

INSTALLATION INSTRUCTIONS LEVO PENDANT WITH P1FX HANGING SYSTEM

These instructions cover the LEVO luminaire with the following options:

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE DIAGRAM
1. LE1 - LEVO	P1FX: PENDANT WITH FLAT CANOPY, SINGLE POWER CORD; MOUNTS TO OCL RECESSED J-BOX (PROVIDED BY OCL)	10"	STATIC WHITE	DM1: 0-10V DIM 1% DM3: LUTRON HI-LUME ECOSYSTEM 1% (LDE1)	WIRE DIAGRAM ON PAGE 9

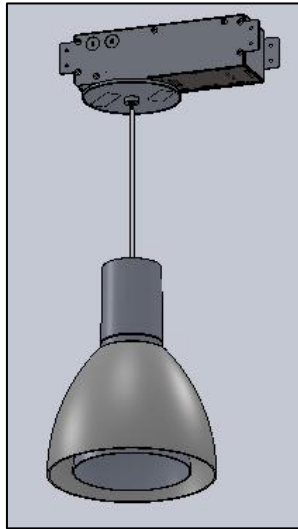


FIG. 1- LE1-P1FX-10-XX-XXX-LEDX_XXK-UNV-XX-DM~

GENERAL NOTES:

1. PLEASE COMPLETELY READ THE INSTALL INSTRUCTIONS BEFORE STARTING INSTALLATION.
2. TURN OFF POWER TO CIRCUIT FIXTURE WHILE IT IS BEING INSTALLED.
3. INSTALL IN ACCORDANCE WITH ALL LOCAL, STATE AND NATIONAL CODES CONSULT WITH A QUALIFIED ELECTRICIAN FOR PROPER INSTALLATION.
4. CAREFULLY UNPACK ALL CONTENTS; SOME COMPONENTS MAY HAVE BEEN SHIPPED IN SEPARATE BOXES MOST FIXTURES ARE SHIPPED PARTIALLY ASSEMBLED. SOME UNASSEMBLY MAY BE REQUIRED FOR INSTALLATION.
5. FIXTURE POWER CORD WIRES ARE LOW- VOLTAGE. DO NOT CONNECT TO LINE VOLTAGE OR DAMAGE TO THE FIXTURE WILL OCCUR AND WARRANTY WILL BE VOIDED.
6. DO NOT LET THE LEVO LUMINAIRE HANG FREE UNTIL THE CABLE IS SECURED AND EVENLY TENSIONED.
7. DUE TO A CHANGE IN NEC SECTION 410.69 EFFECTIVE IN 2022, THE COLOR PINK WILL BE USED IN PLACE OF GRAY FOR 0-10V CONTROL. NOTE THAT EXISTING SYSTEMS AND FIXTURES MANUFACTURED PRIOR TO 2022 MAY STILL USE GRAY WIRE AS AN UNGROUNDED CONDUCTOR FOR 0-10V CONTROL. CARE SHOULD BE TAKEN WHEN WORKING ON EXISTING SYSTEMS.

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GENERAL INFORMATION:

You will receive the following with each LEVO series pendant fixture:

1. LEVO LUMINAIRE with CORD attached. (Pre-assembled as shown in FIG. 2)
2. INSTALLATION INSTRUCTIONS (shown in FIG. 3) - Please completely read the install instructions before starting installation.
3. RED BAG (shown in FIG. 3) contains below following items
 - a. CANOPY SUBASSEMBLY (as shown in FIG. 4)
 - b. STRAIN RELIEF (as shown in FIG. 5)

WARNING: Examine all components for any damage before beginning installation.

WARNING: This fixture should be installed by a licensed electrician only.

WARNING: Be careful not to scratch or damage any finished parts.

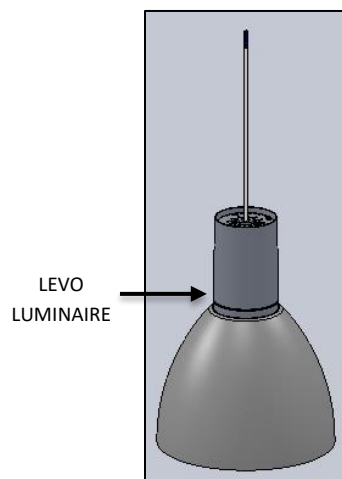


FIG. 2 - LEVO LUMINAIRE
(PRE-ASSEMBLED)

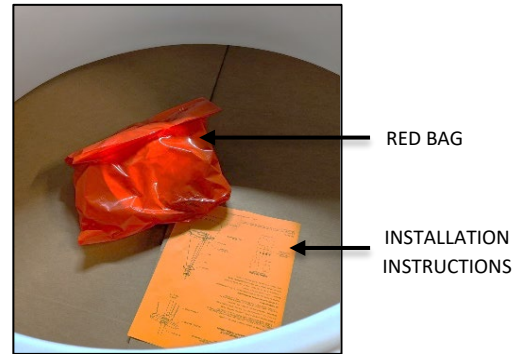


FIG. 3 - RED BAG AND INSTALLATION
INSTRUCTIONS

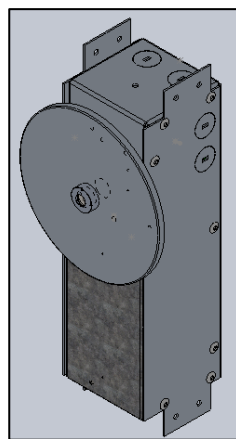


FIG. 4 - CANOPY SUBASSEMBLY

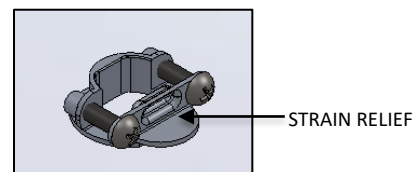


FIG. 5 - STRAIN RELIEF

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LEVO MOUNTING:

1. Unscrew CANOPY FINIAL and remove the CANOPY PLATE out of J-BOX as shown in FIG 6.
2. Remove the Screws securing MOUNTING BRACKET ASSEMBLY, and slide MOUNTING BRACKET ASSEMBLY out of J-BOX as shown in FIG. 7.

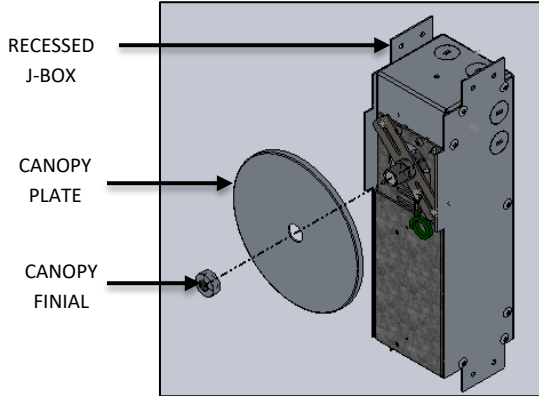


FIG. 6 - FINIAL AND CANOPY DISASSEMBLY

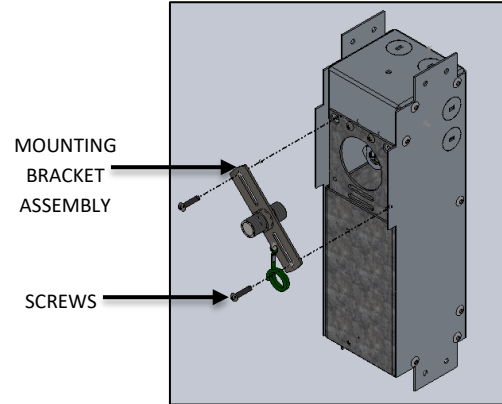


FIG. 7 - MOUNTING BRACKET DISASSEMBLY

NOTE:

For **LEVO MOUNTING [HARD CEILING]** see steps from 3 to 11,
For **LEVO MOUNTING [GRID CEILING]** see steps from 12 to 19.

LEVO MOUNTING [HARD CEILING]:

3. Remove the Screws securing DRIVER PLATE, and slide DRIVER PLATE out of J-BOX as shown in FIG. 8.
4. Attach RECESSED JUNCTION BOX to WALL STUD or CEILING JOIST at desired height and location before drywall is installed as shown below in FIG.9. Use appropriate anchor screws to secure to stud.
(Make sure the front of J-BOX is flush with the surface of the STUD and the large end of the BOX should face downward when mounted in the wall).
5. Remove the appropriate knock out for desired wire entrance location as shown in FIG. 10.

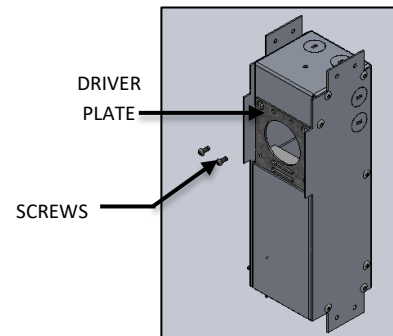


FIG. 8- DRIVER PLATE DISASSEMBLE

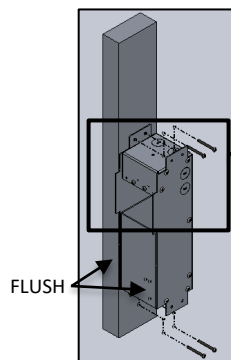


FIG. 9- J-BOX ASSEMBLY TO WALL

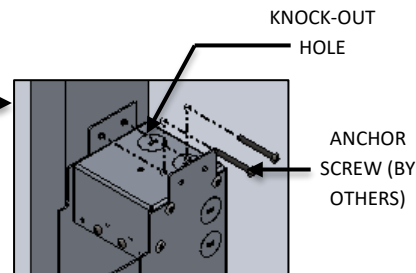


FIG. 10- DETAIL SHOWING KNOCK-OUT HOLE AND SCREWS

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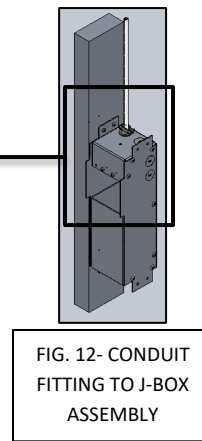
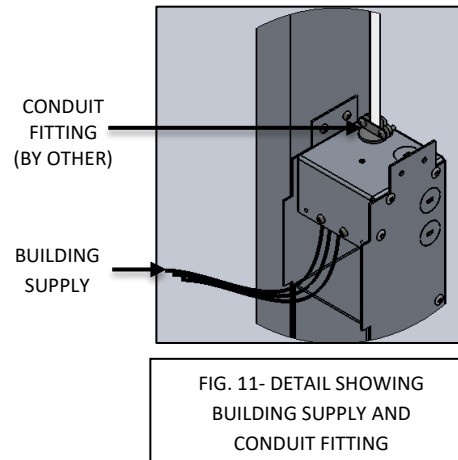
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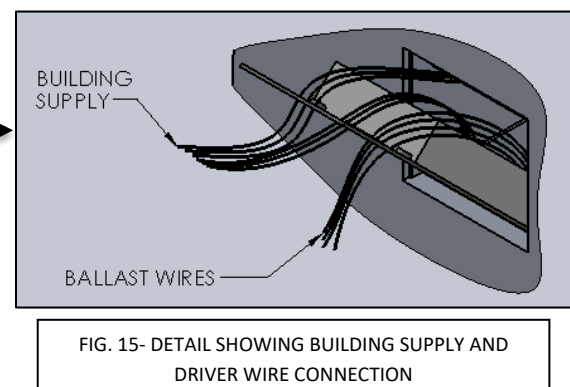
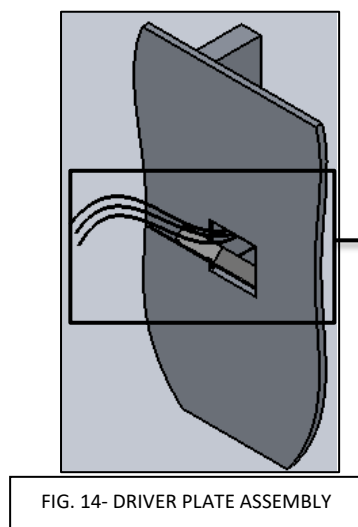
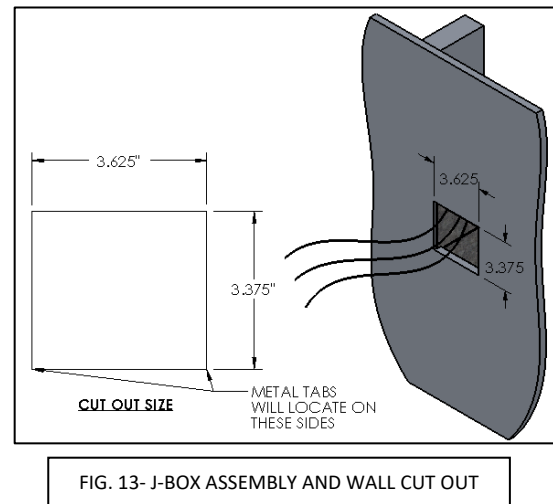
6. Attach appropriate 1/2" CONDUIT FITTING to knockouts and run building supply connections into the box. make sure to pull the wires out through the square opening as shown below in FIG. 11 & 12.



7. Cut a SQUARE HOLE no larger than 3.375" x 3.625.
8. Attach the desired wall (ceiling) covering and finish accordingly as shown in FIG. 13.

Min Wall/Ceiling Thickness is .5"
Max Wall/Ceiling Thickness is 1.25"

9. Slide DRIVER PLATE into the box with the driver facing rearward as shown in FIG. 14. As you slide the plate in, make sure you pull the BUILDING SUPPLY connections through the large hole in the DRIVER PLATE and other wires will already be through center hole.
10. Make BUILDING SUPPLY wire connections and tuck them into the top section of the box leaving the DRIVER WIRES out as shown in FIG. 15.



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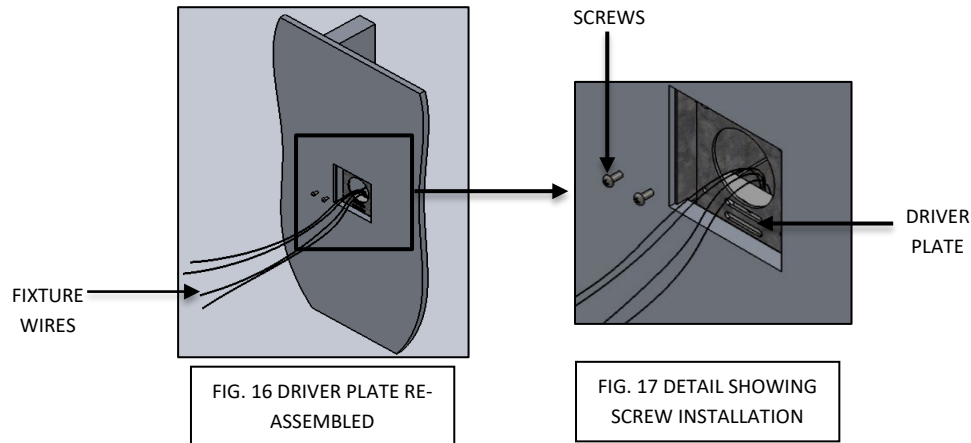
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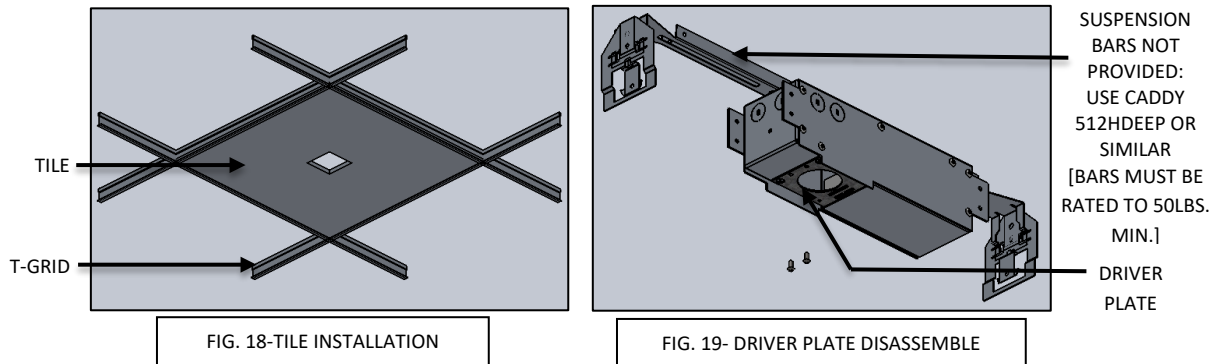
11. Reattach DRIVER PLATE with the screws provided as shown in FIG. 16.

CAUTION: Make sure **FIXTURE WIRES** from **DRIVER** as shown in FIG.17 are capped while waiting to install fixture.

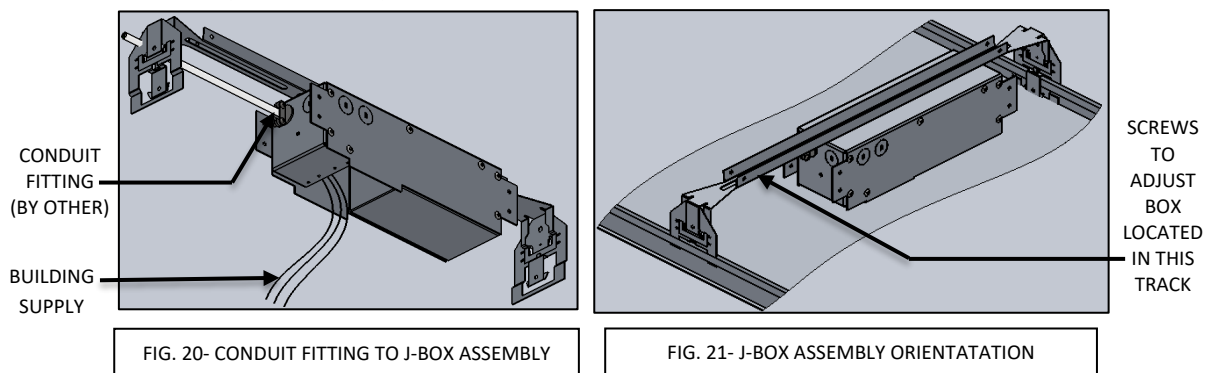


LEVO MOUNTING [GRID CEILING]:

12. Cut a 3.375" high and 3.625" Wide Hole into the CEILING TILE and insert the TILE into the desired location as shown below in FIG. 18.
13. Remove the DRIVER PLATE by removing the Two Screws and slide out as shown below in FIG. 19.



14. Remove the desired knock out and attach appropriate 1/2" CONDUIT FITTING and pull the BUILDING SUPPLY wires through the opening as shown below in FIG. 20.
15. From an adjacent opening attach, the J-BOX to the GRID with the SUSPENSION BARS [BY OTHER] attached on the top. (Position of the J-BOX can be moved by loosening the top 2 SCREWS) as shown below in FIG.21.
16. Center the flanges into the Square Hole, the surface of the J-BOX should almost rest onto the TILE.



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17. Slide DRIVER PLATE into the box with the DRIVER facing up. as you slide the plate in, make sure you pull the BUILDING SUPPLY connections through the large hole in the DRIVER PLATE as shown below in FIG. 22 and other wires will already be through the center hole.
18. Secure the DRIVER PLATE with the screws provided.
19. Make BUILDING SUPPLY WIRE connections and tuck them into the small section of the J-BOX.

CAUTION: Make sure FIXTURE WIRES from DRIVER are capped while waiting to install fixture as shown in FIG. 23.

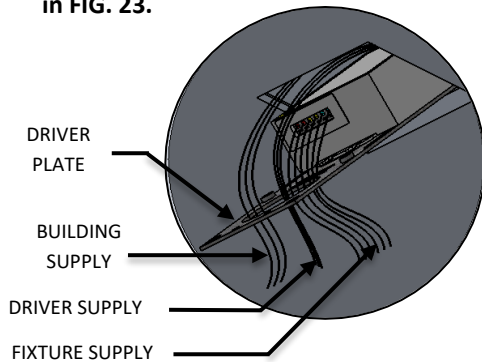


FIG. 22- DETAIL SHOWING BUILDING SUPPLY AND DRIVER WIRE

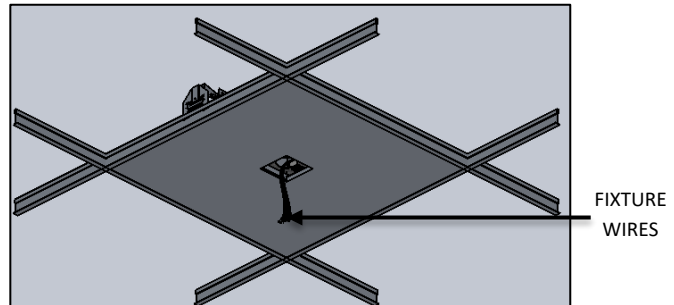


FIG. 23- ASSEMBLED VIEW SHOWING RECESSED J-BOX TO THE CEILING

20. Attach the fixture to installed JUNCTION BOX.

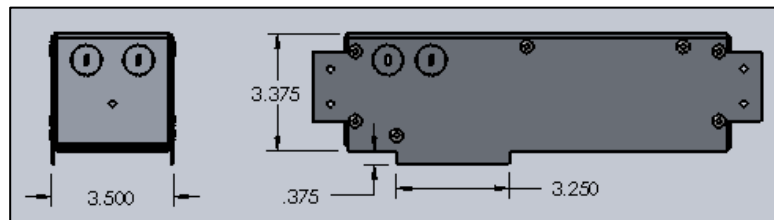


FIG. 24 - INSTALLED JUNCTION BOX

LEVO MOUNTING [CANOPY]:

1. INSERT CORD into CANOPY FINIAL (THREADS UP), CANOPY and MOUNTING BRACKET as shown in FIG.25 and adjust fixture drop to desired height.
2. Raise the LEVO FIXTURE as shown below in FIG. 26 and pass the cord through MOUNTING BRACKET. Adjust fixture drop to desired height.

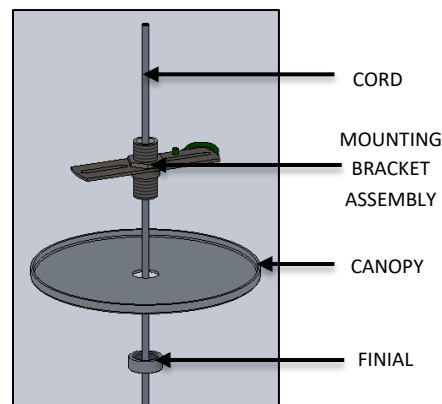


FIG. 25 - CORD INSTALLATION

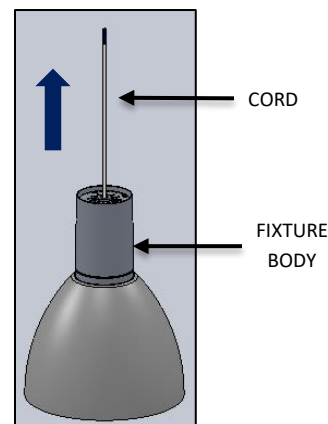


FIG. 26 - FIXTURE INSTALLATION

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- Mark CORD with marker above the all-thread and Trim off excess cord leaving minimum of 8" past the Top of the all-thread as shown below in fig. 28.

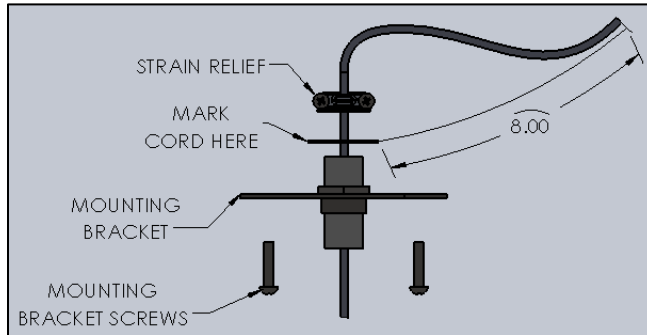


FIG. 28 – DETAIL B (SHOWING CORD TRIM INFORMATION)

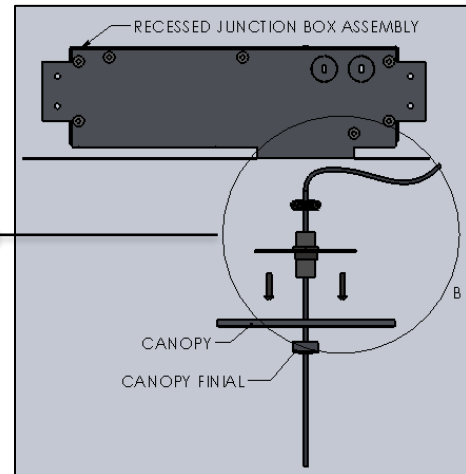


FIG. 27 – CORD INSTALLATION TO J-BOX

- Insert CORD through the STRAIN RELIEF and tighten two SCREWS on the STRAIN RELIEF above the all-thread where marked. If screws are not properly tightened CORD could slip; through the STRAIN RELIEF, causing the fixture to fall. see detail as shown in FIG.29.

Be sure to leave a minimum of 8.00" past the strain relief to allow for wire connections.

WARNING:



Do not let the LEVO LUMINAIRE hang free until the CABLE is secured and evenly tensioned.

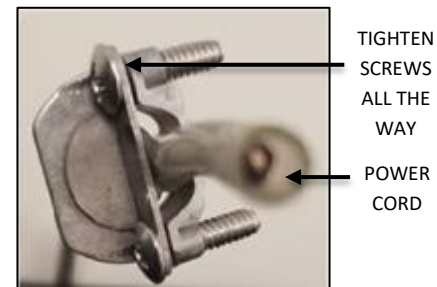


FIG. 29 – STRAIN RELIEF WITH CORD INSERTED

- Make wire connections between DRIVER and FIXTURE CORD, all wire connections in the inside the junction box in accordance with the NATIONAL ELECTRICAL CODE and all applicable LOCAL AND STATE CODES. See WIRE DIAGRAM below as shown in FIG.30.
- Raise MOUNTING BRACKET ASSEMBLY up to RECESSED JUNCTION BOX, and secure with the MOUNTING BRACKET SCREWS as shown in FIG.32.

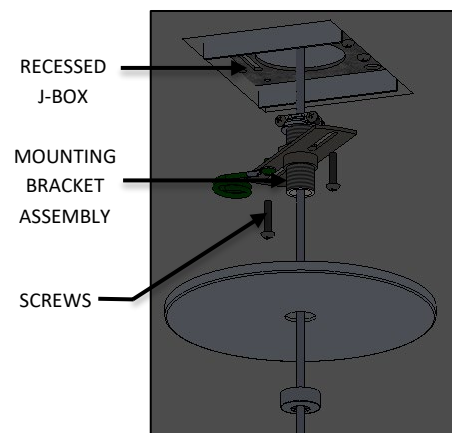


FIG. 30 – FINIAL ASSEMBLY

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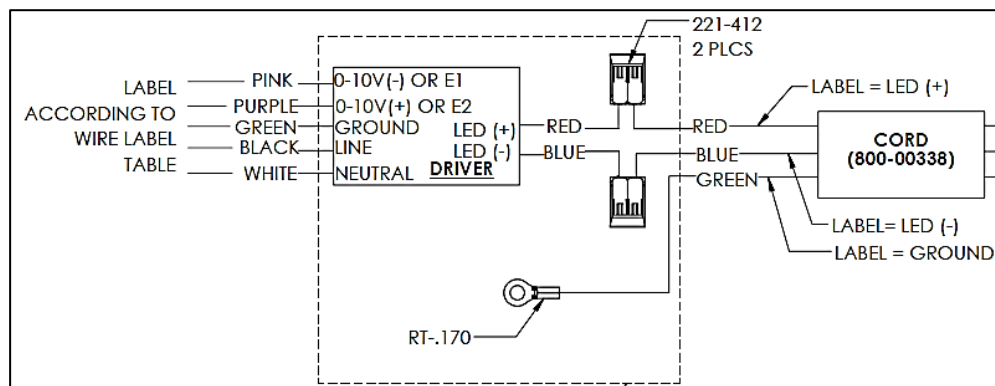
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- Make wire connections between Building Supply, Driver and fixture cord inside the junction box in accordance with the NATIONAL ELECTRICAL CODE and all applicable LOCAL AND STATE CODES. See WIRE LABEL TABLE and WIRE DIAGRAM shown in FIG. 31 and FIG. 32 for wire connections

WIRE DIAGRAM TABLE						
SERIES	HANGING SYSTEM	BODY SIZE	BODYLIGHT SOURCE	LED OUTPUT	CONTROL	WIRE DIAGRAM
LE1 LEVO	P1FX: PENDANT WITH FLAT CANOPY, SINGLE POWER CORD; MOUNTS TO OCL RECESSED J-BOX (PROVIDED BY OCL)	10"	STATIC WHITE	LED1 LED2	DM1: 0-10V DIM 1% DM3: LUTRON HI-LUME ECOSYSTEM 1% (LDE1)	WIRE DIAGRAM ON PAGE 9

WIRE LABEL TABLE		
CONTROL	WIRE COLOR	LABEL
ALL	RED(CORD)	LED(+)
ALL	BLUE(CORD)	LED(-)
ALL	GREEN(CORD)	GROUND
ALL	BLACK	LINE VOLTAGE
ALL	WHITE	NEUTRAL
ALL	GREEN(DRIVER)	GROUND
ALL	RED(DRIVER)	LED(+)
ALL	BLUE(DRIVER)	LED(-)
DM1	PURPLE	0-10V(+)
DM1	PINK	0-10V(-)
DM3	PURPLE	E2
DM3	PINK	E1

FIG. 31 – WIRE LABEL INFORMATION



SEE GENERAL NOTE 7 ON PAGE 1

FIG. 32 – WIRE DIAGRAM

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8. Raise CANOPY PLATE and secure to ceiling by threading the FINIAL to the NIPPLE (available in MOUNTING BRACKET ASSEMBLY) as shown below in FIG. 33.

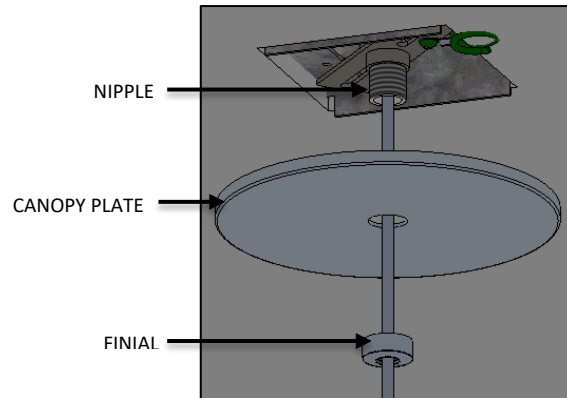


FIG. 33 – FINIAL ASSEMBLY

9. Restore power to circuit the LEVO series pendant is connected to.
 - a. Test to see that the luminaire turns on after power is restored.
 - b. Contact OCL for any luminaire troubleshooting if a problem occurs

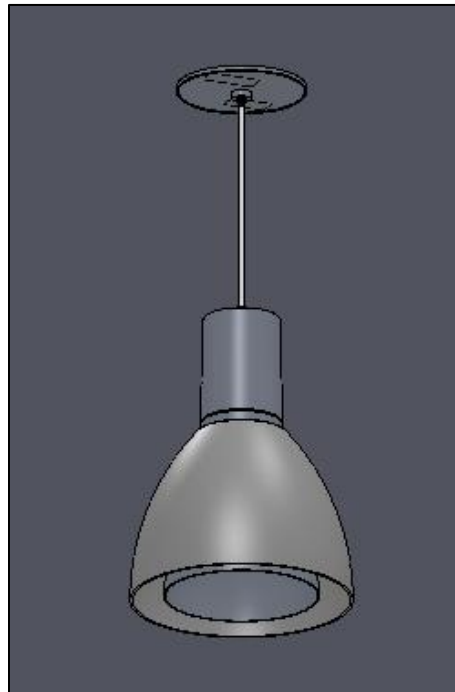


FIG. 34 - COMPLETED INSTALLATION OF LEVO PENDANT WITH P1FX HANGING SYSTEM

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