



⚠ WARNING

These products may represent a possible shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with these instructions, current electrical codes, and/or the current National Electric Code (NEC).

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The electrical rating of this product is 120V AC. The installer must determine whether power supply is appropriate at the luminaire before installation. Ensure power supply is turned off at the fuse box or circuit breaker prior to attempting installation or servicing of the fixture.

SAFETY INFORMATION:

- Read all instructions before beginning ; save these instructions for future use.
 - To reduce the risk of fire, electric shock , or injury to persons, pay close attention to this manual and stay within its guidelines when using this product.
 - Installation of this fixture requires knowledge of recessed lighting luminaires and their electrical systems. if not qualified or uncertain, do not attempt installation contact a qualified electrician.
 - Supply conductors(power wiring)connecting the fixture must be rated for a minimum of 90°C (194° F)
 - Do not make or alter any open holes in wiring enclosures, nor in any electrical components during installation.
 - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects
 - To avoid electrical shock, do not turn on fixture with missing or damaged lens.
- There are no serviceable parts inside of the LED module

PRE-INSTALLATION:

1. Turn power OFF from the electrical panel before starting installation.
2. Locate a suitable location for the fixture and trace the outline of the cut-out template on the drywall or ceiling tile (for a suspended T-Bar type ceiling). Cut the hole following the outline. if need, refer to hole Cut Size Table for appropriate size.
3. Run electrical wire from the switch (power supply) through the mounting hole; use NMD90 Romex or BX cable

For new-construction installation: An aluminum mounting plate is required; see INSTALLING NEW-CONSTRUCTION MOUNTING PLATE below
For remodel installation: No mounting plate or plaster or can is required, see DRIVER WIRING BELOW.

HOLE CUT SIZE	3"	4"	6"
Round	80mm Diameter-Round	111mm Diameter-Round	158mm Diameter-Round
Square	80mmx80mm-Square	105mmx108mm-Square	158mmx158mm-Square

INSTALLING NEW-CONSTRUCTION MOUNTING PLATE:

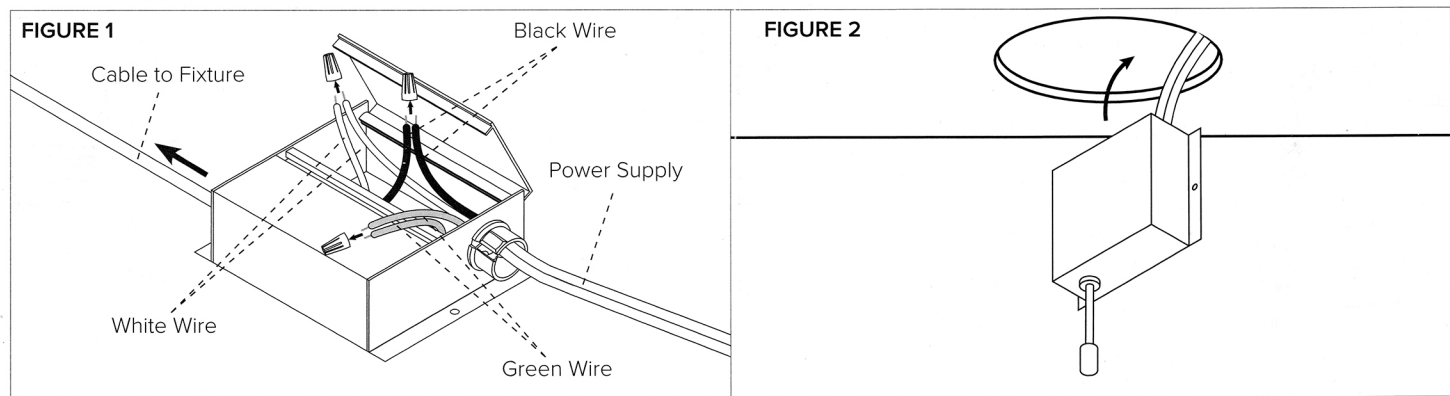
Position rough-in plate across two joists and secure it in four places using its mounting slots and appropriate fasteners.

DRIVER WIRING (See Figures 1-2):

1. Open the hard wire box swing cover and remove the appropriate knockout(s).
2. Insert the electrical supply cable through the knockout and secure with a cable connector (sold separately).
3. Using wire nuts, connect green/ground wire of cable to green wire in junction box, connect white wire of cable to white wire in junction box, connect black wire of cable to black wire of box (See Figure 1).
4. Place all wiring and connections back in to the box and close the cover.
5. Insert hardwire box through the mounting hole (see Figure 2).

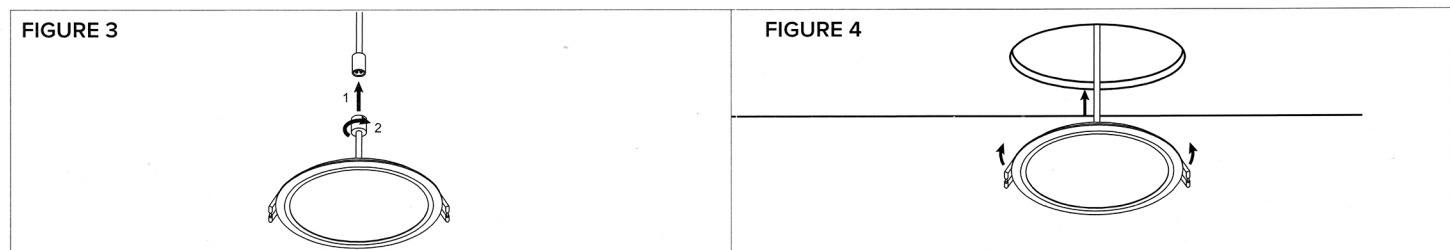
For new-construction installation: Hardwire box shall be firmly secured to studs, joists, or similar fixed structural units.

For remodel applications: Hardwire box is not required to be secured after the plates, studs, joists, or structural units have been concealed.



FIXTURE INSTALLATION (See Figures 3-4):

1. Connect the fixture to the hardwire box by inserting and twisting the make/female connectors together (See Figure 3).
2. Push spring loaded clips on the fixture upwards and insert fixture base in to the hole. Release the clips and fixture will be pulled flush to ceiling (See Figure 4).
3. Once assembly is complete, turn on power to confirm fixture is working properly.



CARE AND MAINTENANCE: