

**READ AND FOLLOW ALL SAFETY INSTRUCTIONS! SAVE THESE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION.**

**⚠ WARNING: RISK OF ELECTRIC SHOCK**

- Before installation or servicing **DISCONNECT POWER BY TURNING OFF THE CIRCUIT BREAKERS** both to the outlet box and to its associated wall switch.
- Installation and service of luminaires should be performed by a qualified licensed electrician in accordance with all local and National Electrical Codes.
- Do not install damaged product
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- All wiring connections should be capped with UL approved recognized wire connectors.

**⚠ WARNING: RISK OF INJURY**

- Allow luminaire to cool before servicing.
- Follow all manufacturer's warning and restrictions for driver type, mounting locations, replacement and recycling.
- Wear safety glasses and gloves when installing, maintaining or servicing.
- Avoid direct eye exposure to the light source while it is on.

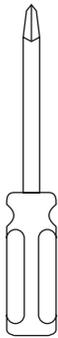
**⚠ WARNING: RISK OF FIRE**

- Do not separate any other wires that may be in the box.
- Do not damage the insulation of older wiring.
- In regular circumstances the **BLACK** wire will be the "Hot" lead and the **WHITE** wire will be the "Neutral" or "Common" lead. A **GREEN** or **BARE COPPER** wire is "Ground". In older buildings, it is always good practice to reconfirm the polarity of the wiring.

**⚠ RISK OF PRODUCT DAMAGE**

- Never connect components under load.
- Do not touch the yellow surface of the LED as it may damage the light engine.

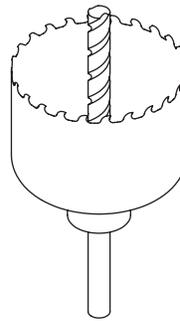
### ◆ TOOLS REQUIRED



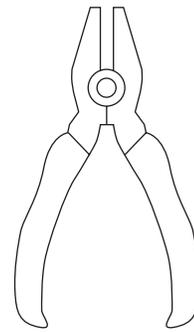
#1 Phillips Screw Driver



#2 Phillips Screw Driver

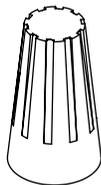


Hole Saw (or Speed Router)



Pliers

### ◆ ACCESSORIES REQUIRED

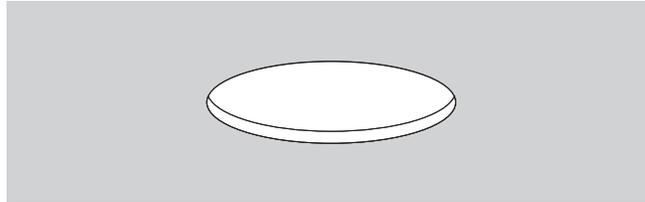


Electrical Wire Nut

### PREPARATION

#### ◆ MEASURE BEFORE YOU CUT

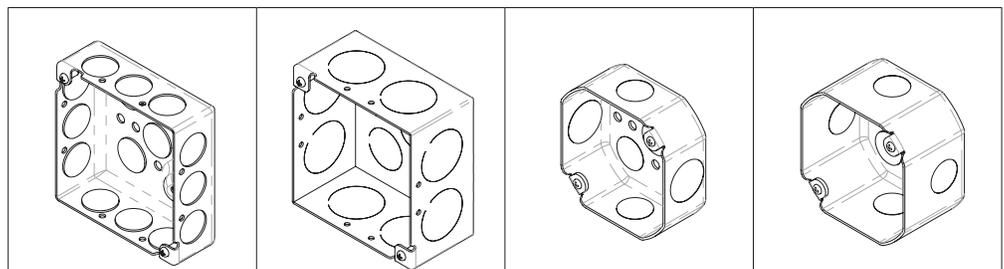
Consult the ceiling cutout table below to determine your application ceiling cutout requirements.



Model	Ceiling Cutout Size
Stem and Cord Mount (Retro Fit)	Ø 4" (Ø 101.6 mm)
Stem and Cord Mount (New Construction)	Ø 2½" (Ø 63.5 mm)

#### ◆ JUNCTION BOX COMPATIBILITY

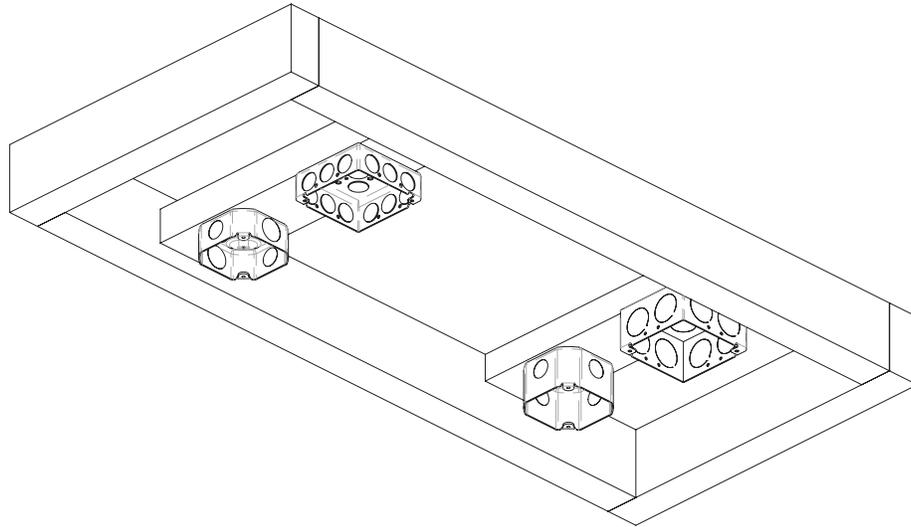
Consult the junction box chart for your application's junction box compatibility.



CYLINDER TYPE	CANOPY TYPE	SQUARE JUNCTION BOX 4" x 4" x 1-1/2"	SQUARE JUNCTION BOX 4" x 4" x 2-1/8"	OCTAGON JUNCTION BOX Ø4" x 1-1/2"	OCTAGON JUNCTION BOX Ø4" x 2-1/8"
STANDARD	RETRO FIT			✓	✓
	NEW CONSTRUCTION	✓	✓	✓	✓
ENTITY	RETRO FIT				✓
	NEW CONSTRUCTION	✓	✓		✓
BOTH	ALTERNATIVE DRIVER	✓	✓	✓	✓

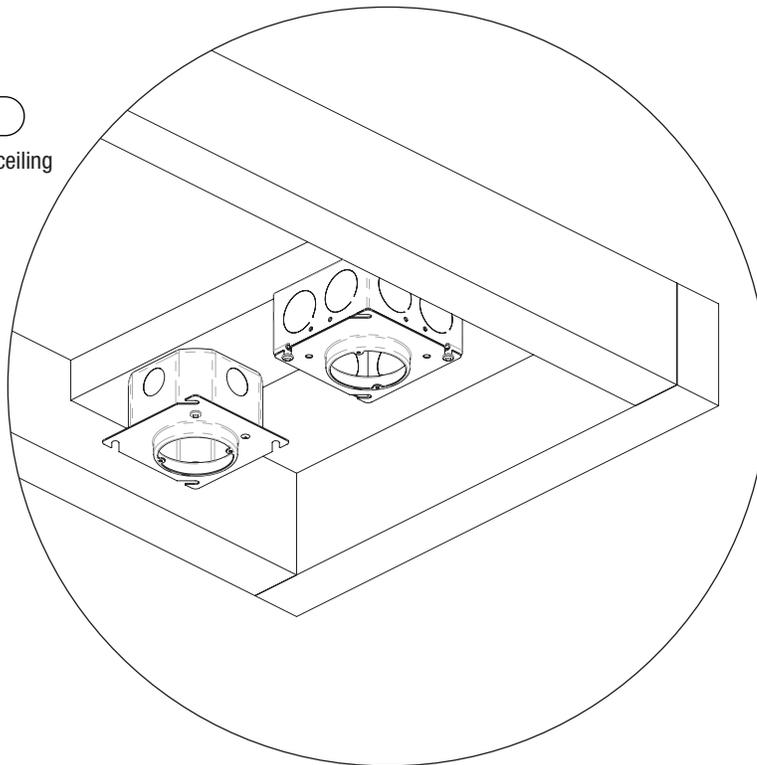
INSTALLATION

◆ STEP 1 | Mount Junction Box To Joist



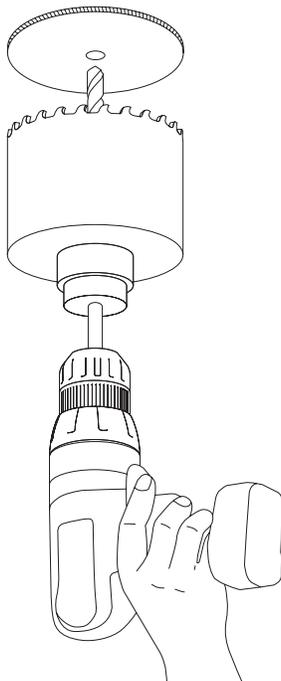
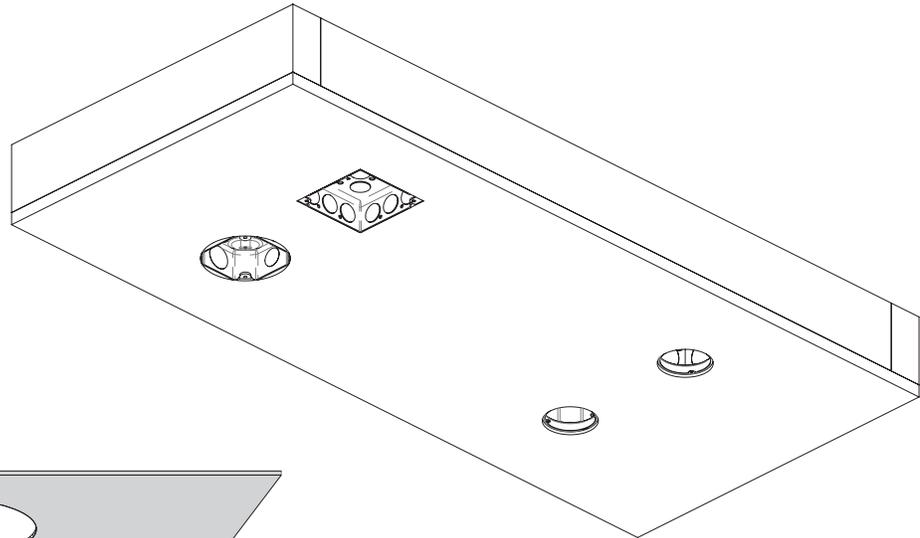
New Construction

Install Junction Box Plate before ceiling

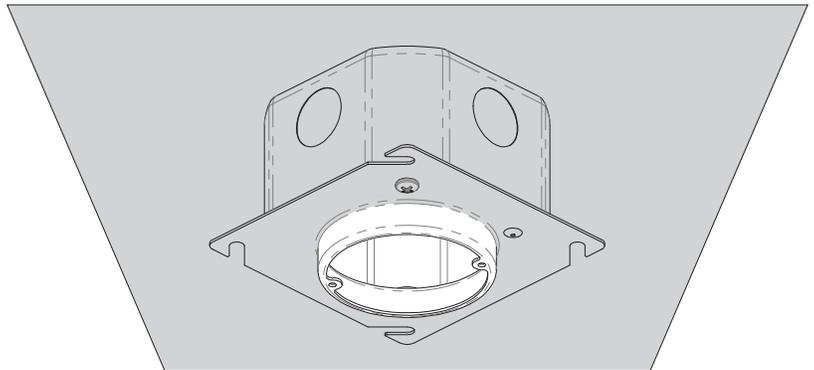


INSTALLATION

◆ STEP 2 | Cut Hole and Install Ceiling



New Construction

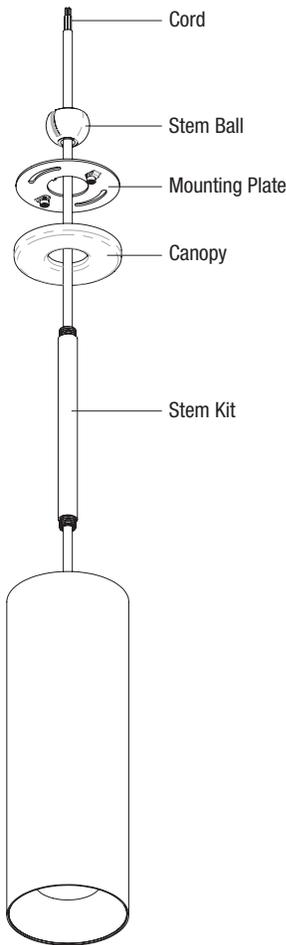


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Stem and Cord Mount (New Construction)	Ø 2½" (Ø 63.5 mm)

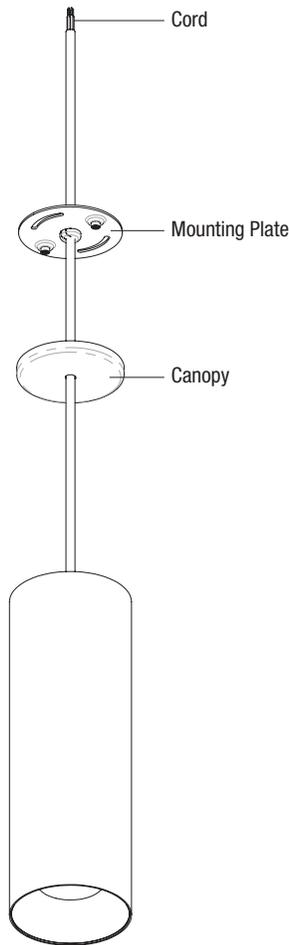
INSTALLATION

◆ STEP 3 | Assembly

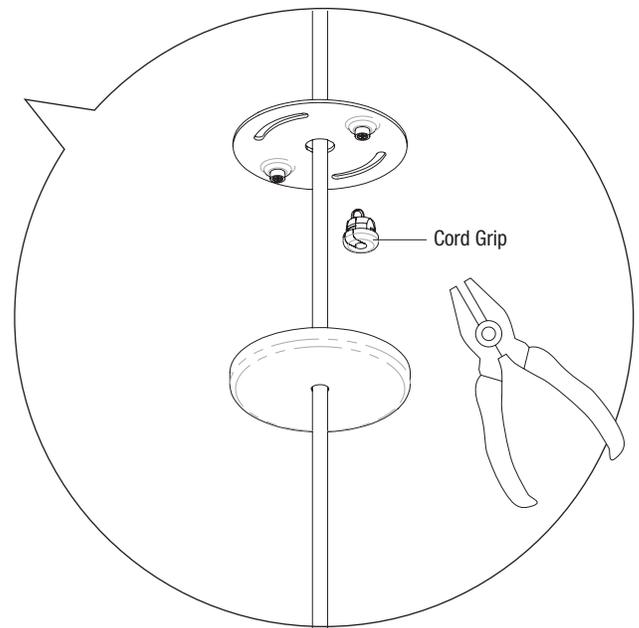
- Insert cord through mounting plate in order below.



Stem Mount



Cord Mount



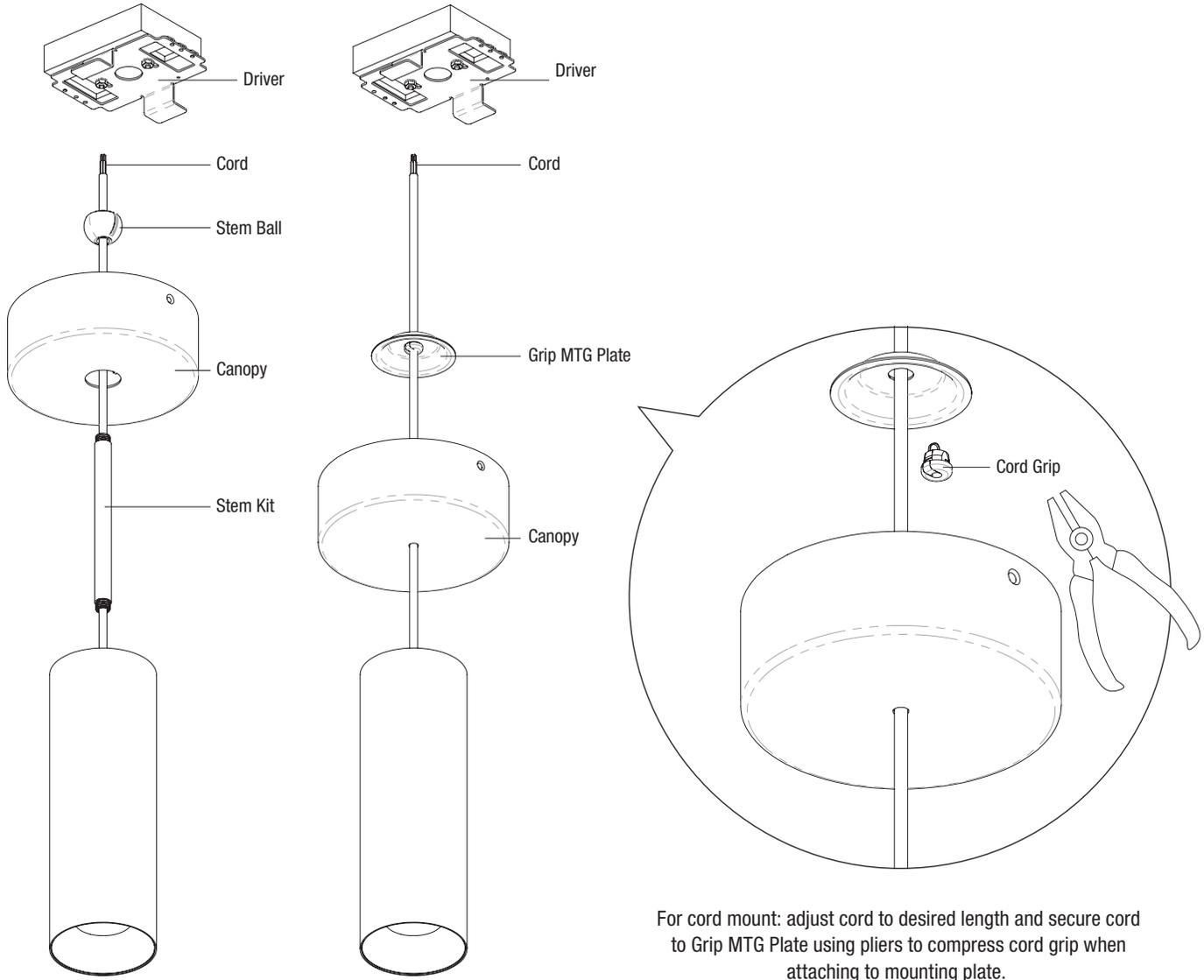
For cord mount: adjust cord to desired length and secure cord to mounting plate using pliers to compress cord grip when attaching to mounting plate.

INSTALLATION

◆ STEP 3 | Assembly

FOR ALTERNATIVE DRIVER

- Insert cord through system in order below.



For cord mount: adjust cord to desired length and secure cord to Grip MTG Plate using pliers to compress cord grip when attaching to mounting plate.

Stem Mount

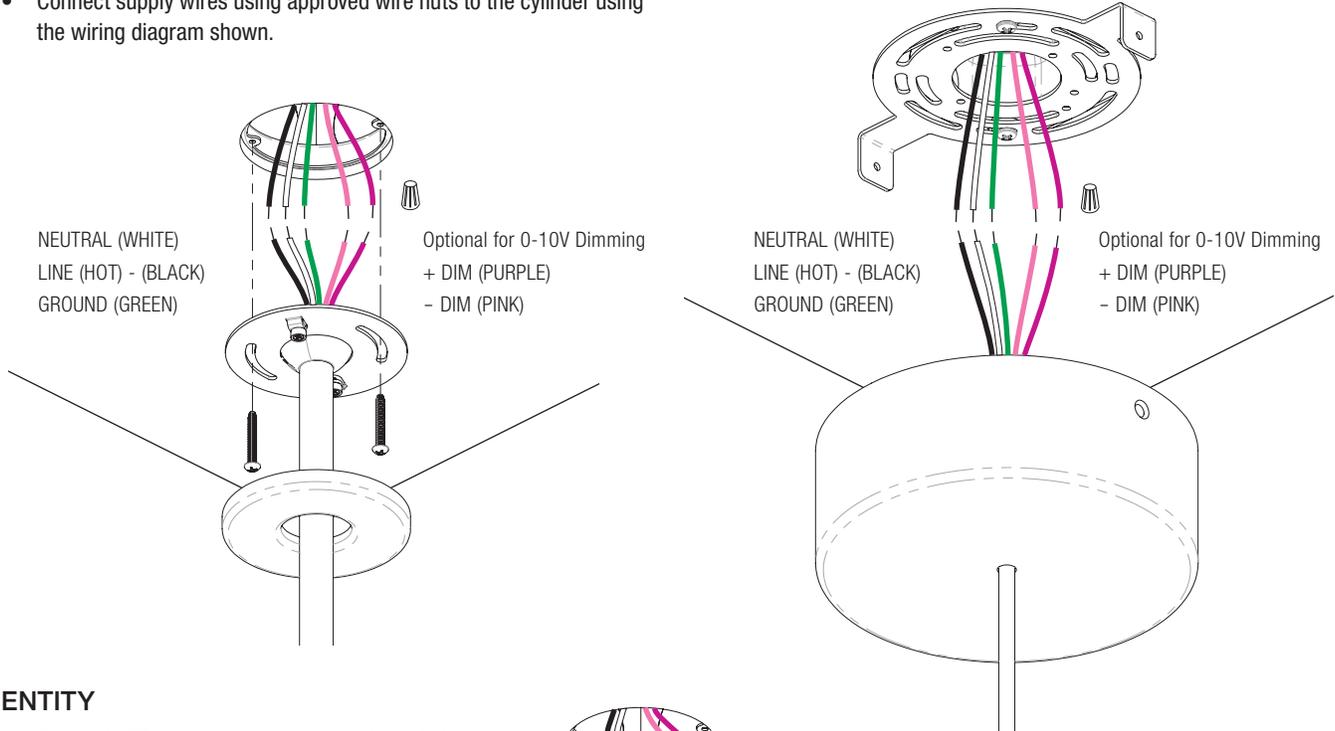
Cord Mount

INSTALLATION

◆ STEP 4 | Make Electrical Connection

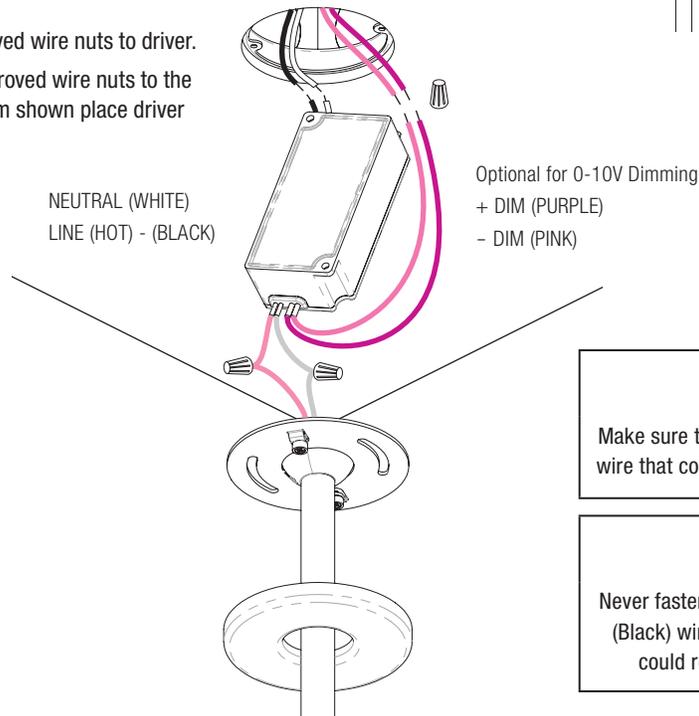
Retro Fit, New Construction & Alternative Driver

- Connect supply wires using approved wire nuts to the cylinder using the wiring diagram shown.



ENTITY

- Connect LED wires using approved wire nuts to driver.
- Connect supply wires using approved wire nuts to the cylinder using the wiring diagram shown place driver inside junction box.



**⚠ WARNING**  
Make sure that there are no exposed strands of wire that could cause a dangerous short circuit!

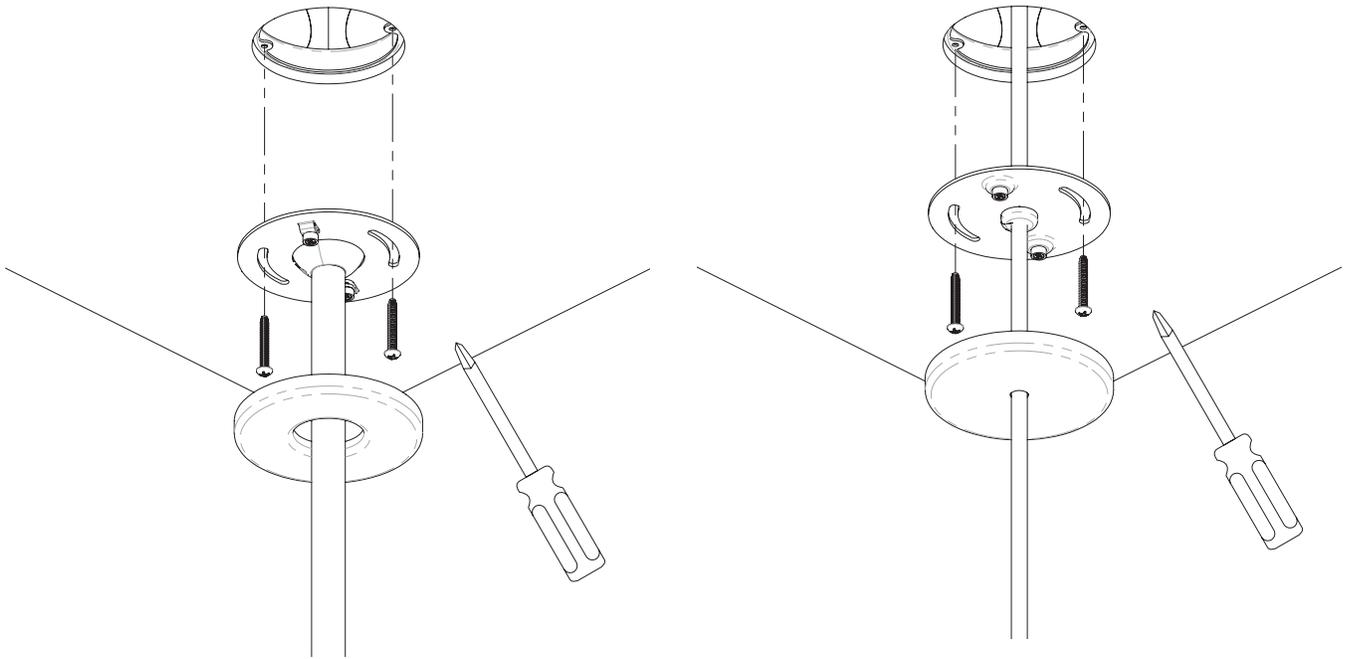
**⚠ WARNING**  
Never fasten the ground wire (Green) to the hot (Black) wire! Failure to follow this instruction could result in serious injury or death!

## INSTALLATION

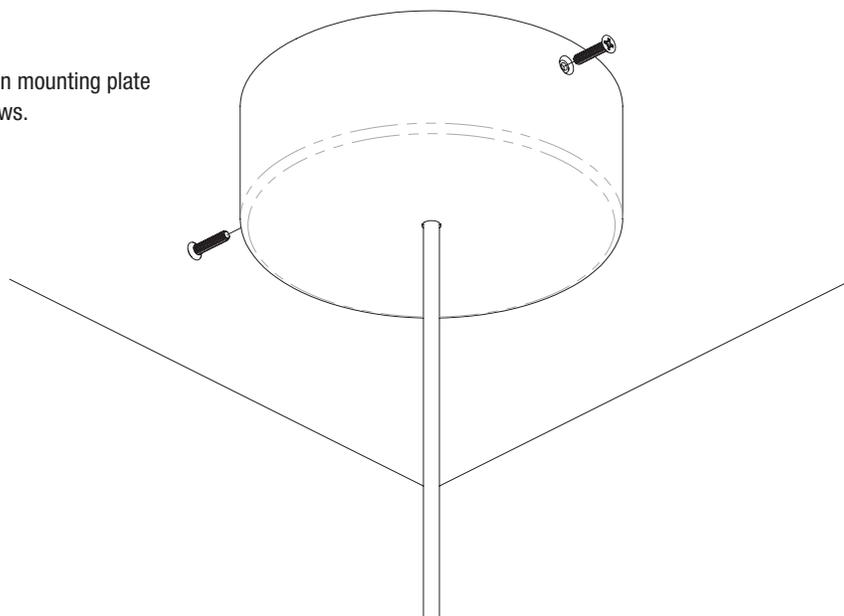
## ◆ STEP 5 | Attach Mounting Plate and Canopy

**Retro Fit & New Construction**

- Using #2 phillips screwdriver, fasten mounting plate to junction box/junction box plate.
- Attach canopy over mounting plate.

**Alternative Driver**

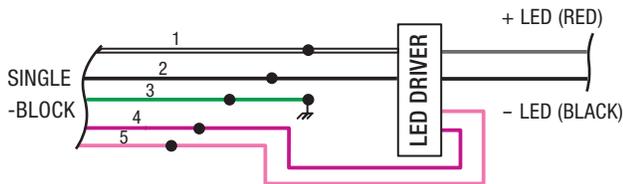
- Using #2 phillips screwdriver, fasten mounting plate to junction box using supplied screws.
- Attach canopy to mounting plate.



### INSTALLATION

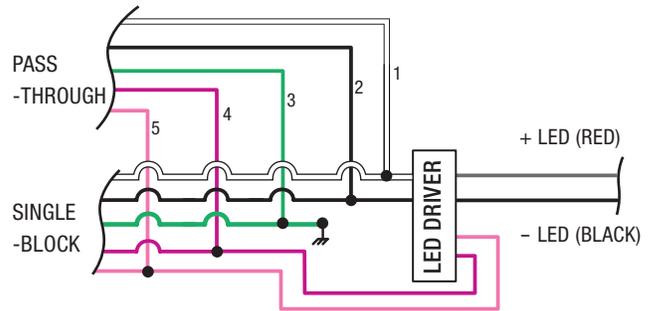
#### ◆ Wiring Diagrams

For Single-Block Connection



- 1/ NEUTRAL (WHITE)
- 2/ LINE (HOT) - (BLACK)
- 3/ GROUND (GREEN)
- 4/ + DIM (PURPLE)
- 5/ - DIM (PINK)

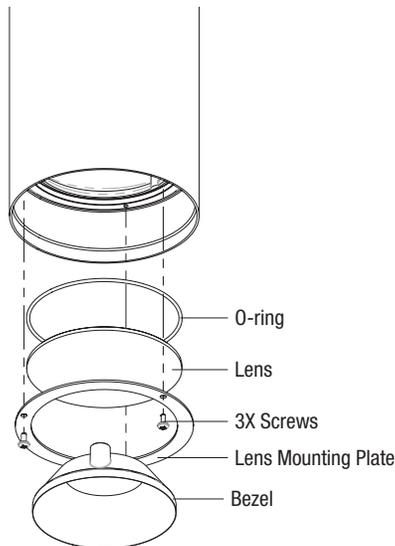
For Pass-Through Connection



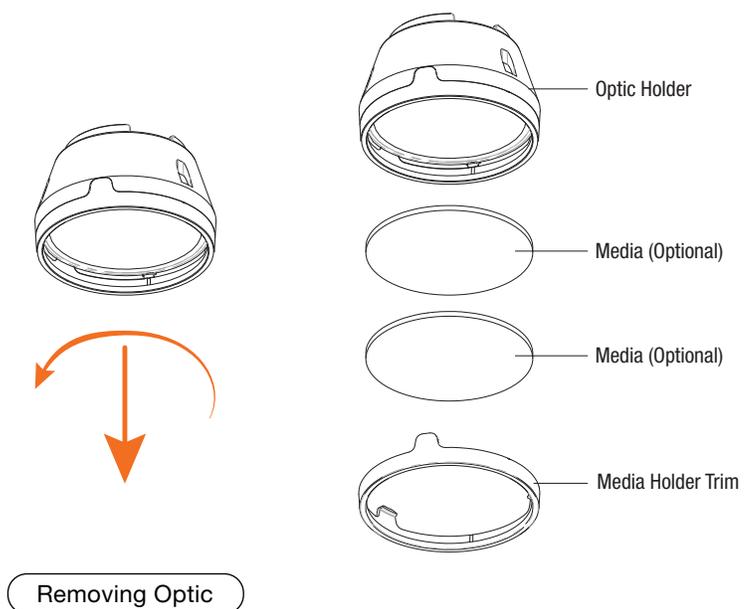
- 1/ NEUTRAL (WHITE)
- 2/ LINE (HOT) - (BLACK)
- 3/ GROUND (GREEN)
- 4/ + DIM (PURPLE)
- 5/ - DIM (PINK)

#### ◆ Removing/Installing Optics Or Media

- Remove Bezel.
- Using #1 phillips screwdriver, remove 3X screws.
- Remove lens mounting plate, lens and o-ring.
- Remove optic by rotating it counter-clockwise (For 2", use optic removal tool).
- If attaching media, remove media holder, place media(s) and reattach media holder to optic.
- If installing optic, with desired optic reverse steps 1-4 ensuring the o-ring is placed within the o-ring groove.



To Change Optic or Media



## INSTALLATION

### ◆ For Wet Location

Before attaching canopy apply RTV liberally inside of the canopy at ingress locations, place canopy to mounting plate, and cleanup any excess RTV.

