

ZYC G-BR-10P3R

ZYC 3 Inch Recessed LED Lights Instruction Manual

Model: G-BR-10P3R

1. INTRODUCTION

This manual provides detailed instructions for the safe installation, operation, and maintenance of your ZYC 3 Inch Recessed LED Lights. Please read this manual thoroughly before installation and retain it for future reference. These LED lights feature a 5CCT (Correlated Color Temperature) selection, smooth dimming capabilities, and an adjustable gimbal design for targeted illumination.



Image 1: ZYC 3 Inch Recessed LED Lights (10-pack) in Oil-Rubbed Bronze finish, showing the light fixture and junction box.

2. SAFETY INFORMATION

Always follow basic safety precautions when installing and operating electrical equipment to reduce the risk of fire, electric shock, and personal injury.

- **WARNING: Risk of Electric Shock.** Disconnect power at the fuse or circuit breaker before installation or servicing.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Ensure all electrical connections are made correctly and securely.
- Do not modify the fixture. Any modifications may void the warranty and create safety hazards.
- Suitable for damp locations.
- Minimum 90°C supply conductors.

3. WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- LED Light Body

- Junction Box
- 1:1 Hole Template
- Specification Manual (this document)

4. SETUP AND INSTALLATION

It is highly recommended that a licensed electrician install your fixture to meet electrical codes.

1. **Prepare the Ceiling:** Use the provided 1:1 hole template to mark the desired location for the light. Cut a 2-3/4" inch hole in the ceiling.

Easy Installation

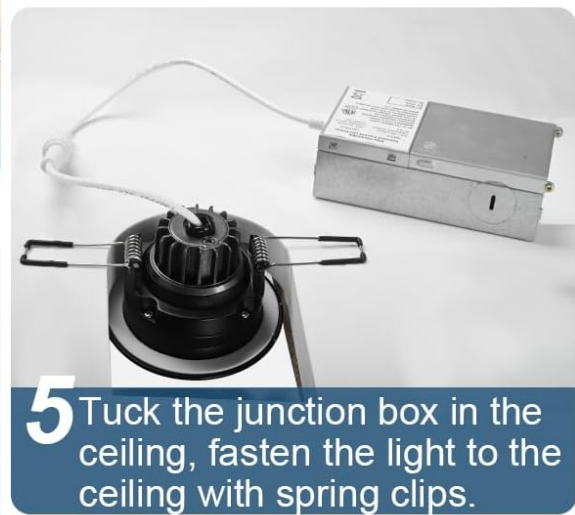
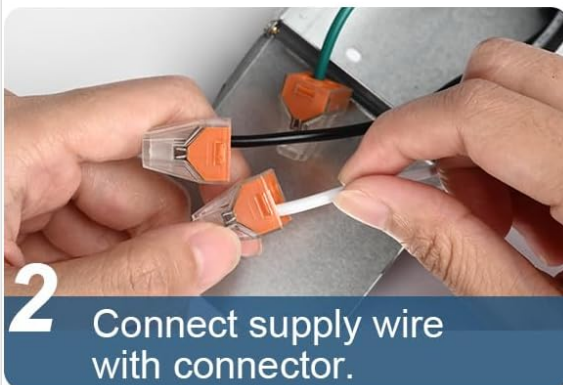


Image 2: Visual guide for the installation process, including cutting the hole, wiring, and mounting.

2. **Wiring the Junction Box:** Open the junction box cover. Connect the supply wires (Live, Neutral, Ground) to the corresponding wires inside the junction box using appropriate connectors. Ensure all connections are secure.
3. **Select Color Temperature:** Before closing the junction box, locate the 5CCT switch inside. Select

your desired color temperature (2700K, 3000K, 3500K, 4000K, or 5000K). This setting cannot be changed after the junction box is sealed and installed.

4. **Connect DC Cable:** Connect the DC cable from the LED light body to the DC output cable from the junction box. Ensure a firm connection.
5. **Mounting the Light:** Tuck the junction box into the ceiling hole. Gently push the LED light body into the hole. The spring clips on the sides of the light will secure it to the ceiling.

5. OPERATING INSTRUCTIONS

Your ZYC Recessed LED Lights offer adjustable features for optimal lighting control.

5.1 Color Temperature Selection (5CCT)

The 5CCT feature allows you to choose from five distinct color temperatures to match your environment or preference:

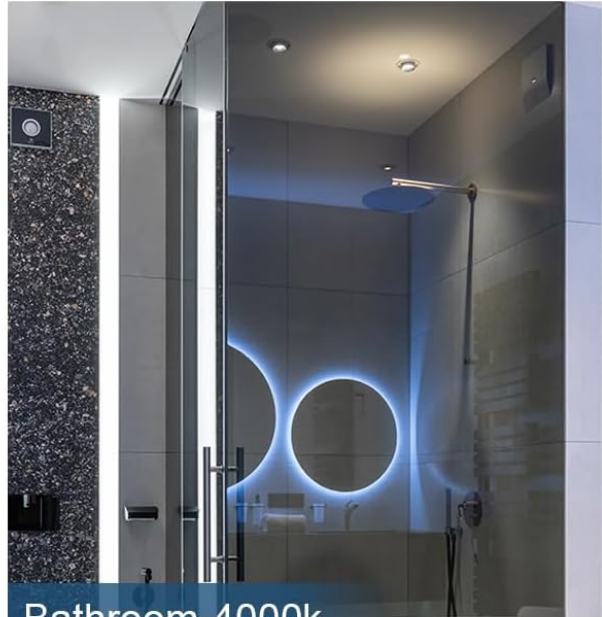
- **2700K:** Warm White, ideal for living rooms or bedrooms.
- **3000K:** Soft White, suitable for bedrooms.
- **3500K:** Neutral White, versatile for kitchens.
- **4000K:** Cool White, often used in bathrooms.
- **5000K:** Daylight, suitable for home offices or task lighting.

The color temperature is set via a switch inside the junction box during installation (refer to Section 4, Step 3).

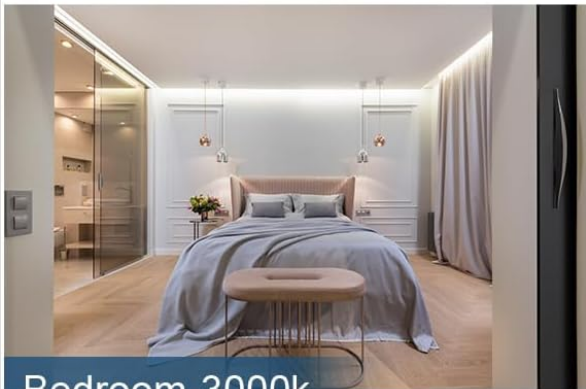
5CCT IN ONE



Living Room-2700k



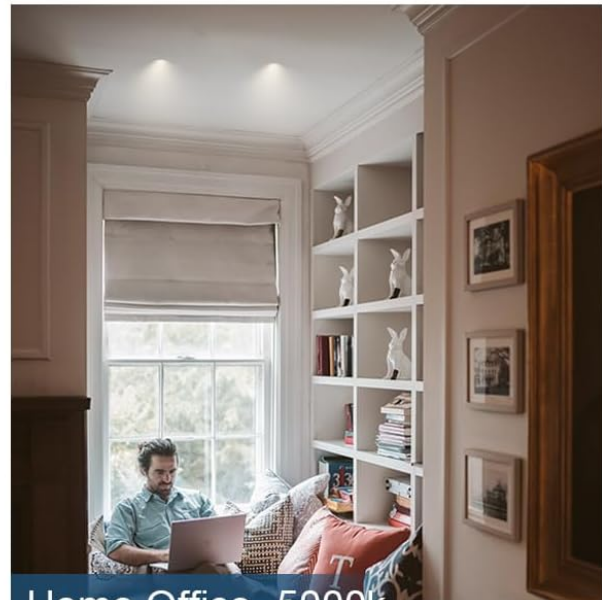
Bathroom-4000k



Bedroom-3000k



Kitchen-3500k



Home Office -5000k

Image 3: Illustrates the effect of different color temperatures (5CCT) in various room settings.

5.2 Smooth Dimming

These lights are compatible with triac dimmers, allowing for smooth dimming from 5% to 100%. Ensure you use a compatible dimmer switch for optimal performance.

5%-100% Smooth Dimmable



Image 4: Demonstrates the 5%-100% smooth dimming capability of the lights.

5.3 Adjustable Gimbal

The gimbal design allows for a 30° tilt angle and 360° rotation, enabling you to direct the light beam to highlight specific areas or objects.

Adjustable Lighting

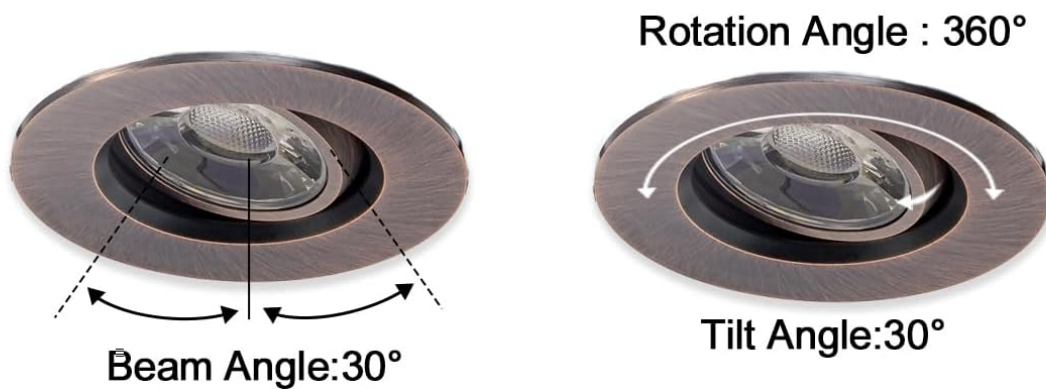


Image 5: Illustrates the adjustable tilt and rotation features of the gimbal light.

6. MAINTENANCE

These LED lights require minimal maintenance.

- **Cleaning:** Ensure power is off before cleaning. Wipe the fixture with a soft, dry, or slightly damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Bulb Replacement:** The LED light source is integrated and not user-replaceable. The fixture is designed for long-term use.

7. TROUBLESHOOTING

If you encounter issues with your ZYC Recessed LED Lights, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; Loose wiring; Faulty switch.	Check circuit breaker/fuse. Ensure all wire connections are secure. Test the switch.
Light flickers or dims inconsistently.	Incompatible dimmer switch; Loose wiring; Overloaded circuit.	Ensure dimmer is LED compatible. Check wiring. Reduce load on the circuit.
Incorrect color temperature.	CCT switch set incorrectly.	Access the junction box (power off first) and adjust the CCT switch to the desired setting.

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

8. SPECIFICATIONS

Dimension and Specification



Tilt Angle: 30°

Amper: 180mA

Beam Angle: 40°

Voltage: 120VAC

Wattage: 8W

Cut Out Size: 2.76Inch

Image 6: Detailed dimensions and technical specifications of the ZYC recessed light.

- **Brand:** ZYC
- **Model Name:** ZYCGIM
- **Model Number:** G-BR-10P3R
- **Color:** Oil-Rubbed Bronze
- **Material:** Aluminum
- **Light Fixture Form:** Recessed
- **Product Dimensions:** 3.35"L x 2.52"W x 1.93"H
- **Indoor/Outdoor Usage:** Indoor
- **Power Source:** AC
- **Special Feature:** Adjustable Color Temperature, Compatible with Triac Dimmer
- **Light Source Type:** LED
- **Voltage:** 120 Volts
- **Wattage:** 8 Watts
- **Brightness:** 850 Lumens
- **Efficiency:** 106.25 lumens/watt
- **Color Temperature:** 2700K, 3000K, 3500K, 4000K, 5000K (selectable)
- **Tilt Angle:** 30°
- **Beam Angle:** 40°
- **Cut Out Size:** 2.76 inches (recommended)
- **Certifications:** ETL Listed, IC Rated

9. WARRANTY AND SUPPORT

ZYC provides a 3-year limited manufacturer's warranty for this product, covering defects in materials and workmanship under normal use.

For technical support, warranty claims, or any questions regarding your ZYC Recessed LED Lights, please contact ZYC customer service. Refer to the packaging or the ZYC official website for the most current contact information.

ZYC is committed to providing high-quality products and responsive customer service.
