dedicated customer support team is available to address your concerns and will typically respond within 12 hours. For assistance, please visit the [Amico Store on Amazon](#) or contact us through the provided channels.

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