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## Amico C-50

# Amico 4-inch 3CCT LED Recessed Lighting (Model C-50) Instruction Manual

Comprehensive guide for installation, operation, and maintenance.

## PRODUCT OVERVIEW

The Amico 4-inch 3CCT LED Recessed Lighting fixture is designed for retrofit installations in existing 4-inch can lights. It offers selectable color temperatures (3000K, 4000K, 5000K) and is dimmable from 10% to 100%. This damp-rated fixture is suitable for various indoor environments including bathrooms, bedrooms, living rooms, kitchens, and hallways. It is ETL and FCC certified, ensuring safety and quality.



Image: Amico 4-inch 3CCT LED Recessed Lighting fixtures installed in a modern living space, showcasing their seamless integration into the ceiling.

## SAFETY INFORMATION

- Always turn off power at the circuit breaker before beginning any installation or maintenance.
- Ensure the fixture is compatible with your existing recessed can size (4-inch).
- Do not attempt to modify the fixture. Any modifications may void the warranty and create safety hazards.
- This product is designed for indoor use and is damp-rated, suitable for bathrooms and kitchens. Do not use in areas with direct water exposure.

- Consult a qualified electrician if you are unsure about any part of the installation process.

## WHAT'S IN THE BOX

Each package of Amico 4-inch 3CCT LED Recessed Lighting includes the following components:

- LED Recessed Downlight Fixture
- E26 Adapter (for screwing into existing socket)
- TP24 Connector
- Springs (pre-attached to the fixture for secure mounting)



Image: The Amico 4-inch 3CCT LED Recessed Lighting fixture with its E26 adapter and connector, ready for installation.

## SETUP AND INSTALLATION

Follow these steps for a quick and easy installation of your Amico LED recessed lights. No electrician is typically required for

retrofit installations.

1. **Turn Off Power:** Before starting, ensure the power to the existing recessed can is turned off at the circuit breaker to prevent electrical shock.
2. **Remove Old Fixture:** Carefully remove the existing bulb and trim from the recessed can.
3. **Install E26 Adapter:** Screw the provided E26 adapter into the existing E26 socket inside the recessed can.
4. **Connect Downlight:** Connect the TP24 connector from the E26 adapter to the connector on the Amico LED downlight fixture.
5. **Adjust Color Temperature (Optional):** Before pushing the fixture into the can, locate the CCT (Correlated Color Temperature) switch on the back of the fixture. Select your desired color temperature: 3000K (Warm White), 4000K (Cool White), or 5000K (Daylight).
6. **Secure Fixture:** Gently push all wires into the recessed can. Then, push the Amico LED downlight fixture into the can until the outer edge is flush with the ceiling. The spring clips will hold it securely in place.
7. **Restore Power:** Turn the power back on at the circuit breaker.



Image: Visual guide demonstrating the simple installation process, including screwing in the E26 base, connecting wires, and securing the

fixture with springs.

## Installation Video

Your browser does not support the video tag.

Video: Official Amico-usa guide on how to install the recessed lighting and adjust its color temperature.

## OPERATING INSTRUCTIONS

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### Color Temperature Selection

The Amico recessed light features 3CCT (Correlated Color Temperature) technology, allowing you to choose between three distinct light colors to suit your preference or room ambiance:

- **3000K (Warm White):** Provides a soft, yellowish glow, ideal for creating a cozy and inviting atmosphere in living rooms or bedrooms.
- **4000K (Cool White):** Offers a neutral white light, suitable for task lighting in kitchens, offices, or bathrooms.
- **5000K (Daylight):** Delivers a bright, crisp white light, perfect for areas requiring high visibility like workshops or utility rooms.

To change the color temperature, locate the small switch on the back of the fixture. Adjust the switch to your desired setting before installing the light into the ceiling can. Once installed, the setting is fixed until the fixture is removed again.

Amico

Bathroom-4000K

# 3CCT in One

Complement Any Room Style

Living Room-3000K



Kitchen-5000K

Image: The 3CCT switch on the back of the fixture, illustrating how to select between 3000K, 4000K, and 5000K color temperatures for various room styles.

## Dimming Functionality

This LED recessed light is fully dimmable, allowing you to adjust the brightness from 10% to 100%. This feature provides flexibility to create the perfect lighting ambiance for any activity. The light is compatible with most standard LED dimmers on the market, but it is not compatible with smart dimmers.

# Customize Your Brightness

**10%-100% Dimmable**  
Effortless Comfort in Every Glow

10%

100%

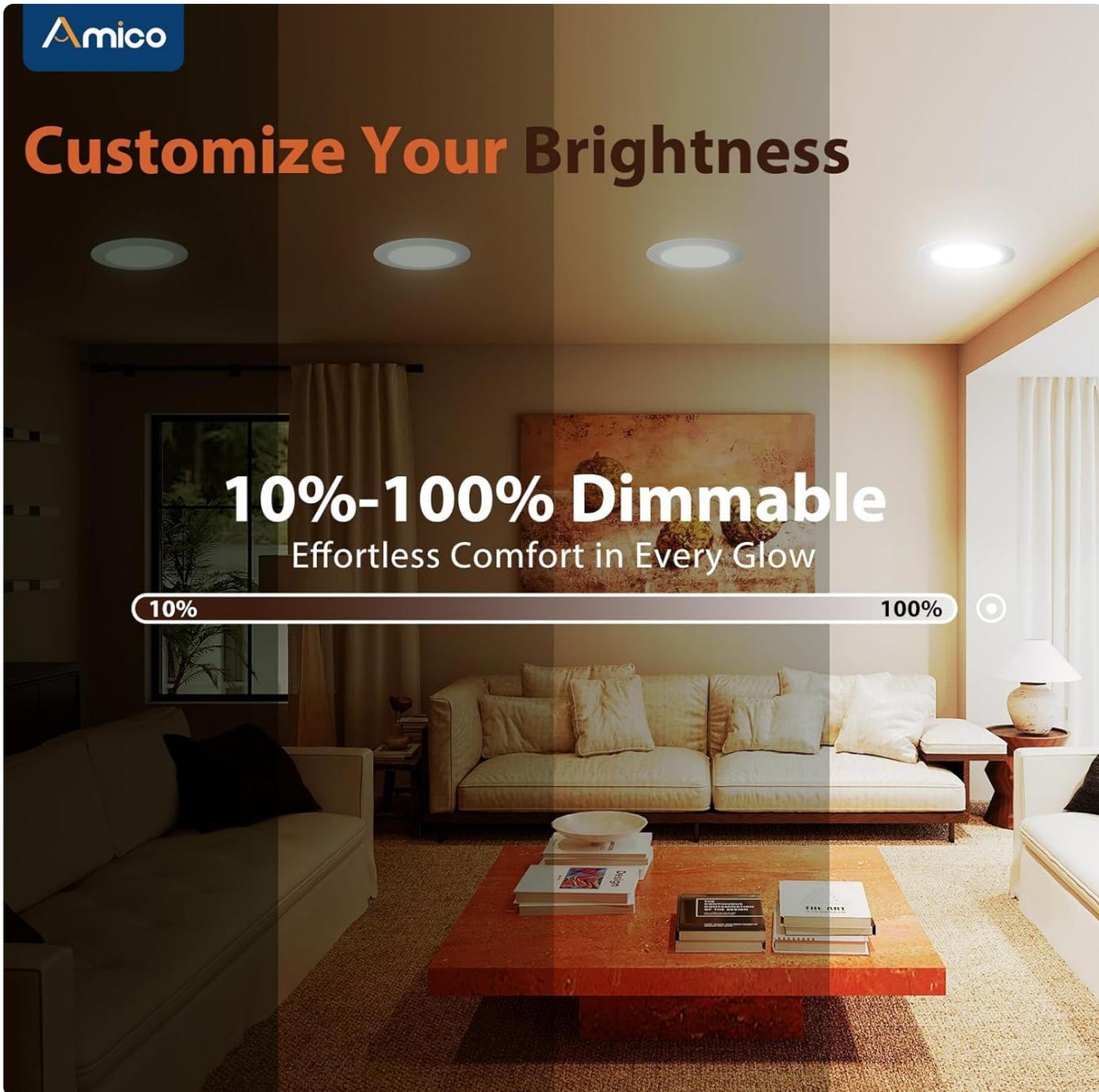


Image: A visual representation of the 10%-100% dimmable range, demonstrating effortless comfort in every glow.

## MAINTENANCE

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Amico LED recessed lights are designed for long-lasting performance with minimal maintenance. Follow these guidelines to ensure optimal operation:

- **Cleaning:** To clean the fixture, ensure the power is off. Use a soft, dry, or slightly damp cloth. Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **Bulb Replacement:** The LED light source is integrated into the fixture and is not user-replaceable. The fixture is designed for a long operational lifespan.
- **Inspection:** Periodically inspect the fixture for any signs of damage or loose connections. If any issues are found, turn off the power immediately and consult a qualified professional.

## TROUBLESHOOTING

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If you encounter any issues with your Amico LED recessed light, refer to the following common troubleshooting steps:

<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
Light does not turn on	<ul style="list-style-type: none"><li>◦ No power to the circuit.</li><li>◦ Loose wire connection.</li><li>◦ Faulty fixture.</li></ul>	<ul style="list-style-type: none"><li>◦ Check circuit breaker.</li><li>◦ Ensure all connections (E26 adapter, TP24 connector) are secure.</li><li>◦ Contact customer support if the fixture is confirmed faulty.</li></ul>
Light flickers	<ul style="list-style-type: none"><li>◦ Incompatible dimmer switch.</li><li>◦ Loose wiring.</li><li>◦ Voltage fluctuations.</li></ul>	<ul style="list-style-type: none"><li>◦ Ensure dimmer is compatible with LED lights (not smart dimmers).</li><li>◦ Check all electrical connections.</li><li>◦ Consult an electrician to check household voltage.</li></ul>
Incorrect color temperature	<ul style="list-style-type: none"><li>◦ CCT switch set incorrectly.</li></ul>	<ul style="list-style-type: none"><li>◦ Remove fixture and adjust the CCT switch on the back to the desired setting.</li></ul>

# Dimensions

Fit in 4 inch cans



**120V**  
Voltage



**8.5W**  
Wattage



**650LM**  
Brightness



**Damp  
Rated**

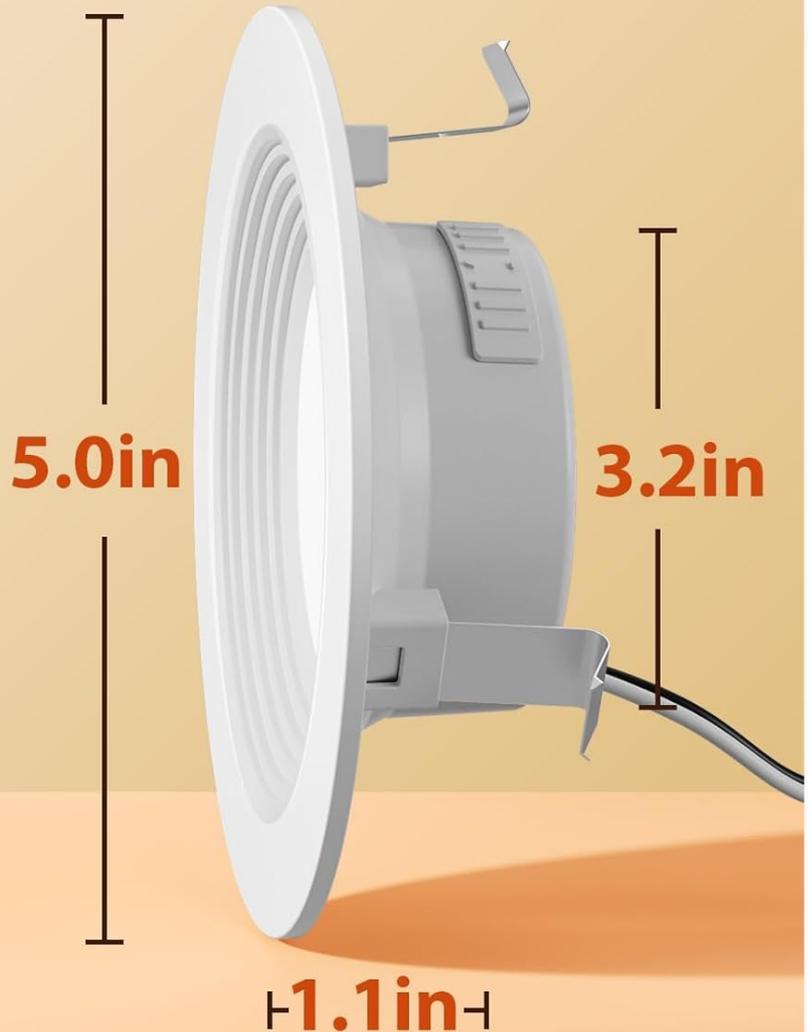


Image: Illustration of flicker-free lighting for eye comfort, contrasting with frequent flickering.

## SPECIFICATIONS (MODEL C-50)

<b>Brand</b>	Amico
<b>Model Number</b>	C-50
<b>Size</b>	4 Inch
<b>Color Temperature</b>	3000K, 4000K, 5000K Selectable
<b>Wattage</b>	8.5 Watts (equivalent to 60W incandescent)
<b>Brightness</b>	650 Lumens
<b>Voltage</b>	120 Volts

<b>Dimmable</b>	Yes (10%-100%, compatible with most dimmers, not smart dimmers)
<b>Damp Rated</b>	Yes
<b>Material</b>	Polyamide fibre
<b>Installation Type</b>	Retrofit (E26 base)
<b>Certifications</b>	ETL, FCC Certified
<b>Product Dimensions</b>	5"L x 5"W x 1.7"H

**Amico**

## Modern & Direct Layout

- ✔ Seamlessly blends into the ceiling
- ✔ More finished stylish appearance
- ✔ Precision focused & comfort LED



Image: Key specifications and dimensions of the Amico 4-inch recessed light.

**WARRANTY AND SUPPORT**

## Warranty Information

The Amico 4-inch 3CCT LED Recessed Lighting (Model C-50) comes with a **5-year limited manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

## Customer Support

For any questions, technical assistance, or warranty claims, please contact Amico customer support. Refer to the product packaging or the official Amico website for the most current contact information.

Amico is committed to providing high-quality products and excellent support.