POWERASIA 4 Inch

POWERASIA 4 Inch Ultra-Thin 5CCT Dimmable LED Recessed Ceiling Light Instruction Manual

Model: 4 Inch

IMPORTANT SAFETY INFORMATION

Please read and understand all instructions before beginning installation. Failure to follow these instructions may result in electric shock, fire, or other hazards that could cause personal injury or property damage.

- **WARNING:** Risk of electric shock. Disconnect power at the circuit breaker or fuse box before installation or servicing.
- **WARNING:** Risk of fire. Use only with specified voltage (120V AC).
- This product is ETL and Energy Star certified, ensuring high safety and energy efficiency standards.
- Suitable for damp locations, including bathrooms.
- Do not modify the fixture or its components.
- If you are unsure about electrical wiring, consult a qualified electrician.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Recessed lights X 12
- Junction Box X 12
- 3 Pin Cable Connector

PRODUCT FEATURES

- **Five-Temperature Dimmable (5CCT):** Easily switch between 2700K (Soft White), 3000K (Warm White),

4000K (Neutral White), 5000K (Cool White), and 6000K (Daylight) directly from the junction box.

- **High Brightness & Energy Efficiency:** Each 9W LED light provides 850 lumens, equivalent to a 110W incandescent lamp, saving up to 88% in energy costs.
- **High Color Rendering Index (CRI 90+):** Ensures true and vibrant color representation in your space.
- **Easy Canless Installation:** Ultra-thin design with an integrated junction box allows for quick and hassle-free installation without the need for traditional recessed cans.
- **Wide Application:** Suitable for various indoor and outdoor settings, including bathrooms, bedrooms, kitchens, and living rooms, thanks to its wet location rating.
- **Durable Construction:** Made with aluminum and metal materials for safety, durability, and sturdiness.
- **Seamless Dimming:** Smooth dimming capabilities from 5% to 100% to create the desired ambiance.
- **No Flicker and No Noise:** Designed for comfortable and quiet operation.

SPECIFICATIONS

Specification	Value
Brand	POWERASIA
Model Name	5 CCT
Size	4 Inch
Color Temperature	2700K, 3000K, 4000K, 5000K, 6000K (Adjustable)
Wattage	9 Watts
Brightness	850 Lumens
Equivalent Incandescent Lamp	110W
Voltage	120 Volts (AC)
Color Rendering Index (CRI)	90.00
Average Life	50,000 Hours
Material	Aluminum, Metal
Installation Type	Recessed
Water Resistance Level	Waterproof (Wet Location Rated)
Certifications	ETL, Energy Star, FCC

SETUP & INSTALLATION

These ultra-thin LED recessed lights are designed for easy installation in both new construction and renovation

projects. No recessed can is required.

Installation Steps:

1. **Prepare the Ceiling:** Use the provided template to mark the desired location for the light. Cut a hole in the ceiling according to the template's size.

2. **Connect the Wires:** Open the junction box. Connect the household electrical wires (live, neutral, ground) to the corresponding wires inside the junction box using the provided 3-pin cable connectors. Ensure all connections are secure.

3. **Select Color Temperature (CCT):** Before inserting the junction box into the ceiling, locate the 5CCT switch inside the junction box. Select your desired color temperature (2700K, 3000K, 4000K, 5000K, or 6000K).

4. **Insert Junction Box:** Carefully tuck the wired junction box through the cut hole into the ceiling.

5. **Connect Light Panel:** Connect the light panel's male connector to the female connector extending from the junction box.

6. **Mount the Light:** Push the spring-loaded clips on the light fixture upwards. Insert the fixture base into the mounting hole. Release the clips to secure the light firmly in place against the ceiling.

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Easy Installation
No can needed

Step 1: Cut a hole

Step 2: Connect the wires

Step 3: Connect the light panel
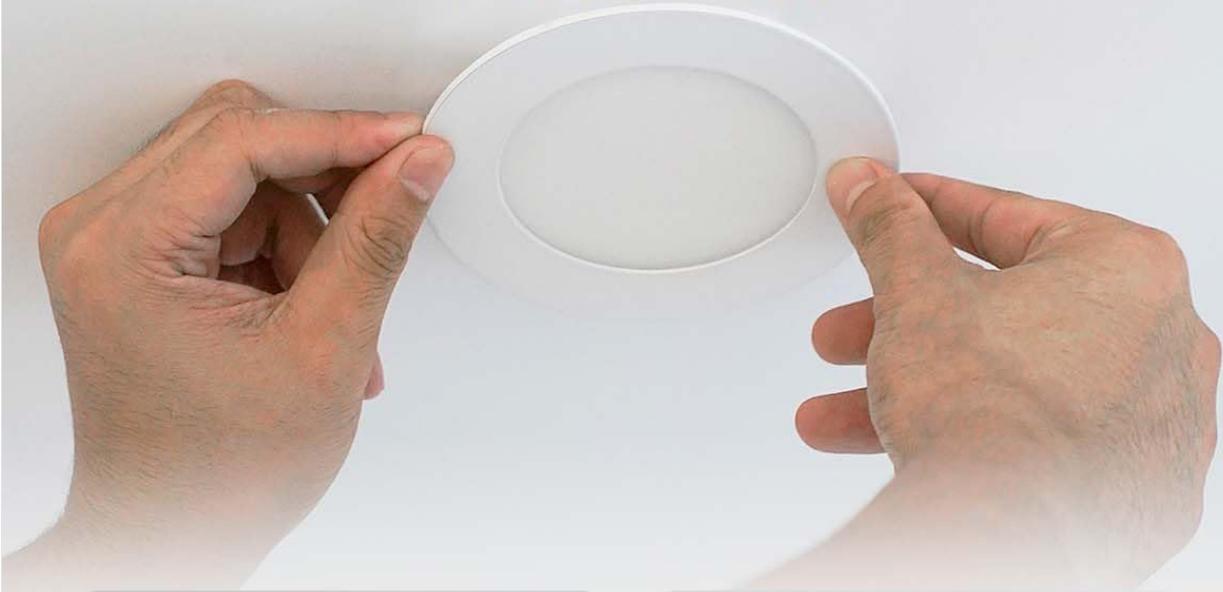
Step 4: Mount the light

Image: Visual guide showing the four steps of installation: cutting a hole, connecting wires, connecting the light panel, and mounting the light.

Image: A green circular template used for marking the correct hole size for installation.

Installation Video:

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Video: An official POWERASIA video demonstrating the ultra-thin LED recessed lighting, including its features and ease of installation.
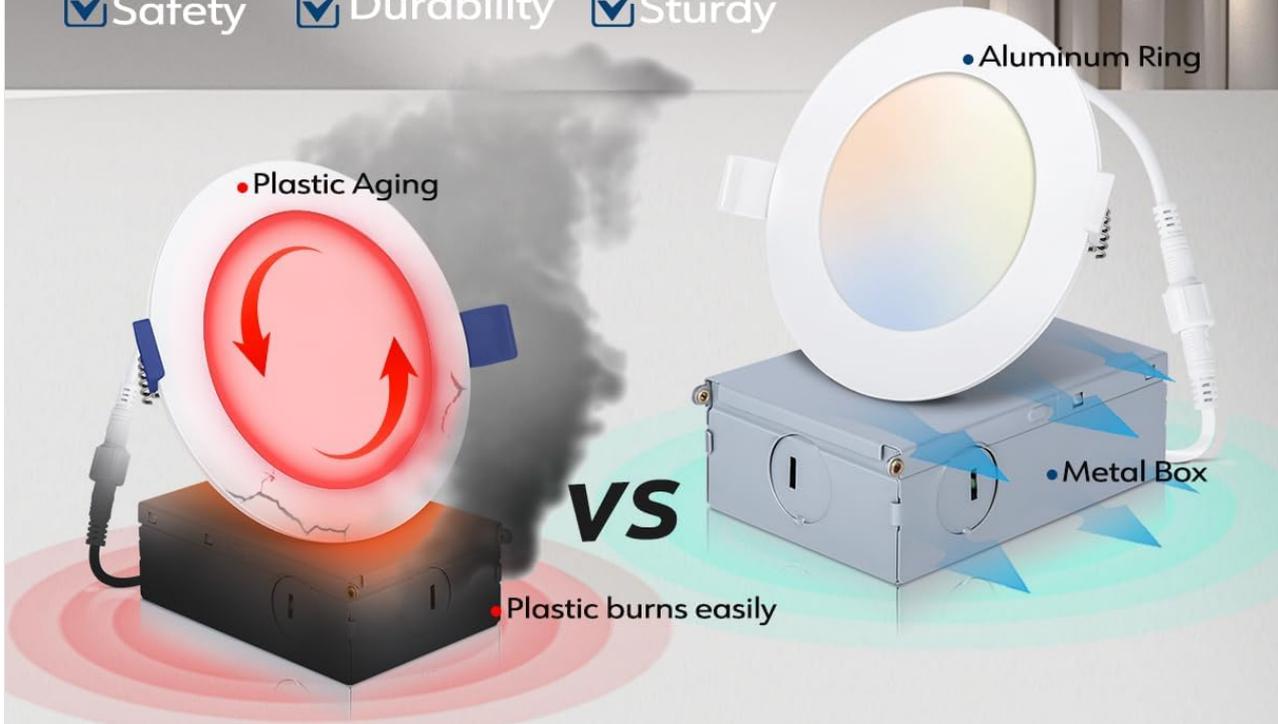
OPERATING INSTRUCTIONS

Color Temperature (CCT) Adjustment:

The 5CCT feature allows you to choose from five different color temperatures. This setting is adjusted via a small switch located inside the junction box. Ensure power is disconnected before accessing the junction box to change the CCT setting.

Image: Illustrates the five available color temperatures (2700K, 3000K, 4000K, 5000K, 6000K) and their typical application areas like bedroom, corridor, kitchen, bathroom, and living room.

Dimming Functionality:

These lights are seamlessly dimmable from 5% to 100%. To utilize the dimming feature, ensure you have a compatible dimmer switch installed. Refer to the product specifications or consult a qualified electrician for compatible dimmer models.

Image: Shows the 5%-100% silky smooth dimming capability of the lights, with indicators at 5%, 25%, 75%, and 100% brightness.

MAINTENANCE

The POWERASIA LED Recessed Ceiling Lights are designed for long-lasting performance with minimal maintenance.

- **Cleaning:** Ensure power is off before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the light fixture. Avoid abrasive cleaners or solvents that may damage the finish.
- **LED Lifespan:** With an average life of 50,000 hours, frequent bulb replacement is not necessary.

TROUBLESHOOTING

If you experience issues with your POWERASIA LED Recessed Ceiling Light, refer to the following common troubleshooting steps:

- **Light does not turn on:**

  - Check the circuit breaker to ensure power is supplied to the fixture.
  - Verify all wire connections in the junction box are secure.
  - Ensure the light panel is properly connected to the junction box.

- **Light flickers or dims unexpectedly:**

  - Confirm that the dimmer switch being used is compatible with LED fixtures.
  - Check for loose wiring connections.

- **Incorrect color temperature:**

  - Disconnect power and re-check the 5CCT switch setting inside the junction box. Adjust to the desired temperature.

If the problem persists after attempting these troubleshooting steps, please contact customer support.

WARRANTY & SUPPORT

POWERASIA provides a **two-year warranty** for this LED recessed light fixture. This warranty covers defects in materials and workmanship under normal use.

For any questions, technical assistance, or warranty claims, please contact POWERASIA customer support through the retailer's platform or visit the official POWERASIA store.

POWERASIA Customer Service Tenet: Selling is only the beginning of service, and satisfying your consumption experience is our service tenet.

Image: A graphic detailing POWERASIA's commitment to customer service, including a 5-year after-sales service, quick reply within 12 hours, and high sales volume.