

## Luminus B09JL1F1HT

# Luminus 4-inch LED Gimbal Panel with Junction Box Instruction Manual

Model: B09JL1F1HT

## 1. PRODUCT OVERVIEW

The Luminus 4-inch LED Gimbal Panel is a dimmable, energy-efficient lighting solution designed for easy installation in various ceiling types. This panel features a separate, low-profile junction box, making it suitable for hard-to-fit areas and both insulated and uninsulated ceilings. It provides 750 lumens of 2700K warm white light, equivalent to a 75W incandescent bulb while consuming only 12W.

Key features include:

- **Quantity:** Includes 6 LED gimbal panels with separate junction boxes.
- **Energy Efficiency:** 12W LED replaces 75W incandescent.
- **Light Output:** 750 Lumens.
- **Color Temperature:** 2700K Warm White.
- **Dimmable:** Compatible with most standard dimmers.
- **Beam Angle:** 40° directional light.
- **Lifespan:** Approximately 35,000 hours.
- **Gimbal:** 30° adjustable tilt.
- **Color Rendering Index (CRI):** >90 for accurate color representation.
- **Wiring:** Push-in wire connectors with 3 ports for easy daisy chain capabilities.
- **Certifications:** Energy Star, ETL certified, RoHS compliant, and IC rated.

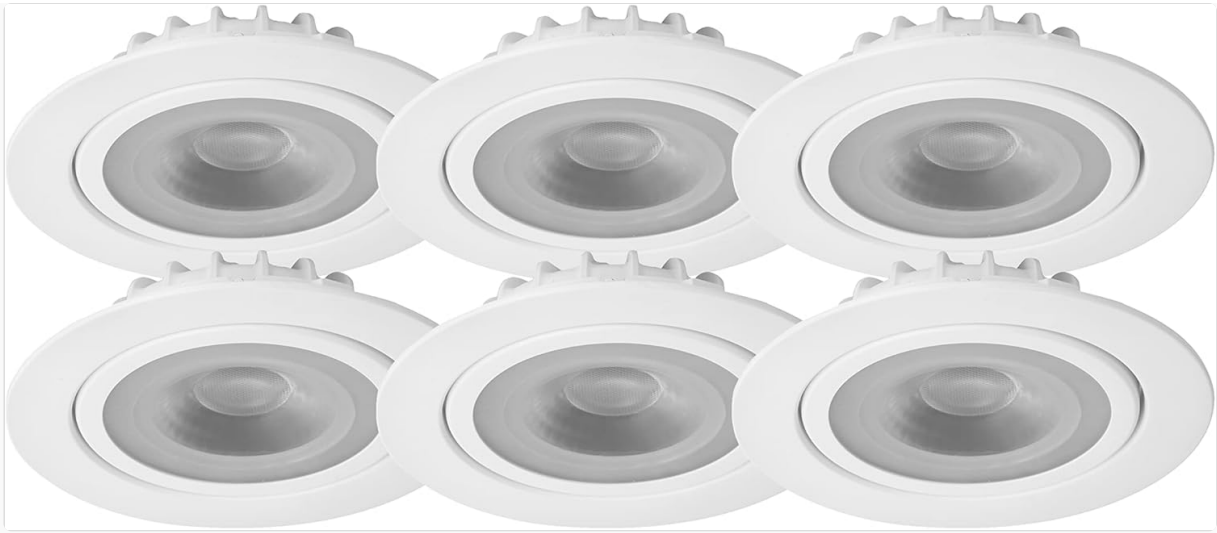


Image 1: Luminus 4-inch LED Gimbal Panel with its separate junction box.

## 2. SAFETY INFORMATION

---

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

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing 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 alter or modify the product in any way.
- Suitable for dry and damp locations. Not for use in wet locations.
- This fixture is IC rated, meaning it is suitable for direct contact with insulation.
- Minimum 90°C supply conductors.

## 3. PACKAGE CONTENTS

---

Verify that all components are present before beginning installation:

- 6 x Luminus 4-inch LED Gimbal Panels
- 6 x Separate Junction Boxes
- Instruction Manual



Image 2: Individual LED gimbal panel and its separate junction box.

## 4. SETUP AND INSTALLATION

---

### 4.1 Before You Begin

- Turn off power at the circuit breaker or fuse box.
- Ensure the installation location is suitable for recessed lighting (dry or damp location approved).
- Determine the desired placement for each panel.
- Gather necessary tools: measuring tape, pencil, drywall saw or hole saw, wire strippers, safety glasses.

### 4.2 Installation Steps

1. **Cut Hole:** Using a hole saw or drywall saw, cut a 4-inch (100 mm) diameter hole in the ceiling at the desired location. Ensure there are no obstructions behind the ceiling.



Image 3: The 4-inch (100mm) diameter of the LED gimbal panel.

2. **Open Junction Box:** Open the cover of the separate junction box. Remove the appropriate knockout(s) for your electrical wiring.
3. **Connect Wiring:** Feed the electrical supply wires (live, neutral, and ground if applicable) into the

junction box. Use the push-in wire connectors inside the junction box to connect the house wiring to the fixture's wiring (black to black, white to white, ground to ground). This fixture is designed to work with 2-wire systems (no ground required) in older homes.

4. **Secure Junction Box:** Close the junction box cover and secure it. Place the junction box through the cut hole into the ceiling cavity. Its low-profile design allows for installation in tight spaces.
5. **Connect Panel to Junction Box:** Connect the cable from the LED panel to the cable extending from the junction box. Ensure the connection is secure.
6. **Insert Panel:** Push the spring-loaded clips on the LED panel upwards and insert the panel into the ceiling hole. The clips will hold the panel securely in place.
7. **Adjust Gimbal:** Once installed, adjust the 30° gimbal to direct the light as desired.
8. **Restore Power:** Turn the power back on at the circuit breaker.

## 5. OPERATING INSTRUCTIONS

The Luminus LED Gimbal Panel operates immediately upon power being supplied. It is designed for use with standard wall switches and most LED-compatible dimmers. For optimal dimming performance, ensure your dimmer is compatible with LED lighting.

- **On/Off:** Use a standard wall switch to turn the light fixture on or off.
- **Dimming:** If connected to a compatible dimmer switch, adjust the dimmer to control the light intensity.
- **Directional Light:** The 30° gimbal allows you to manually adjust the direction of the light beam to highlight specific areas or objects.

## 6. MAINTENANCE

The Luminus LED Gimbal Panel is designed for long-lasting, maintenance-free operation. No bulb replacement is necessary as the LEDs are integrated into the fixture.

- **Cleaning:** To clean the fixture, ensure power is off. Use a soft, dry, or slightly damp cloth. Do not use harsh chemicals or abrasive cleaners, as these may damage the finish or electrical components.
- **Lifespan:** The LEDs have an estimated lifespan of 35,000 hours, providing years of reliable lighting under normal use.

## 7. TROUBLESHOOTING

If you encounter issues with your Luminus LED Gimbal Panel, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Loose wiring connection. Faulty switch.	Check circuit breaker or fuse. Ensure all wire connections are secure (power off first). Test the switch with another device.
Light flickers or dims inconsistently.	Incompatible dimmer switch. Loose wiring.	Ensure dimmer is LED-compatible. Check wiring connections (power off first).

Problem	Possible Cause	Solution
Light output is too low.	Dimmer setting too low.	Adjust dimmer to maximum brightness.

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

## 8. SPECIFICATIONS

Detailed technical specifications for the Luminus 4-inch LED Gimbal Panel:

Specification	Value
Model Number	B09JL1F1HT
Power Consumption	12 Watts
Incandescent Equivalent	75 Watts
Luminous Flux	750 Lumens
Color Temperature	2700K Warm White
Dimmable	Yes
Beam Angle	40°
Gimbal Angle	30°
Lifespan	35,000 Hours (approx. 32 years based on 3 hrs/day)
Color Rendering Index (CRI)	>90
Certifications	Energy Star, ETL Certified, RoHS Compliant, IC Rated
Installation Type	Recessed, with separate junction box
Suitable Locations	Dry and Damp
Material	Plastic
Product Dimensions (Package)	54.4L x 15.8W x 15.8H Centimetres
Manufacturer	Conglom

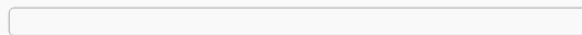


Image 4: Lighting Facts label detailing brightness, energy cost, lifespan, and light appearance.



Image 5: Visual representation of key features including wattage, dimmability, beam angle, color temperature, CRI, lumens, and certifications.

## 9. WARRANTY INFORMATION

This Luminus LED Gimbal Panel is covered by a **3-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, accident, misuse, abuse, or unauthorized modifications.

For warranty claims, please retain your proof of purchase.

## 10. SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Luminus customer support.

- **Brand:** Luminus
- **Manufacturer:** Conglom
- **Place of Business:** Saint-Laurent, QC H4S 2C3, CA

Please visit the official Luminus website or contact your retailer for the most up-to-date contact information.

