

LED SLIM DOWNLIGHT SERIES

WFR Series Install Guide

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

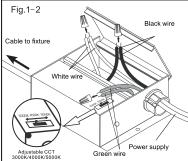
SAFETY: For your safety, this fixture must be wired in accordance to local electrical codes and ordinances. All work should be done by a qualified electrician.

WARNING: Make certain power is OFF from the electrical panel before starting installation or attempting any maintenance. Indoor installation only. Use on 120 VAC (Fig.1-2) or 120-277 VAC (Fig.1-1), 60Hz circuits.

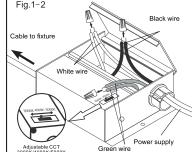
0-10V Dimming Driver 0-10V Dimming Driver Adjust the brightness of LED light with 0-10V dimmer switch Slide the dimmer switch to "0V", 4% brightness of LED light Slide the dimmer switch to "10V", 100% brightness of LED light

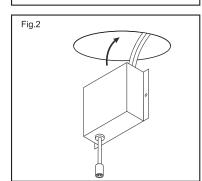
Fig.1-1 Black wire Power supply Adjustable CCT 3000K/4000K/5000

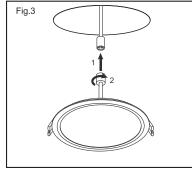


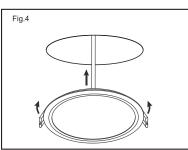












TOOLS REQUIRED:

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

PRE-INSTALLATION:

- 1. Turn power OFF from the electrical panel before starting installation.
- 2. Locate a suitable position to plate the fixture and open in accordance to the cut-hole dimensions (refer to Hole Cut Table for appropriate size).
- 3. Run electrical wire from the switch (power supply) through the mounting hole-use NMD90 Romex or BX cable.

DRIVER WIRING:

- 1. Open the hardwire 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. Make wiring connection to hardwire box.
 - a. Connect Black wire to line wire.
 - b. Connect White wire to neutral wire.
 - c. Connect Green & Yellow wire to ground wire.
 - d. Route and connect Purple and Grey 0-10V dimming
 - control wires in accordance with dimmer instrutions and electrial code.

NOTE: If 0-10V dimming is NOT to be connected, it is recommended to cut off the exposed, tinned leads on the purple and grey wires, and cover the ends with a small piece of electrical tape or wire nut. If bare 0-10V control wires should accidentally touch a grounded surface,

it could cause unintended flickering or dimming of the light fixture.

- 4. Place all wiring and connections back in to the box and close the cover.
- 5. Insert hardwire box through the mounting hole. (Fig.2) New construction applications: Hardwire box shall be firmly secured to studs, joists, or similar fixed structural units.

Remodel applications: Do not require the hardwire box to be frmly secured after the mounting plates, studs, joists, or structural units have been concealed.

FIXTURE INSTALLATION:

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

Hole Cut Size / Taille Trou Découpé

4 inch round, 4 inch square Ø4-1/4"(108mm) 6 inch round, 6 inch square Ø6-1/4"(158mm) Ø8-1/4"(210mm) 8 inch round



