

CYLINDER & ENTITY FLUSH MOUNT - INSTALLATION INSTRUCTIONS

**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 SHUTTING 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 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.

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.

WARNING: RISK OF FIRE

- Do not separate any other wires that may be in the box.
- Do not damage the insulation of existing 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 the "Ground." In older buildings, it is always good practice to reconfirm the polarity of the wiring.

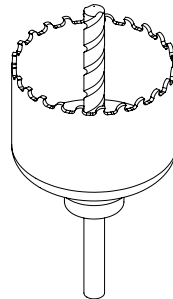
TOOLS REQUIRED



Size 1 Phillips
Screw Driver

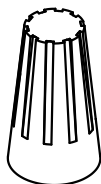


Size #2 Phillips
Screw Driver



Hole Saw
(Or Speed Router)

ACCESSORIES REQUIRED



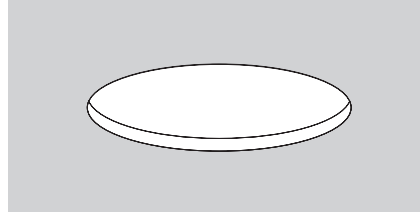
Electrical Wire Nut

CYLINDER & ENTITY FLUSH MOUNT - INSTALLATION INSTRUCTIONS

PREPARATION

Measure Before You Cut

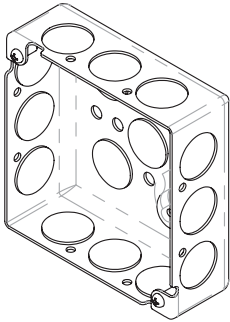
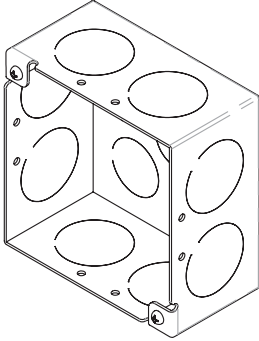
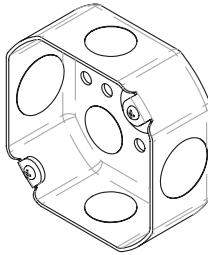
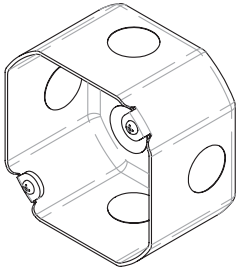
Consult the ceiling cutout table below to determine your application ceiling cutout requirements.



Model	Ceiling Cutout Size
Flush Mount	Ø4" (Ø101.6 mm)

JUNCTION BOX COMPATIBILITY

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

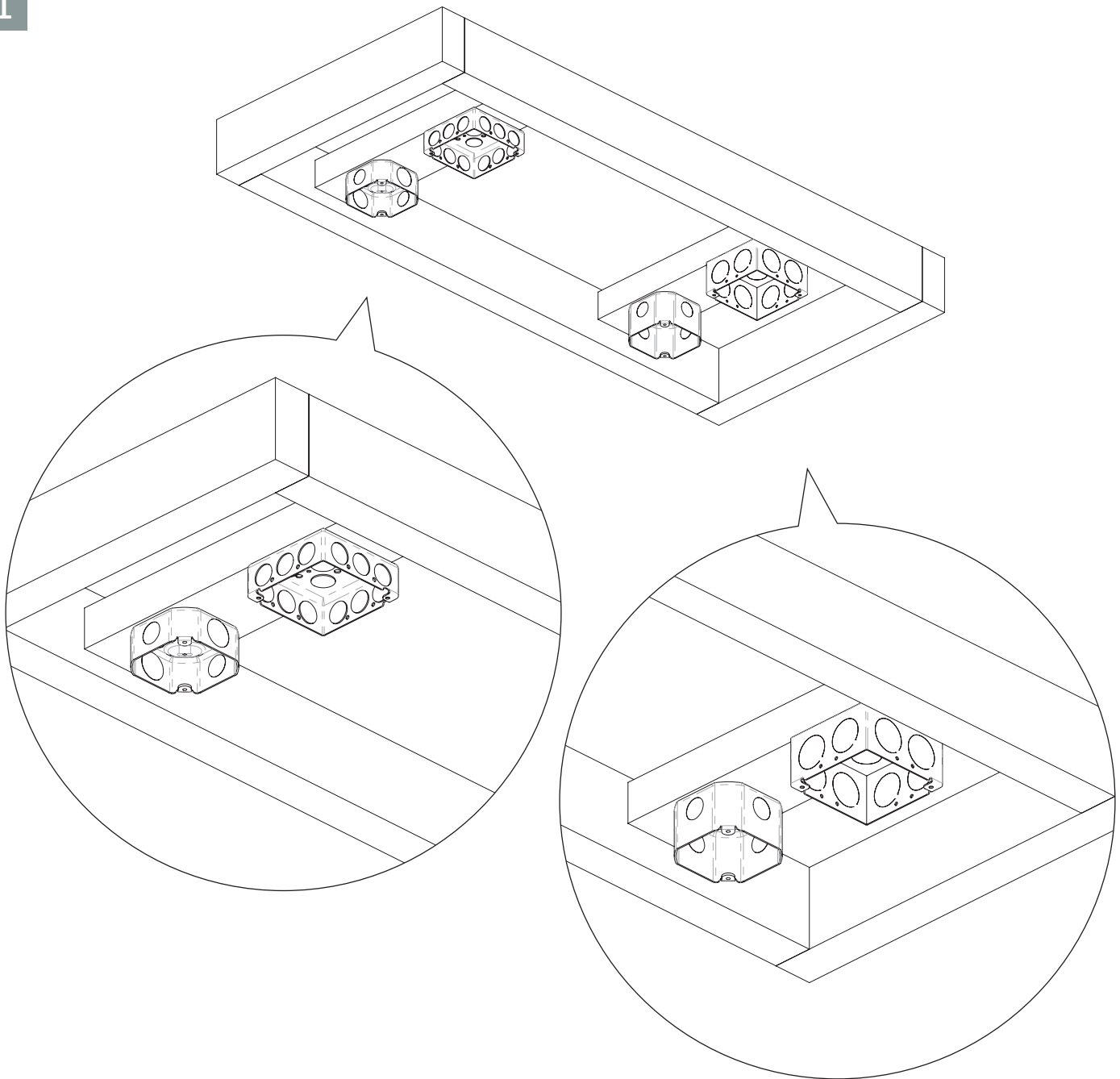
Cylinder/Canopy Type	 Square Junction Box 4" x 4" x 1½"	 Square Junction Box 4" x 4" x 2⅞"	 Octagon Junction Box Ø4" x 1½"	 Octagon Junction Box Ø4" x 2⅞"
Standard			X	X
Entity			X	X
Alternative Driver	X	X	X	X
Conduit			X	X

CYLINDER & ENTITY FLUSH MOUNT - INSTALLATION INSTRUCTIONS

INSTALLATION

STEP 1 | Mount Junction Box to Joist

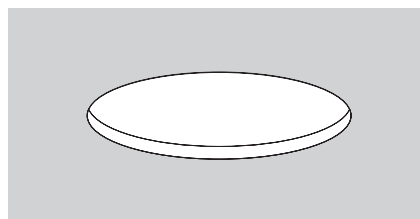
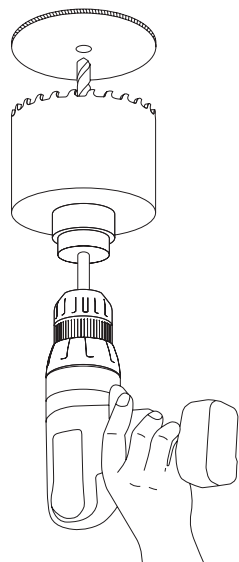
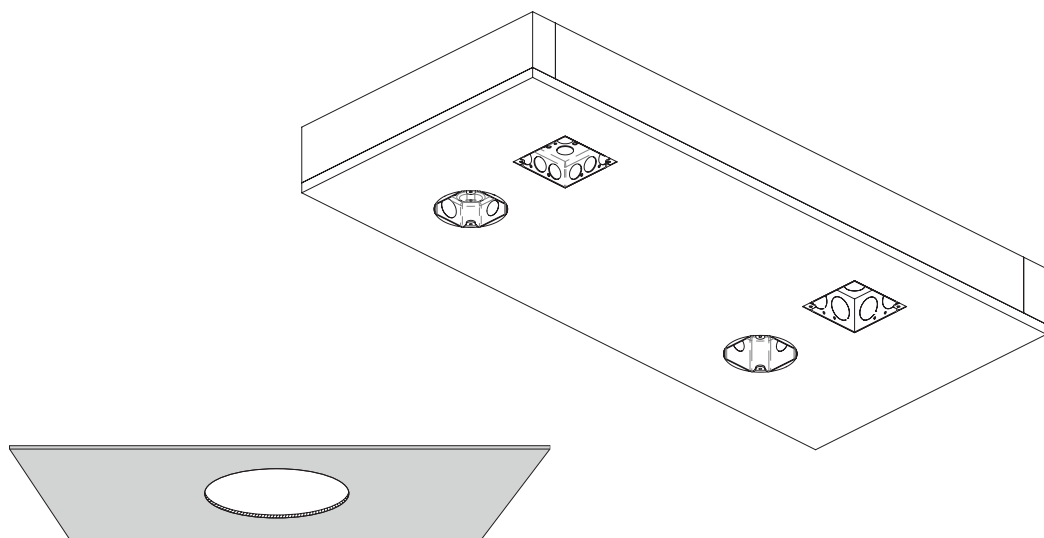
1



CYLINDER & ENTITY FLUSH MOUNT - INSTALLATION INSTRUCTIONS

STEP 2 | Cut Hole and Install Ceiling

2



Model	Ceiling Cutout Size
Flush Mount	Ø4" (Ø101.6 mm)

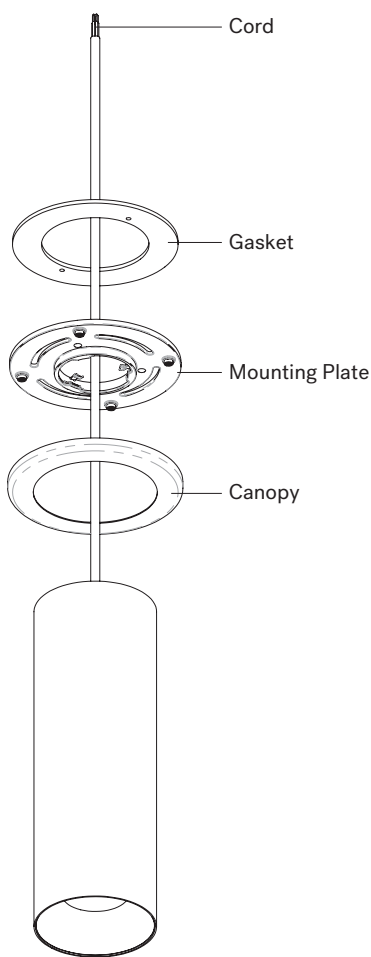
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STEP 3 | Assembly

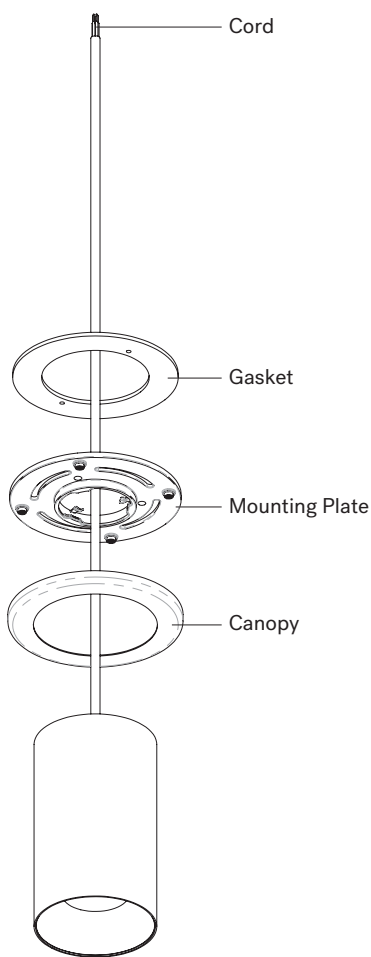
Standard, Entity & Alternative Driver

- Insert cord through mounting plate in order below.

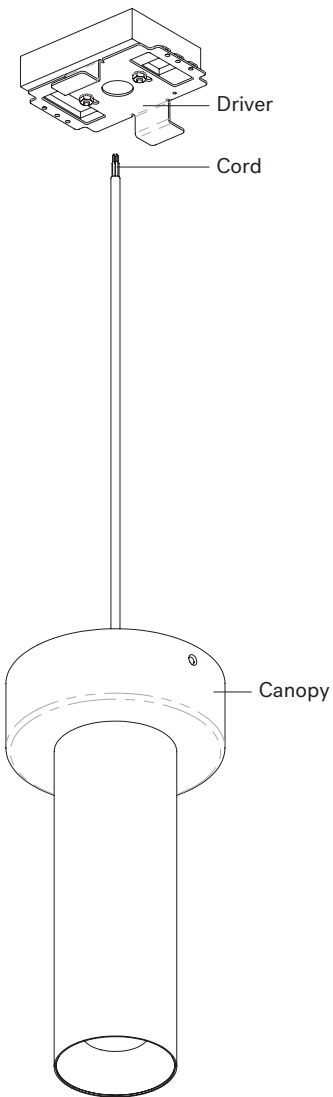
3



Standard



Entity



Alternative Driver

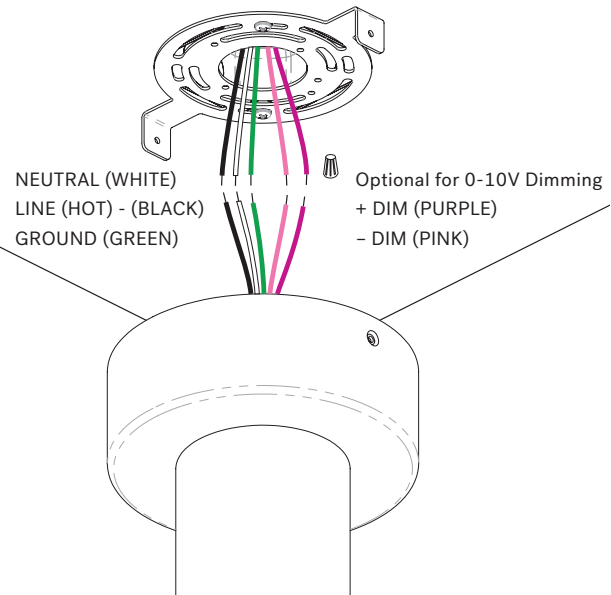
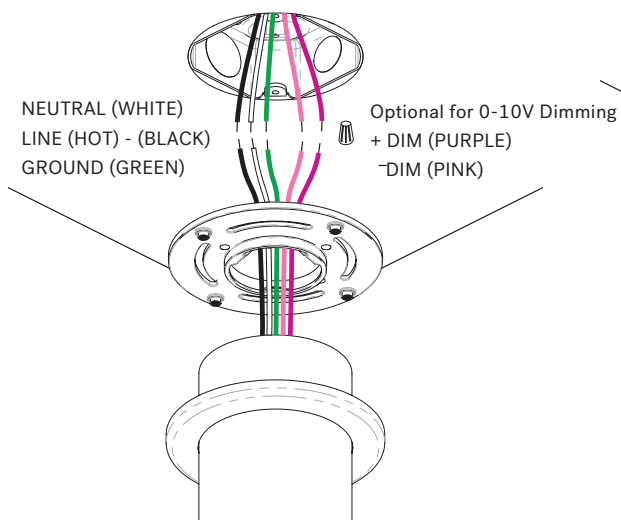
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STEP 4 | Make Electrical Connection

4

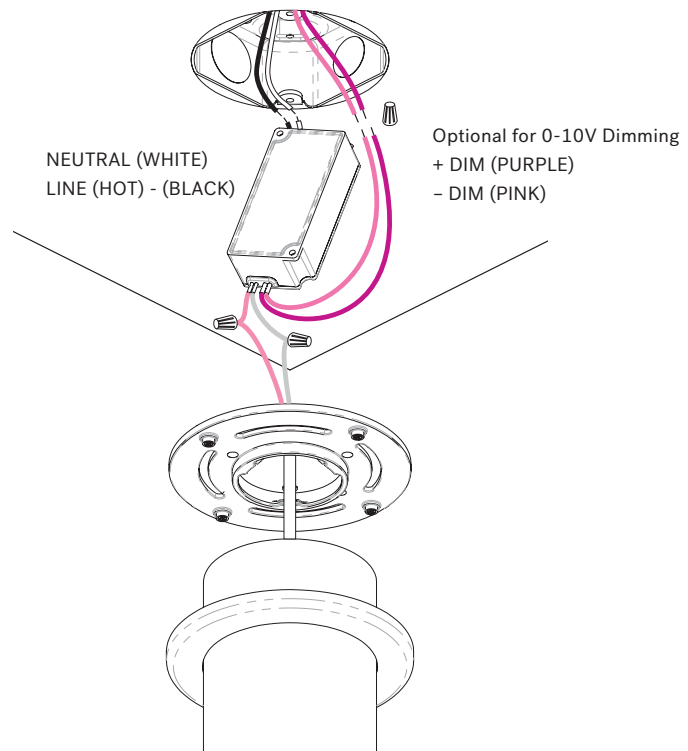
Standard & Alternative Driver

- 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!

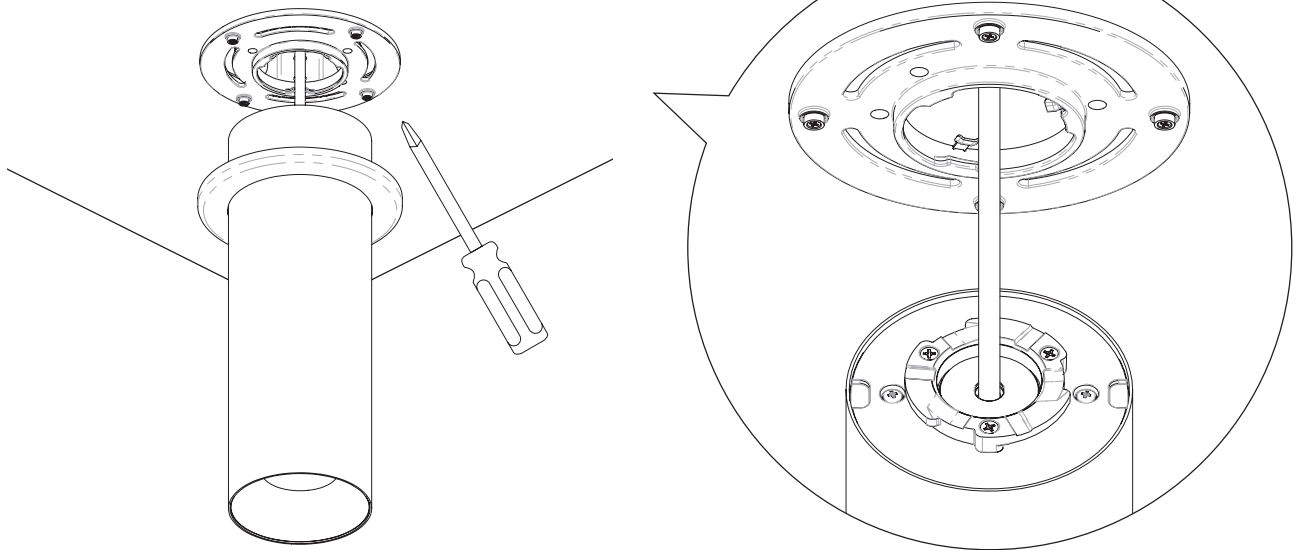
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STEP 5 | Attach Mounting Plate and Canopy

5

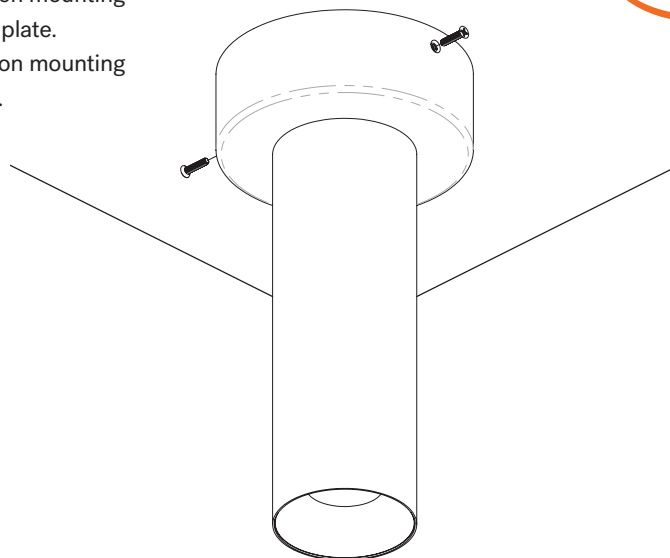
Standard & Entity

- Using #2 phillips screwdriver fasten mounting plate to junction box/junction box plate.
- Align cylinder bayonet to notches on mounting plate, push up & clockwise to lock.



Alternative Driver

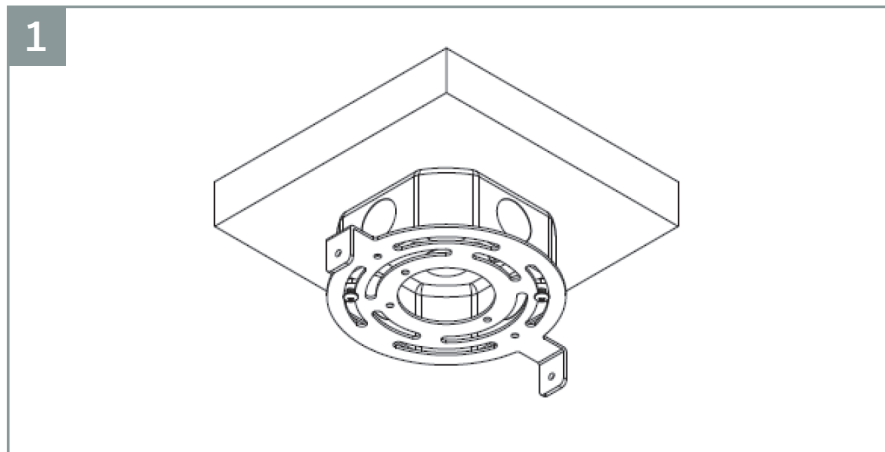
- Using #2 phillips screwdriver, fasten mounting plate to junction box/junction box plate.
- Align cylinder bayonet to notches on mounting plate, push up & clockwise to lock.



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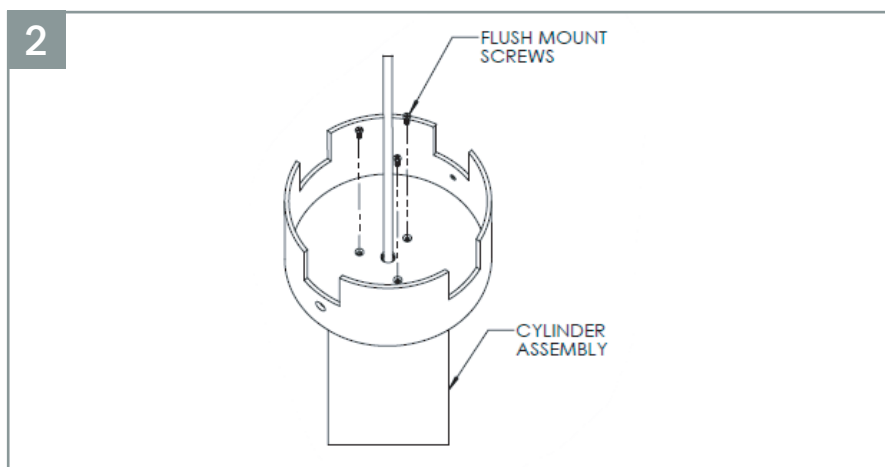
CONDUIT CANOPY FLUSH INSTALLATION

STEP 1 – Mount Junction Box to Structure such as Ceiling and/or Solid Conduit, as allowed by local building codes. Then install Mounting Plate to J-Box.

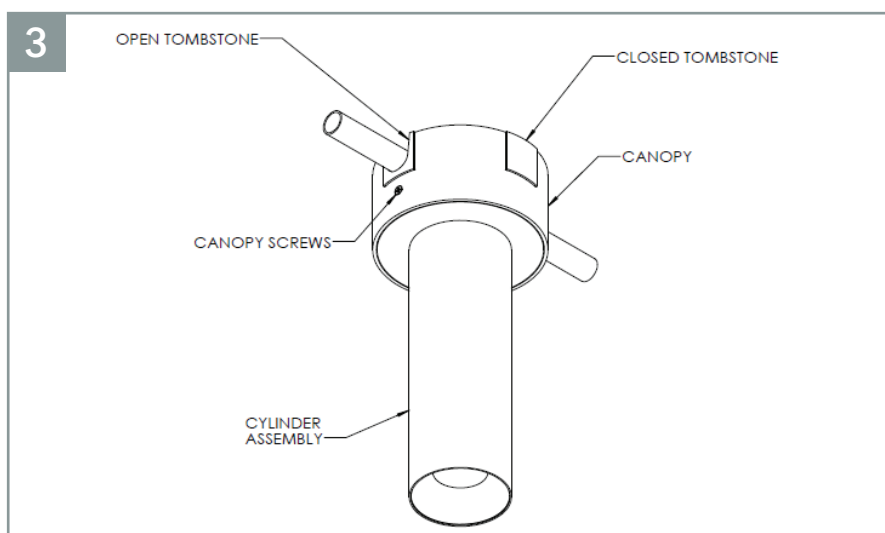


STEP 2 – Complete Flush Mount Assembly by attaching 3x Flush Mount screws to the Cylinder Assembly. Then using page 9, connect all Supply wire.

Note: When mounting Entity, the Driver is to be placed within the Canopy.

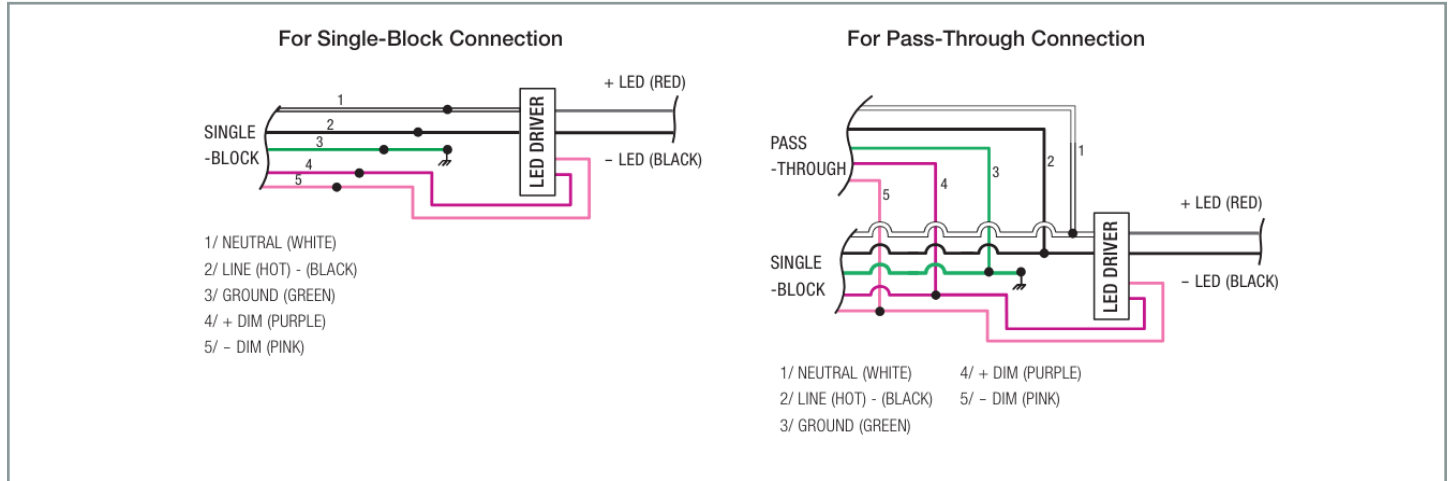


STEP 3 – Mount closed/open Tombstones as needed. Using Canopy Screws secure Canopy to the Mounting Plate.



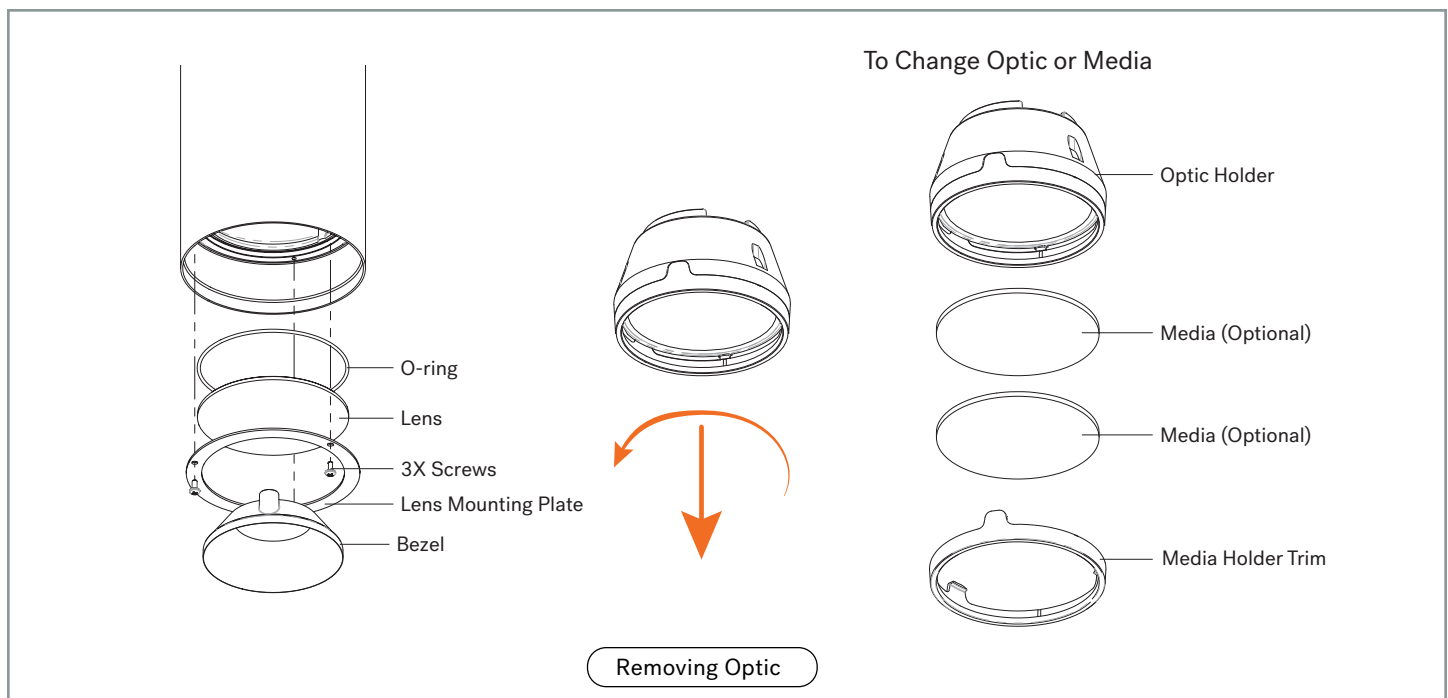
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WIRING DIAGRAMS



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.



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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.

