

IMPORTANT: Read all instructions before installing fixture. Retain for future reference.

SAFETY: This fixture must be wired in accordance with local electrical codes and ordinances. Carefully observe grounding procedure under installation section. All work should be done by a qualified electrician.

WARNING: Make certain power is OFF from the electrical panel before starting installation or attempting any maintenance.

Do not mix different sizes and styles of fixtures on the same dimmer, not all fixtures will exhibit the same correlated colour temperatures at the same dimming level.

TOOLS REQUIRED:

- Keyhole saw
- Wire strippers
- Tape measure

INSTALLATION INSTRUCTIONS:

1. Measure distance from walls and mark position of fixture to be installed on ceiling.
2. Carefully scribe hole template, in accordance to cut hole size, on desired location.
3. Carefully cut hole in ceiling (Fig. 1).
4. Follow steps 1 through 4 under "electrical connections".
5. Connect driver enclosure to engine by connecting the quick disconnect and securing the disconnect enclosure (Fig. 5).
6. Pass the driver enclosure and attached bx cable through the hole and place on straight surface inside the ceiling cavity.
7. Push the pressure tabs upwards towards the LED engine (Fig. 6).
8. Push the fixture through the hole until the trim is flush with the ceiling. Pressure tabs will retract to hold trim in place.

ELECTRICAL CONNECTIONS:

1. Provide electrical service according to your local electrical code for a suitable junction box. Supply wire insulation must be rated for at least 90°C (Fig. 2).
2. Remove the driver enclosure cover. Remove the appropriate knock-out(s) to accommodate the type of electrical service to be used (Fig. 3).
3. Insert electrical supply cable through knock-out in the driver enclosure and secure with cable connector. Wire enclosure using pre-installed push-in connectors. Do the wiring as per NEC (National Electric Code) standards. Connect green ground wire of cable to green wire on fixture. Connect white wire of cable to white wire of fixture. Connect black wire of cable to black wire of fixture (Fig. 4).
4. If using 0-10V dimming, connect matching purple and grey wires with the supplied block connector.
5. Place all wiring and connections back in driver enclosure and replace cover.

NOTE: Driver enclosure must be attached to structure or joist.

NOTE: Above ceiling access may be required, please check specifications for requirements.

NOTE: If mounting is new construction or architectural, secure driver to driver mounting clips found on tray.

IC BOX WITH CHICAGO PLENUM RATING:

1. On desired sides, attach hanger bar brackets to opposing sides. Align hanger bar brackets with mounting holes and secure with provided screws [use #2 Phillips screwdriver].
2. Insert both female and male parts of the hanger bars into the bracket from opposite ends. Ensure the male part is inserted within the female part and that the end tab is facing downwards.
3. Extend hanger bars and level to lower edge of joists. Hammer all nails into the joists.
4. Remove the appropriate knock-out(s) from the IC box to accommodate the electrical service to be used.
5. Insert the electrical supply cable through knock-out in the IC box and secure with cable connector (Fig. 7).

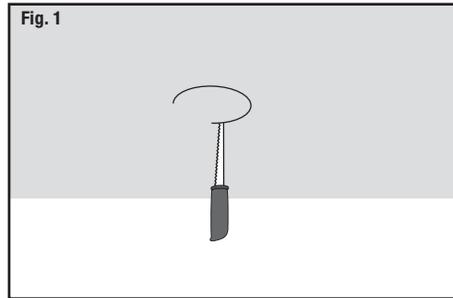


Fig. 1

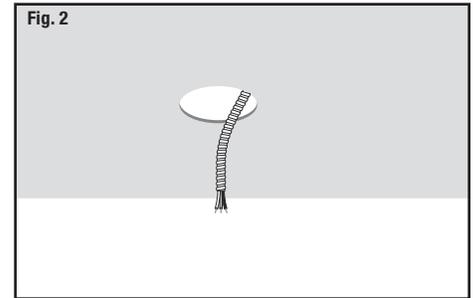


Fig. 2

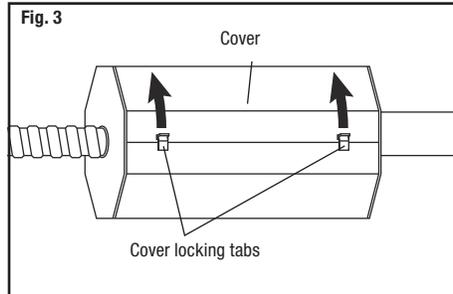


Fig. 3

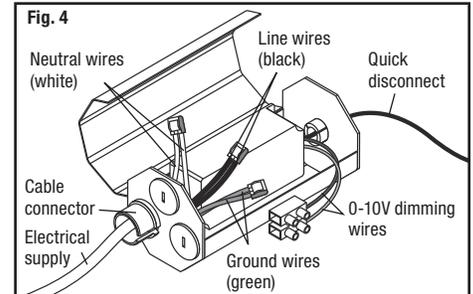


Fig. 4

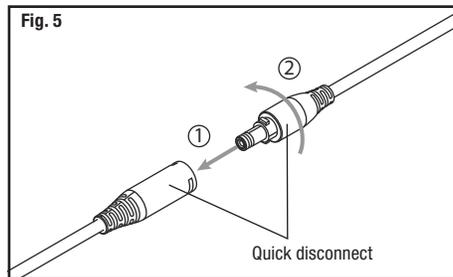


Fig. 5

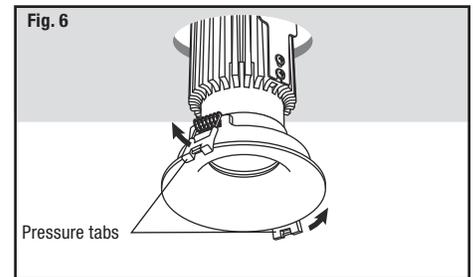


Fig. 6

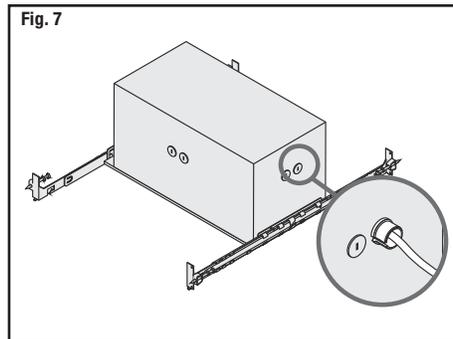


Fig. 7

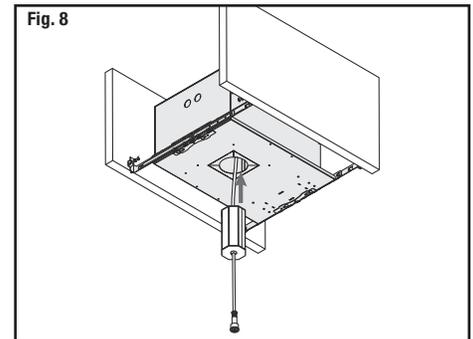


Fig. 8

Hole Cut Size $\text{Ø } 2 \frac{15}{16}'' (75\text{mm})$

6. Follow steps 1 through 5 under "ELECTRICAL CONNECTIONS".
7. Place fully connected driver flat inside IC box (Fig 8).
NOTE: Use supplied aluminium tape to seal unused knockouts to be in compliance with Chicago Plenum and ASTM E283.

These instructions do not claim to cover all details or variations in the equipment, procedure, or process described, nor to provide directions for meeting every possible contingency during installation, operation or maintenance. When additional information is desired to satisfy a problem not covered sufficiently for user's purpose, please call the technical support toll free number listed below.

PREFAB DRYWALL ADAPTER APPLICATIONS:

1. Cut hole in ceiling to match prefab drywall adapter dimensions [12"×12"] (Fig. 9).
2. Follow steps 1 through 5 under "electrical connections".
3. Secure prefab drywall adapter to the ceiling using back blocking (Fig. 10).

NOTE: Ensure to pull driver lead through the prefab drywall adapter for engine install.

4. Tape and plaster seams.
- NOTE:** All trimless openings needs to be protected during painting and priming.
5. Connect driver enclosure to the engine with quick disconnect and twist lock to secure connection (Fig 11).
6. Insert cable and engine into opening on the prefab drywall adapter.

TRIMLESS ADAPTER:

1. Follow steps 1 through 5 under "electrical connections".
2. Align the Sigma adapter with the drywall hole and screw in place (Fig. 12). Ensure to pull driver lead through the trimless adapter for engine install.
3. Plaster over the trimless adapter, be careful not to fill past raised trim.
4. Connect driver enclosure to engine with quick disconnect and twist lock.
5. Insert cable and engine into trimless adapter opening.

