

Safety

- This luminaire is UL listed and should be installed in accordance with the National Electric Code and local regulations.
- Turn off power at fuse box or circuit breaker prior to installation and during maintenance.
- Installation and service must be performed by qualified personnel.

Installation

Installing the Fixture

- Install the fixture into the ceiling by sliding *mounting bars* (GBH-1246, or by others) into the appropriate slot on the *butterfly brackets* (see *Figure 1*).
- Adjust the bottom of the fixture so that it is flush with the ceiling line. Tighten the wing nuts on the adjustable *butterfly brackets*.

Making Electrical Connections

- **WARNING: Make sure AC power is OFF at fuse box or circuit breaker prior to making electrical connections.**
- Remove the *wiring compartment access plate* located on outside of fixture. Pull the LED driver lead wires out of the wiring compartment (see *Figure 1*).
- Remove either the 11/16" or 7/8" knockout and attach the appropriate supply wire connector (by others).
- Connect supply lead wires to the LED driver lead wires in accordance with the National Electric Code (NEC) and local regulations. Connect:
 - Ground wires to green and/or bare ground leads.
 - White (common) to white lead(s).
 - Power supply (line) to black lead(s).
- Reinstall the wiring compartment access plate.

Installing the Reflector Trim

- Install reflector by positioning the two *reflector spring clips* into the *reflector mounting slots* provided in the housing (see *Figure 1*).
- Push the reflector into the fixture until the spring clips snap into the slots and the reflector is flush with the ceiling.

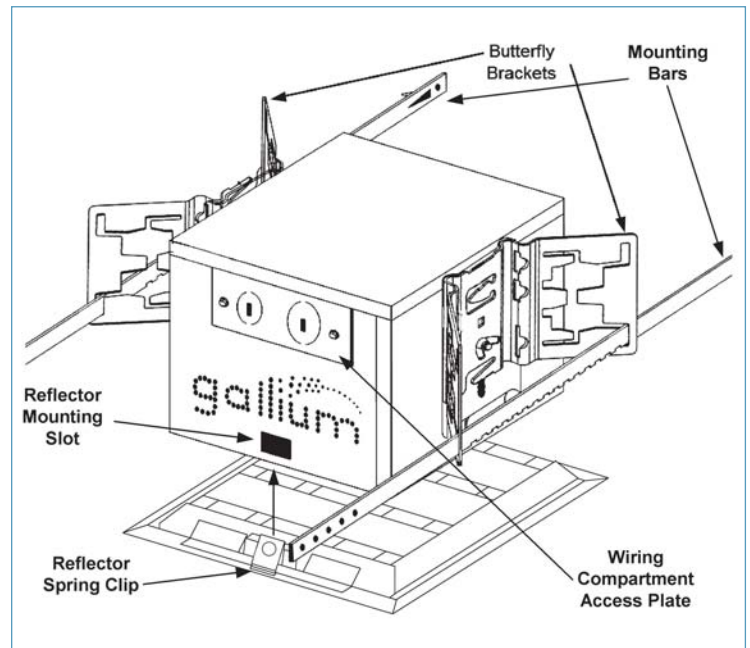


Figure 1: Gallium GS6 Series mounting hardware.

Maintenance

Printed Circuit Board Replacement

- **WARNING: Make sure AC power is OFF at fuse box or circuit breaker prior to making electrical connections.**
- Remove the reflector trim (See *Installing The Reflector Trim*, above).
- Remove printed circuit board and heat sink assembly by removing *circuit board mounting screw*. Disconnect the *LED driver lead(s)* (see *Figure 3*).
- Remove heat sink from printed circuit board by removing *heat sink mounting screws*. Apply a thin coat of thermal grease to ensure effective thermal transfer from printed circuit board to heat sink. Reinstall heat sink on new printed circuit board.
- Reconnect the *LED driver lead(s)* to the printed circuit board.
- Reinstall printed circuit board and heat sink assembly.
- Reattach reflector trim.

LED Driver Replacement

- Remove the printed circuit board and heat sink assembly.
- Remove wireway cover by removing *wireway cover mounting screw* (see *Figure 3*).
- Remove drivers from housing.
- Disconnect wire leads from the push-in terminals on the LED driver(s). Insert pin or small flat screwdriver in LED driver release slot to release wire leads.
- Reconnect the LED driver leads. Refer to the wiring diagram on the driver for proper connections. **WARNING: Do not reverse the polarity of the LED driver leads. Doing so will damage the LEDs and void Gallium's warranty.**
- Reattach wireway cover, printer circuit board and heat sink assembly, and reflector trim.

Reflector Trim

- Reflector may be cleaned with a soft, lint-free cloth used either dry or with a mild detergent.
- If used with a mild detergent, rinse and use a soft, dry, lint-free cloth to wipe the excess water off of the reflector.

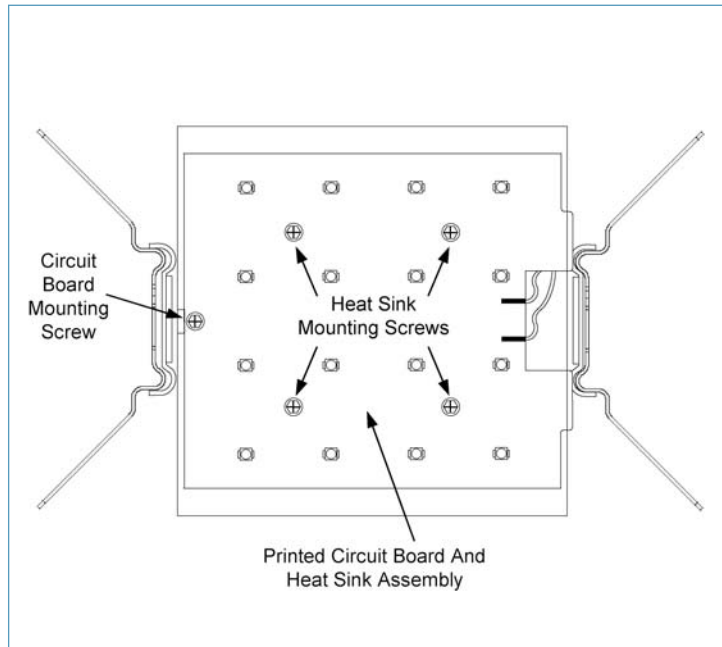


Figure 2: Gallium GS6 Series printed circuit board.

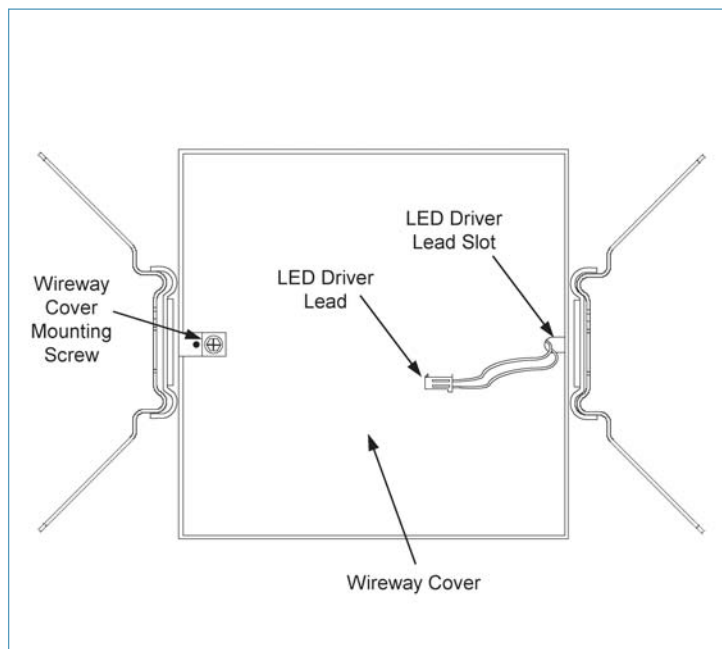


Figure 3: Gallium GS6 Series wireway cover.