



# LED 3.5" Fixed Recessed Downlight

## GLI-FRD35

INSTALL AND MAINTENANCE MANUAL

### WARNING

1. Read all instructions.
2. Install in accordance with national and local electrical code regulations.
3. This product is intended to be installed and serviced by a qualified, licensed electrician.
4. Turn off electrical power before installing or servicing luminaire in any way.
5. To reduce the risk of fire and overheating, make sure all connections are tight.



**May result in serious injury or death.  
Turn power OFF at circuit breaker  
prior to installation or servicing.**

# LED 3.5" Fixed Recessed Downlight

## CAUTION

- DO NOT HANG THE LIGHT FROM THE WIRES BEFORE FINISHING INSERTING AND TWISTING ALL OF THE MALE/FEMALE CONNECTORS.
- Fixture should NOT be modified because this may render the product unsafe. Modifications may also void warranty.
- Suitable for wet locations.
- The installation and removal of lamps require professional technical personnel to operate.
- Only install indoors.
- Do not mix different sizes on the same dimmer, not all fixtures will exhibit the same dimming level.

## TOOLS REQUIRED

- Saw
- Measuring Tape
- Electrical Wiring (use type and gauge suitable for application to connect the fixtures)

## INSTALLATION INSTRUCTIONS

### PRE-INSTALLATION

#### STEP 1

Before beginning installation, turn OFF power from the electrical panel.

#### STEP 2

Once an appropriate position to plate the fixture is established, open a hole depending on the cut-hole dimensions (refer to Hole Cut Table for appropriate size).

#### STEP 3

Electrical wire runs from the switch (power supply) through the mounting hole using NMD90 Romex or BX cable.

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## INSTALLATION INSTRUCTIONS

### DRIVER WIRING

#### STEP 1

Swing cover open on the hardwire box. The appropriate knockout(s) should be removed.

#### STEP 2

Run the electrical supply cable through the knockout and use a cable connector (sold separately) to secure.

#### STEP 3

Connect green ground wire from cable to green wire from box using wire nuts.

Connect white wire from cable to white wire from box using wire nuts.

Connect black wire from cable to black wire from box using wire nuts. (Fig. 1)

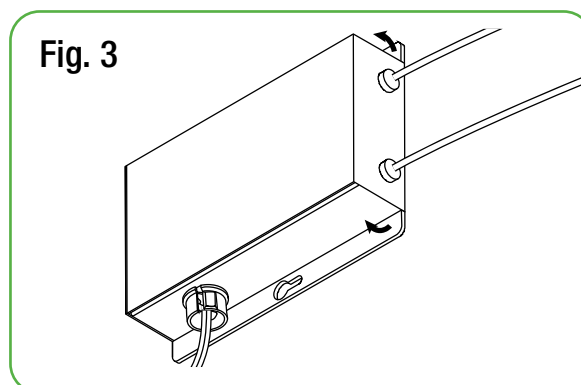
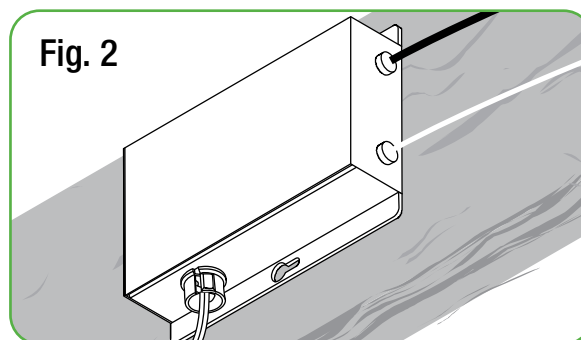
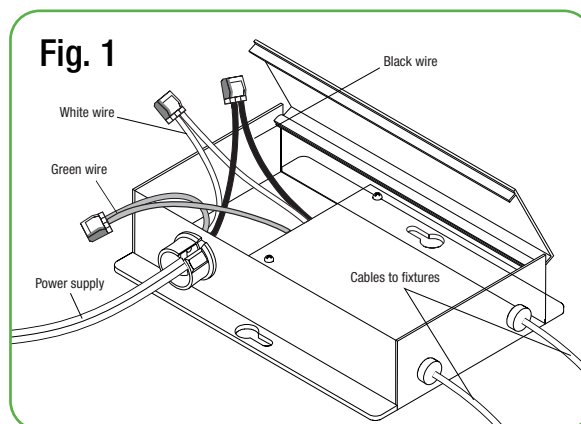
#### STEP 4

Close the cover once all wiring and connections are put back in the box.

#### STEP 5

New construction applications: Hardwire box should be secured firmly to studs, joists, or similar fixed structural units. (Fig. 2)

Remodel applications: Hardwire box does not need to be firmly secured after concealing mounting plates, studs, joists, or structural units. Hardwire box tabs should be snapped off before being inserted into the ceiling. (Fig. 3)



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## INSTALLATION INSTRUCTIONS

### FIXTURE INSTALLATION

#### STEP 1

Insert and twist the male/female connectors to connect the fixture to the hardwire box. (Fig. 4) (A)

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#### STEP 2

Use the CCT switch (A) to select the desired Color Temperature. (Fig. 5) (B)

#### STEP 3

Push up the spring loaded clips on the fixture and insert base of the fixture in to the mounting hole. When the clips are released, the fixture will be pulled flush to the ceiling. (Fig. 5) (C)

#### STEP 4

Once assembled, power on all fixtures to test in case of any faults. Ensure that fixture is working properly.

#### Hole Cut Size

1-light 3-3/4" (95mm)

2-light 7-5/16" (185x95mm)

3-light 10-7/8" (275x95mm)

Fig. 4

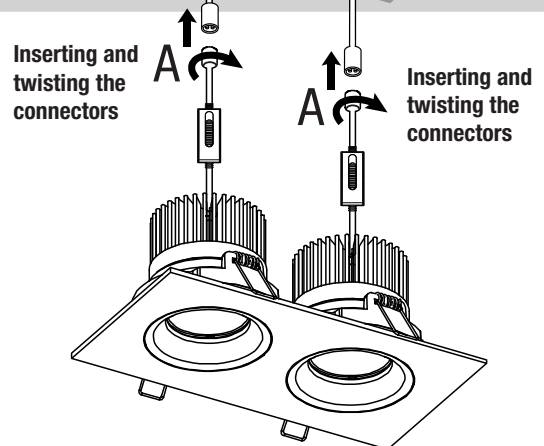


Fig. 5

