



Installation Instructions & Warranty Information for Gimbal Recessed LED Fixtures Models
LL2G, LL3G and LL4G by Lotus LED Lights

CONSTRUCTION: Gimbal Recessed LED fixtures with integral LEDs. Isolated Class 2 external driver factory installed inside connection box. One driver for every fixture required. LED fixture and driver are TYPE IC rated - approved for direct contact with insulation. Housing is NOT required even for insulated ceilings. Suitable for Category 1 Damp Locations and soffit installations. Not suitable for commercial steam showers and saunas. Not waterproof - DO NOT expose to water. Rated average lifespan: 50,000 hours. Driver Input Voltage: 120V (dimmable), Optional: 277-347V (not dimmable), AC 50-60 Hz. Check the label before installing. Ambient Temperature: -40°F to +104°F (40°C to +40°C). Available Light Colours (Kelvin): Warm White 3000K and Neutral White 4100K. CRI > 92. Available Trims: White, Brushed Nickel and Black. Available Accessories: Extension Cables of 6' and 20' lengths, Goof Rings and New Construction Rough-In Plates for the 3" and 4" models.

CERTIFICATIONS: cULus, Energy Star, Type IC, Air-tight.

Model	Energy Used	Light Output	Halogen Equivalent	Hole Cut Out
LL2G	5 W	Warm 400 lm, Neutral 430 lm	35 W	2" to 2 1/4" (52 to 58 mm)
LL3G	7.5 W	Warm 600 lm, Neutral 650 lm	50 W	2 3/4" to 3" (69 to 77 mm)
LL4G	11.4 W	Warm 1000 lm, Neutral 1050 lm	90 W	4 1/4" to 4 1/2" (107 to 110 mm)

INSTALLATION INSTRUCTIONS: ALL FIXTURES AND CONNECTION BOXES MUST BE INSTALLED IN ACCORDANCE WITH CURRENT APPLICABLE ELECTRICAL CODES BY PROPER INSTALLATION METHOD AND QUALIFIED PERSON.

- Cut ceiling hole according to fixture's outside diameter.
- Open connection box by pulling up the cover.
- Remove one of the half-inch knockouts on the side plate.
- Install appropriate cable connector(s) (not provided). Use double connector for daisy chaining multiple drivers.
- Connect the same colored supply wires to the fixture wires.
- Close the cover of the connection box and push it into the ceiling opening.
- Depending on the specific installation you may mount the connection box to a joist in the ceiling or leave it loose above the fixture.
- Connect the low voltage cable to the fixture - the arrows on the male and female parts of the connector between the driver and the fixture should match.
- Clip the fixture into ceiling opening.

* For new construction installations you may use the rough-in plates that we provide.

* If the ceiling hole is too big we provide "goof rings" for the round models.

OPTIONS FOR LOCATING DRIVER :

1. Locate next to the fixture - run line voltage wiring to first connection box and "daisy chain" the other connection boxes with line voltage cables.
2. Or install all drivers at one location and use low voltage extension cables to the fixtures. Use only extensions provided by the manufacturer - 6' (1.8m) and 20' (6m). Maximum run should not exceed 40' (12m).

DIMMING (120V driver only): Refer to www.lotusledlights.com for list of approved dimmers.

WARNING: DO NOT USE ANY OTHER DRIVERS EXCEPT THE LOTUS DRIVERS THAT ARE INCLUDED WITH THE FIXTURE. DO NOT CONNECT MULTIPLE FIXTURES TO ONE DRIVER. DO NOT OPEN THE LIGHT FIXTURE AND THE SIDE PLATES OF THE DRIVER - NO SERVICEABLE PARTS INSIDE.

MANUFACTURER'S LIMITED WARRANTY

Your Product, when delivered to you in new condition and in original packaging, is warranted against defects in materials and workmanship for a period of **10 years for residential or 5 years for commercial installations** from the date of the original purchase. Defective Products returned to Lotus LED Lights and proven to be defective upon inspection will be repaired, replaced with a new product or a credit will be issued against original invoice at the discretion of Lotus LED Lights.

Any comments you may have about this Product should be addressed to:

Canada: Lotus LED Lights, 800-15355 24 Ave, box # 200, Surrey, BC V4A 2H9, tel. 604-538-3090 email: warranty@lotusledlights.com

USA: Lotus LED Lights Inc., 250 H Street box # 301, Blaine, WA 98230, tel. 844-245-6887 email: warranty@lotusledlights.com

For avoidance of doubt, "to replace the Product" does not include any removal or installation costs or expenses, including without limitation labor costs or expenses, shipping costs to return non-conforming products or any damages that may occur during the return of product to Lotus LED Lights. This limited warranty is subject to the following additional conditions:

1. The Products have been installed and operated in accordance with the manufacturer's instructions.
2. Products have not been subject to accident, neglect, abuse, misuse, lightning, electrical surges or acts of God.
3. The Product has been purchased directly from an authorized Lotus LED Lights distributor within the jurisdiction of Canada and USA.
4. Purchase receipt or invoice is available for inspection by Lotus LED Lights.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference (2) This device must accept any interference received, including interference that may cause undesired operation
THE FOREGOING WARRANTY IS EXCLUSIVE, AND THE SOLE REMEDY FOR ANY AND ALL CLAIMS. IN NO EVENT WILL LOTUS LED LIGHTS BE LIABLE FOR ANY SPECIAL, COMPENSATORY, INDIRECT, PUNITIVE, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, WHETHER OR NOT LOTUS LED LIGHTS HAS BEEN ADVISED OF THE POSSIBILITY THEREOF.

