**PURE EDGE**
LIGHTING

Installation Instructions for **Pipeline 1 MIYO Hexagon LED Suspension with Power Lit Corners - Center Feed**
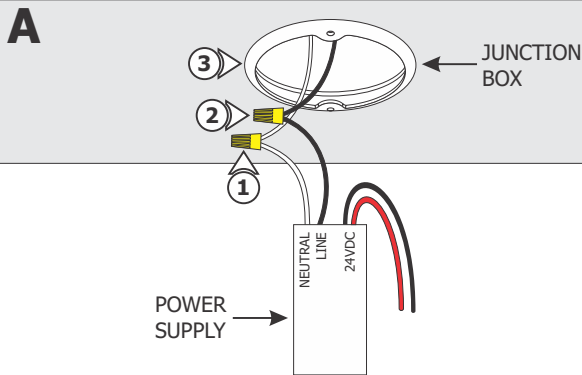
P1SD_P-HX-C_-_

IMPORTANT INFORMATION
- This product is suitable for indoor locations.
- This instruction shows a typical installation.
- The luminaire either comes with a 4" flush canopy for fixtures up to 50W or with an 8" round surface mount canopy for greater than 50W.

SAVE THESE INSTRUCTIONS!
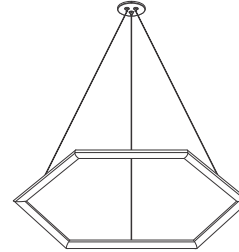
Section One: 4" Flush Canopy

A


JUNCTION BOX

NEUTRAL LINE
24VDC
POWER SUPPLY

**NOTE:** Before beginning any electrical work, ensure that power to the junction box is turned off.

NOTE: Omit this section if using the 8" Surface Mount Canopy. Refer to Section Two.

1: Connect the 120V white wire of the power supply to the 120VAC neutral wire with a wire nut.

2: Connect the 120V black wire of the power supply to the 120VAC line wire with a wire nut.

**3:** Place the power supply and wires inside the junction box.

4: Feed the low voltage wires from the power supply through the center hole of the mounting ring.

5: Mount the ring to the junction box holes with two #8-32 screws.

6: Make sure that the mounting ring is grounded in accordance with local electrical codes.

B

JUNCTION BOX

MOUNTING RING

#8-32 SCREW
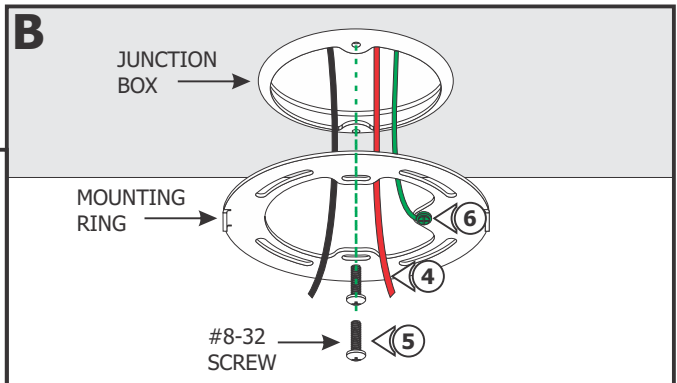
Section Two: 8" Surface Mount Canopy

C

MOUNTING PLATE

SCREW

POWER SUPPLY
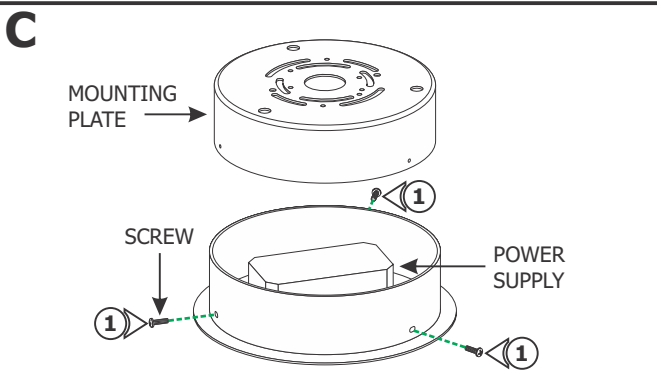
1: Remove the three Phillips screws from the canopy to remove the mounting plate.
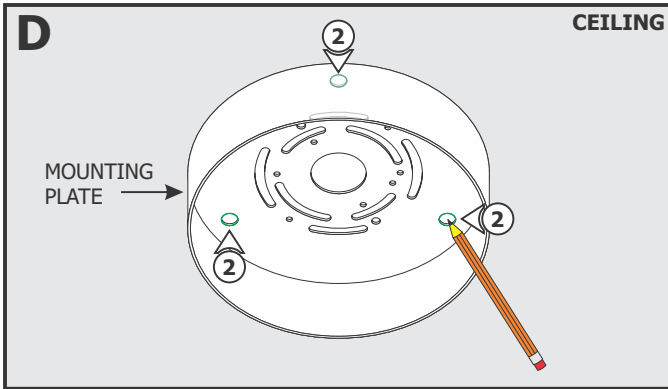
D   CEILING

MOUNTING PLATE

2: Using the mounting plate as a template, mark three mounting holes onto the ceiling.
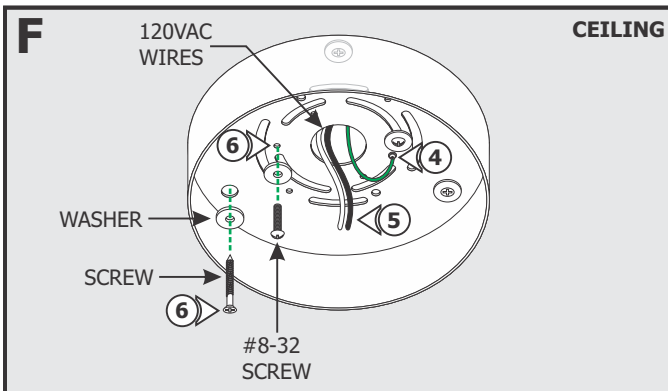
E   CEILING

JUNCTION BOX

ANCHOR

3: Tap the anchors onto the marked points up to the threaded portion with a hammer. Then screw in the threaded portion with a Phillips screw driver.

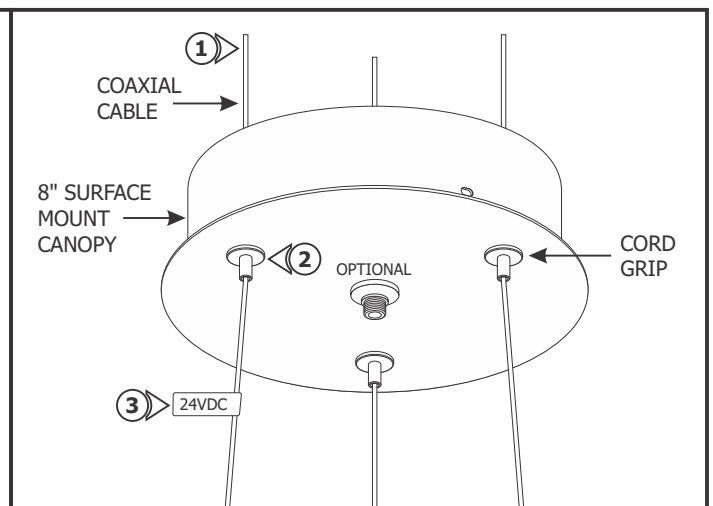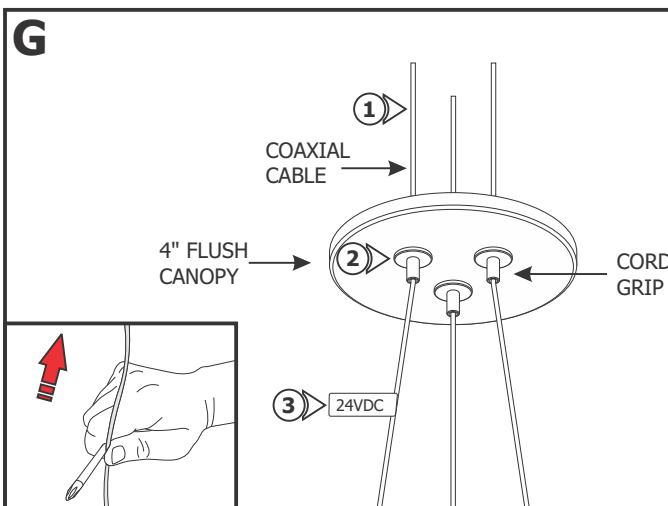**F**   CEILING

120VAC WIRES

WASHER

SCREW

#8-32 SCREW
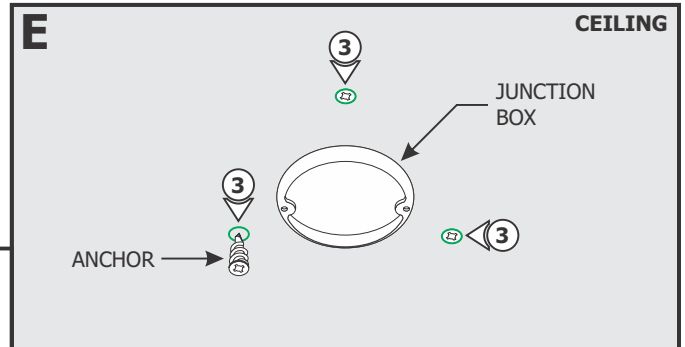
4: Make sure the mounting plate is grounded in accordance with local electrical codes.

5: Feed the 120VAC power wires through the center hole of the mounting plate.

6: Secure the mounting plate to the junction box and anchors using the provided screws and washers.

Section Three: Install the Fixture

G

COAXIAL CABLE

4" FLUSH CANOPY

CORD GRIP

24VDC

COAXIAL CABLE

8" SURFACE MOUNT CANOPY

CORD GRIP

OPTIONAL

24VDC

1: Push each cable through the cord grips on the canopy.

2: Adjust the fixture height by pushing the cord grip to slide the fixture up and down. Release the cord grip to lock the cable in place.

3: Identify the power cable which is marked with 24VDC label. The other cables are for support only.

NOTE: If wire is curled or kinked, straighten by holding between the shaft of a screwdriver and thumb and pulling the wire through (see inset).
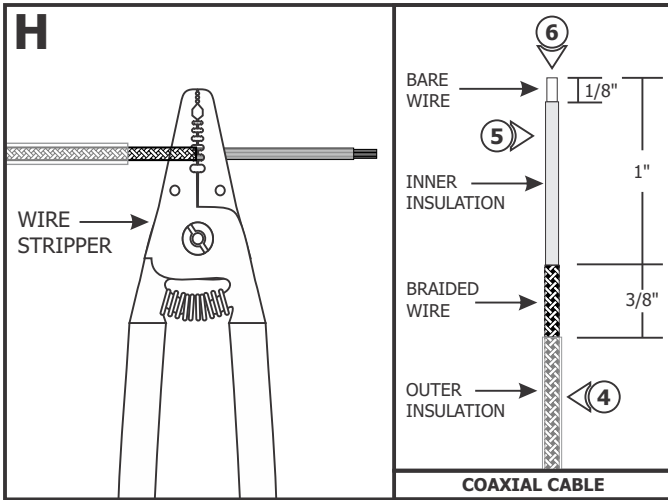
H

WIRE
STRIPPER →

⑥

BARE
WIRE → 1/8"

⑤

INNER
INSULATION →

1"

BRAIDED
WIRE →

3/8"

OUTER
INSULATION → ④

COAXIAL CABLE

4: Use the 18AWG hole of the wire stripper to remove 1-3/8" of the outer insulation to expose the braided wire of the powered cable.

5: Use the 18AWG hole of the wire stripper to remove 1" of the braided wire making sure not to nick the inner wire insulation of the powered cable.

6: Use the 20AWG hole of the wire stripper to remove 1/8" of the inner insulated wire of the powered cable.

I

COAXIAL
CONNECTOR
COVER

⑦

COAXIAL
CONNECTOR
COVER

CONNECTOR
ASSEMBLY
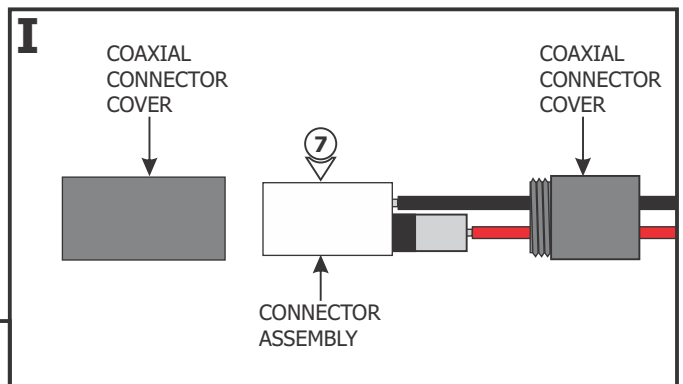
7: Unscrew the coaxial connector covers and remove from the connector assembly.

J

2MM ALLEN
WRENCH

1.5MM ALLEN WRENCH

⑨

M3 SET
SCREW

M4 SET
SCREW

⑧
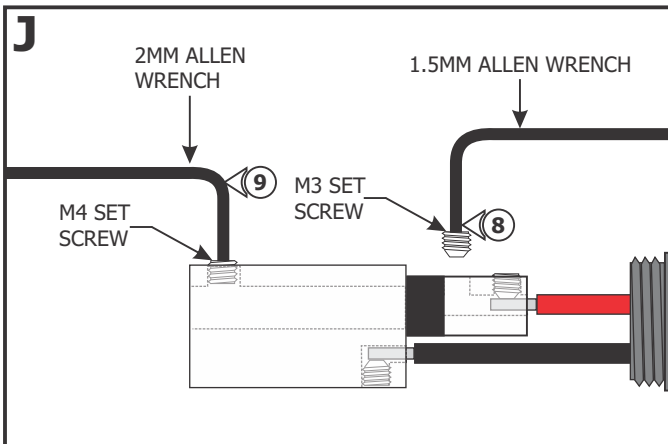
8: Using the provided 1.5mm Allen wrench, remove the M3 set screw from the coaxial connector assembly.

9: Using the provided 2mm Allen wrench to loosen (do not remove) the M4 set screw.

K

COAXIAL
CONNECTOR
COVER

⑩

BRAIDED
WIRE

⑪

FERRULE

10: Slide the connector cover over the coaxial cable.

11: Place the ferrule over the 3/8" braided wire of the coaxial cable.

L

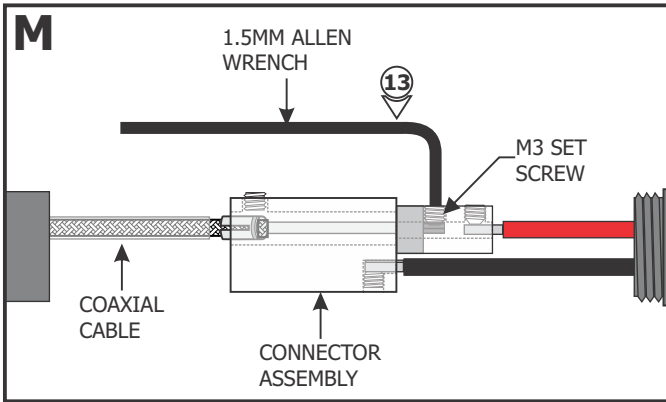COAXIAL CABLE

CONNECTOR ASSEMBLY

COAXIAL CABLE

CONNECTOR ASSEMBLY
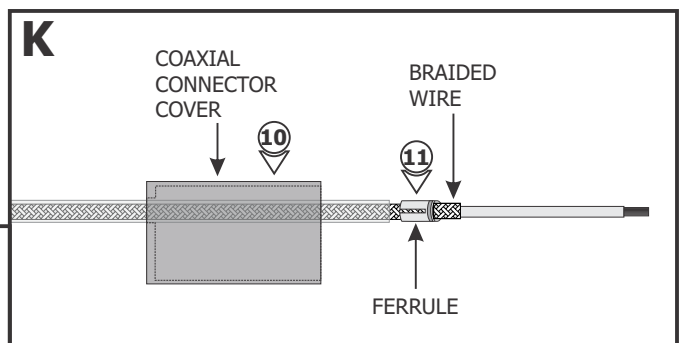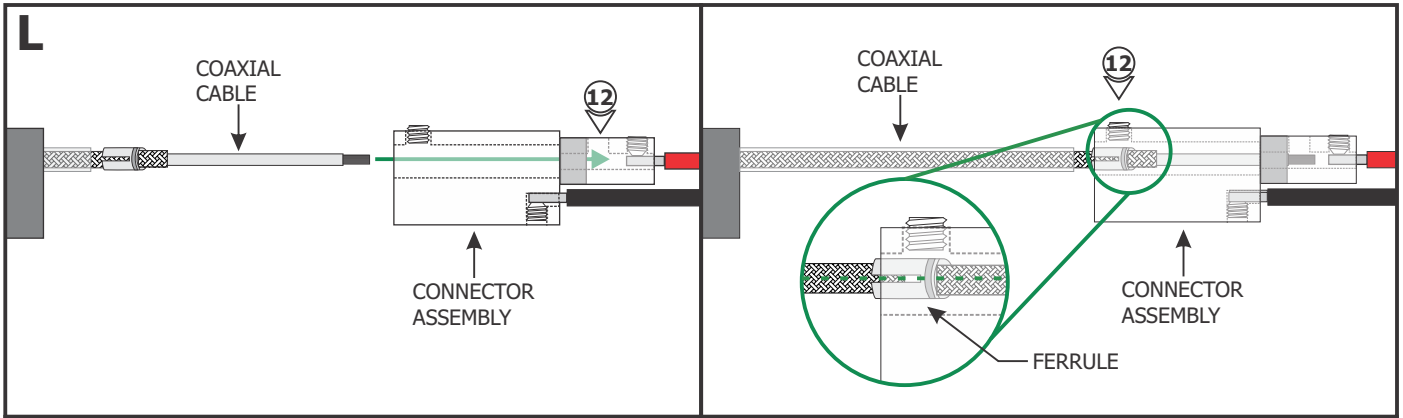
FERRULE

12: Insert the coaxial cable into the coaxial connector until the wires of the center conductor are visible through the M3 set screw hole.

NOTE: Ensure that the split in the ferrule is aligned 90° from the M4 set screw (see inset).

M

1.5MM ALLEN WRENCH

M3 SET SCREW

COAXIAL CABLE

CONNECTOR ASSEMBLY

13: Use the provided 1.5mm Allen wrench to replace and securely tighten the M3 set screw.

N

2MM ALLEN WRENCH

M4 SET SCREW

COAXIAL CABLE

CONNECTOR ASSEMBLY
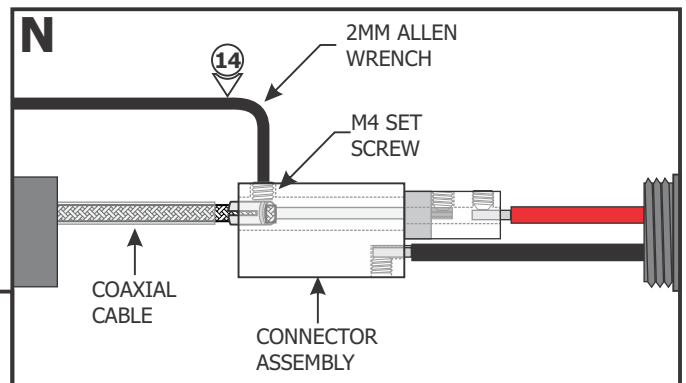
14: Use the provided 2mm Allen wrench to securely tighten the M4 set screw until it squeezes the wire ferrule tightly to the coaxial cable.

O

COAXIAL CONNECTOR COVER

COAXIAL CABLE
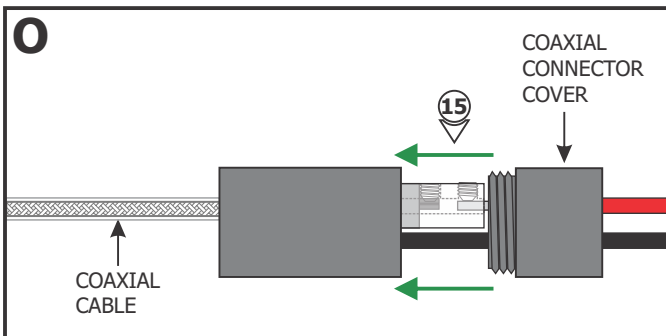
15: Replace the coaxial connector cover and tighten into place.

P

RED   24VDC+

BLACK   24VDC-

POWER SUPPLY

COAXIAL CONNECTOR

16: Connect the red coaxial connector wire to the +24VDC power supply wire with a wire nut.

17: Connect the black wire coaxial connector wire to the -24VDC power supply wire with a wire nut.

Q

24VDC+ — POWER SUPPLY — 120V BLACK — LINE (19)

24VDC- — 120V WHITE — NEUTRAL (18)
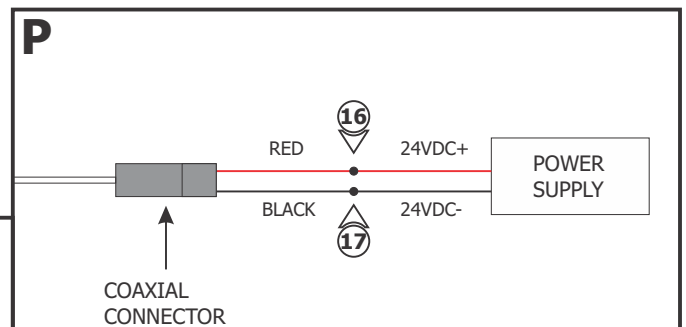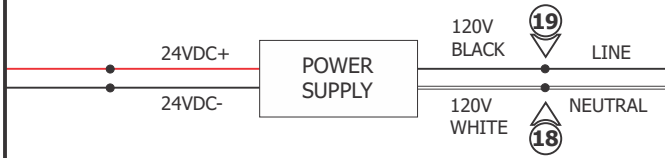
18: Connect the 120VAC neutral wire to the 120V white wire of the power supply using a wire nut.
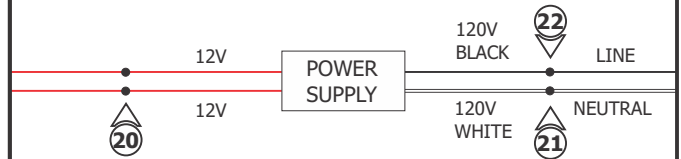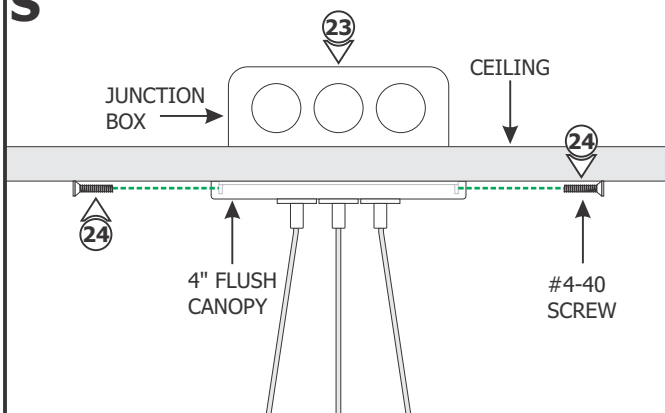
19: Connect the 120VAC line to the 120V black wire of the power supply using a wire nut.

For Models Configured with Fast Jack Port:

20: Connect each low voltage red wire from the power supply to each red wire of the Fast Jack connector using a wire nut.

21: Connect the neutral power wire from another 120VAC circuit to the 120V white wire of the power supply with a wire nut.

22: Connect the line wire from the same 120VAC circuit to the 120V black wire of the same power supply with a wire nut.

R

12V — POWER SUPPLY — 120V BLACK — LINE (22)

12V (20) — 120V WHITE — NEUTRAL (21)

S

(23)

JUNCTION BOX

CEILING

(24)

(24)

4" FLUSH CANOPY

#4-40 SCREW

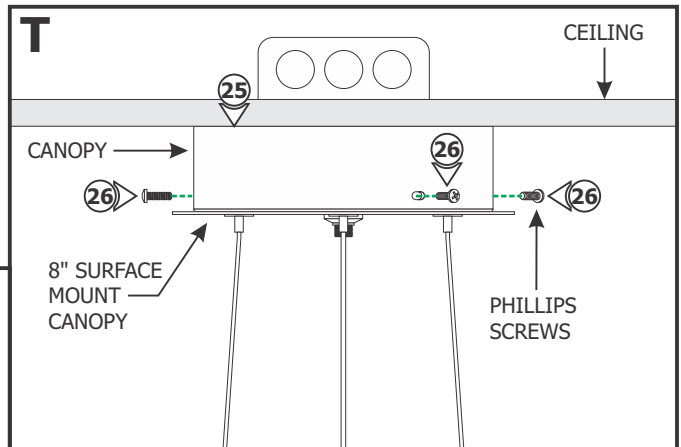**For 4" Flush Canopy:**

23: Place all wires and wire nut connections inside the junction box.

24: Align the canopy with the mounting ring and secure it with the two #4-40 screws using a 1/16" Allen wrench.

T

CEILING

(25)

CANOPY

(26)

(26)

8" SURFACE MOUNT CANOPY

PHILLIPS SCREWS

For 8" Surface Mount Canopy:

25: Place all wires and wire nut connections inside the canopy.

26: Align and secure the canopy to the mounting plate by tightening the three Phillips screws.

Wiring Diagram

WHITE (NEUTRAL)

INPUT 120VAC

BLACK (LOAD)

GND

LINE

ELV DIMMER

4" FLUSH CANOPY

WHITE (NEUTRAL)

INPUT 120VAC

BLACK (LOAD)

GND

LINE

ELV DIMMER

WHITE (NEUTRAL)

INPUT 120VAC

BLACK (LOAD)

GND

LINE

OPTIONAL FAST JACK ELV DIMMER

8" SURFACE MOUNT CANOPY