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Amico ecccaff9-5684-4ed0-8dc9-b76d7a5fa06e

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

Model: ecccaff9-5684-4ed0-8dc9-b76d7a5fa06e

Introduction

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

Important Safety Information

WARNING: Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing.

- Always turn off the main power supply before beginning any electrical work.
- Installation should be performed by a qualified electrician or a person familiar with the construction and operation of the product and the hazards involved.
- Ensure all electrical connections comply with local codes and ordinances, as well as the National Electric Code (NEC).
- Do not install in locations where the operating temperature exceeds the fixture's rated temperature.
- Do not modify or alter the fixture in any way.
- This product is designed for indoor use only. Not water resistant.
- The fixture is IC rated, meaning it is suitable for direct contact with insulation.

Package Contents

Your Amico 6-Inch 5CCT Ultra-Thin LED Recessed Ceiling Light package includes:

- Amico 6-Inch Ultra-Thin LED Recessed Downlights (Quantity: 12)

- Junction Boxes (Quantity: 12)
- 1:1 Hole Template
- User Manual



Image: Contents of the Amico 12-pack recessed lighting kit, showing the LED light fixtures and their accompanying junction boxes.

Product Overview and Features

The Amico Ultra-Thin LED Recessed Ceiling Light is designed for modern lighting solutions, offering versatility and energy efficiency.

- **5 CCT-in-1 Selectable Color Temperature:** Easily switch between 2700K (Soft White), 3000K (Warm White), 3500K (Neutral White), 4000K (Cool White), and 5000K (Daylight) using a switch on the junction box to match your desired ambiance.

- **IC Rated:** Approved for direct contact with insulation, ensuring thermal protection and safety. Requires minimal ceiling space (as small as 2 inches).
- **High Brightness & Energy Saving:** Delivers 1050 lumens with only 12 Watts of power consumption, equivalent to a 110W halogen lamp, leading to significant energy savings.
- **Dimmable:** Supports 5%-100% smooth dimming, compatible with most standard dimmers on the market.
- **Durable Construction:** Made with aluminum for superior heat dissipation and a long lifespan of 50,000 hours.
- **ETL & FCC Certified:** Ensures high safety and quality standards.



Image: Illustration demonstrating the 5 CCT (Correlated Color Temperature) options and their suitability for different room types like study, bedroom, bathroom, living room, and kitchen.



Image: A visual highlighting the "Super Bright" feature of the Amico LED lights, indicating 1050LM brightness, 5-100% dimmability, and 12W wattage, with a note on 90% cost saving.



Image: Diagram illustrating the metal construction of the light, including the metal back cover, metal ring, and metal box, emphasizing superior heat dissipation for safety and durability.

Installation Instructions

These recessed lights are designed for easy installation without the need for a traditional can housing. Follow these steps carefully:

1. **Step 1: Turn Off Power.** Before starting, ensure the power supply to the installation area is completely turned off at the circuit breaker.
2. **Step 2: Cut a Hole.** Use the provided 1:1 hole template to mark and cut a 6.25-inch diameter hole in the ceiling. Ensure there are no obstructions like joists or pipes in the cutting area.
3. **Step 3: Connect Wiring.** Open the junction box cover. Connect the household wiring (live, neutral, ground) to the corresponding wires inside the junction box using the push-in connectors. Ensure all connections are secure.
4. **Step 4: Select Color Temperature (CCT).** Before closing the junction box, use the switch located on the

side of the junction box to select your desired color temperature (2700K, 3000K, 3500K, 4000K, or 5000K).

5. **Step 5: Secure Junction Box.** Place the junction box into the ceiling opening.
6. **Step 6: Connect Light Panel.** Connect the cable from the LED light fixture to the junction box.
7. **Step 7: Mount Light.** Push the spring clips on the sides of the light fixture upwards and insert the fixture into the ceiling hole. The clips will automatically secure the light to the ceiling.
8. **Step 8: Restore Power.** Turn the main power supply back on.



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



Image: Technical drawing showing the dimensions of the Amico recessed light and its junction box, with an advised hole cutout size of 6.25 inches.

Installation Video

▶ **Watch video online**
5CCT 6IN Recessed lighting

Video: An official Amico-usa video demonstrating the 5CCT 6-inch recessed lighting, showcasing its features and ease of installation. This video is provided by the seller.

Operating Instructions

Changing Color Temperature (CCT)

The Amico recessed light features 5 selectable color temperatures. To change the CCT:

1. Ensure the light fixture is powered off.
2. Carefully remove the light fixture from the ceiling by gently pulling it down (the spring clips will release).

3. Locate the CCT selection switch on the side of the junction box.
4. Slide the switch to your desired color temperature: 2700K, 3000K, 3500K, 4000K, or 5000K.
5. Re-install the light fixture into the ceiling.
6. Restore power to the fixture.

Note: The CCT selection switch is located on the junction box, which is typically installed above the ceiling. Changing the CCT requires temporarily removing the fixture.

Dimming Function

These lights are dimmable from 5% to 100% brightness. To utilize the dimming feature, you will need a compatible dimmer switch installed in your electrical circuit. Amico lights are compatible with most standard dimmer switches on the market.

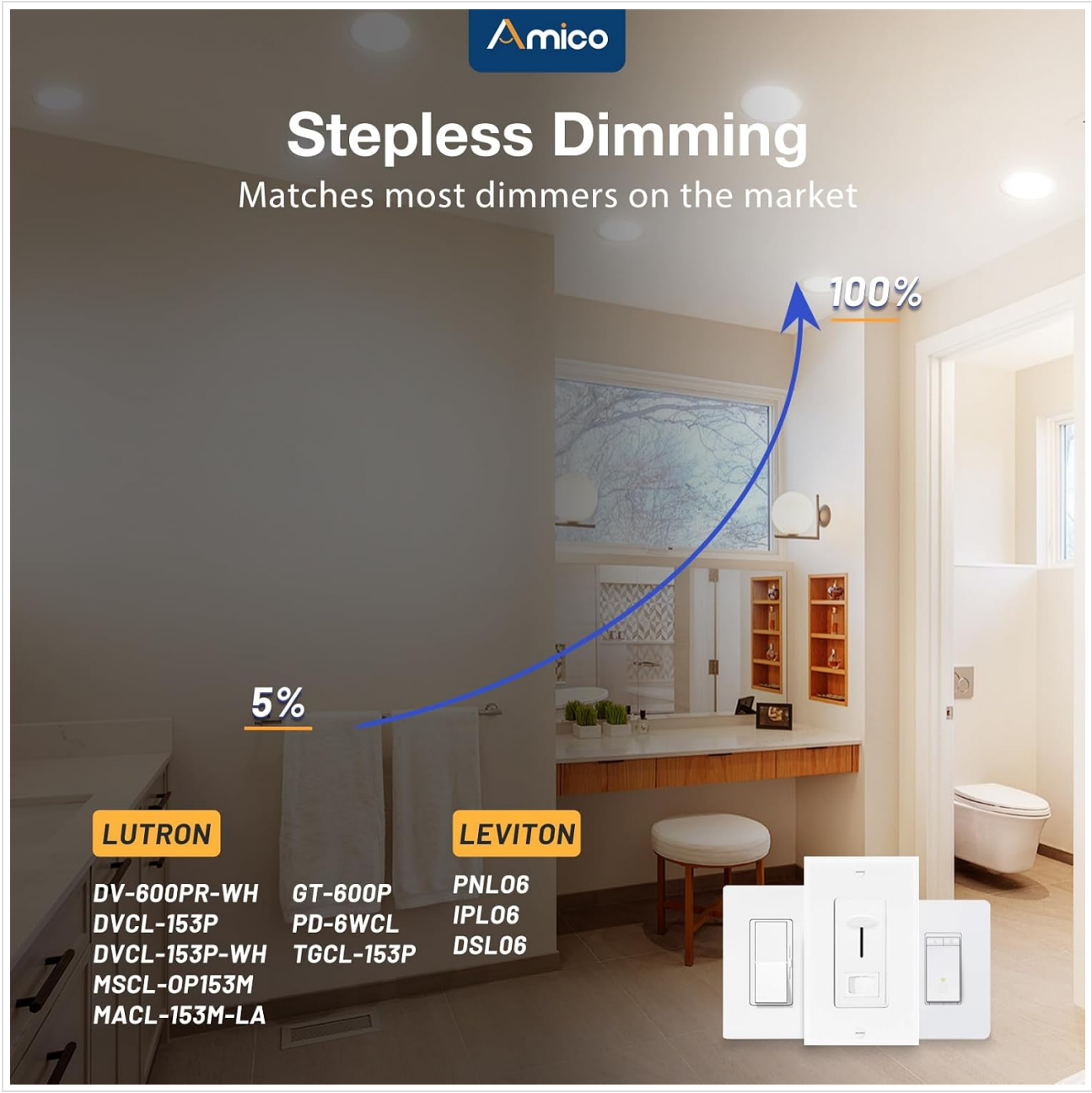

Image: Diagram illustrating the stepless dimming capability from 5% to 100% and listing compatible dimmer models from Lutron and Leviton.

Maintenance

Amico LED recessed lights require minimal maintenance due to their long lifespan and durable construction.

- **Cleaning:** To clean the fixture, ensure the power is off. Use a soft, dry, or slightly damp cloth. Do not use harsh chemicals, abrasive cleaners, or solvents, as these may damage the finish or electrical components.
- **Bulb Replacement:** The LED chips are integrated into the fixture and are not user-replaceable. The fixture is designed for a long operational life of 50,000 hours.
- **Inspection:** Periodically inspect the fixture for any signs of damage or loose connections. If any issues are found, disconnect power and consult a qualified electrician.

Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Loose wiring connection. Faulty fixture.	Check circuit breaker and wall switch. Verify all wire connections in the junction box are secure (ensure power is off first). If other lights on the same circuit work, the fixture may be faulty. Contact customer support.
Light flickers or dims inconsistently.	Incompatible dimmer switch. Loose wiring. Overloaded circuit.	Ensure your dimmer switch is compatible with LED lighting. Refer to the "Operating Instructions" section for compatible dimmer types. Check wiring connections. Reduce the number of fixtures on the circuit or consult an electrician.
Incorrect color temperature.	CCT switch set incorrectly.	Follow the "Changing Color Temperature (CCT)" instructions to adjust the switch on the junction box.

Specifications

Feature	Detail
Brand	Amico
Model Number	ecccaff9-5684-4ed0-8dc9-b76d7a5fa06e
Size	6 Inch
Color	White
Material	Aluminum
Wattage	12 Watts

Feature	Detail
Brightness	1050 Lumens
Voltage	120 Volts
Color Temperature	5CCT (2700K, 3000K, 3500K, 4000K, 5000K)
Dimming Range	5%-100%
Lifespan	50,000 hours
Certifications	ETL, FCC
Indoor/Outdoor Usage	Indoor
Product Dimensions	6.7"L x 6.7"W x 0.9"H
Item Weight	10.39 pounds (for 12-pack)

Warranty and Support

Amico provides a **5-year warranty** for this product, covering defects in materials and workmanship under normal use. This warranty does not cover damage caused by improper installation, misuse, abuse, or acts of nature.
For technical assistance, warranty claims, or any questions regarding your Amico LED Recessed Lights, please contact Amico customer support. Our team is dedicated to addressing your concerns within 12 hours.
For more information, visit the official Amico store:Amico Store on Amazon

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