

INSTALLATION INSTRUCTIONS RIBBED GLASS PENDANT WITH P1FBX HANGING SYSTEM

These Instructions cover the RIBBED GLASS luminaire with the following options:

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE DIAGRAM
1. RB1 (RIBBED GLASS)	P1FBX: PENDANT WITH FLAT CANOPY, SINGLE CENTER AIRCRAFT CABLE AND SILVER POWER CORD; MOUNTS TO OCL RECESSED J-BOX (PROVIDED BY OCL)	12"	STATIC WHITE	DM1: 0-10V DIMMING 1%	WIRE DIAGRAM ON PAGE 11

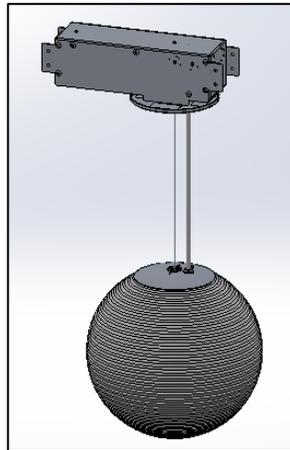


FIG. 1 – RB1-P1FBX-12-MW-XXX-LEDX_XXK-UNV-XX-DM1

GENERAL NOTES:

1. PLEASE COMPLETELY READ THE INSTALL INSTRUCTIONS BEFORE STARTING INSTALLATION.
2. INSTALL IN ACCORDANCE WITH ALL LOCAL, STATE AND NATIONAL CODES CONSULT WITH A QUALIFIED ELECTRICIAN FOR PROPER INSTALLATION.
3. 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.
4. 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.
5. UPON RECEIPT OF THE FIXTURE, THOROUGHLY INSPECT FOR ANY FREIGHT DAMAGE. ANY DAMAGE SHOULD BE BROUGHT TO THE ATTENTION OF THE DELIVERY CARRIER.
6. DO NOT LET THE RIBBED GLASS LUMINAIRE HANG FREE UNTIL THE AIRCRAFT CABLE ARE 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 RIBBED GLASS series pendant fixture:

1. RIBBED GLASS LUMINAIRE with CORD & AIRCRAFT CABLE 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)
 - 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.

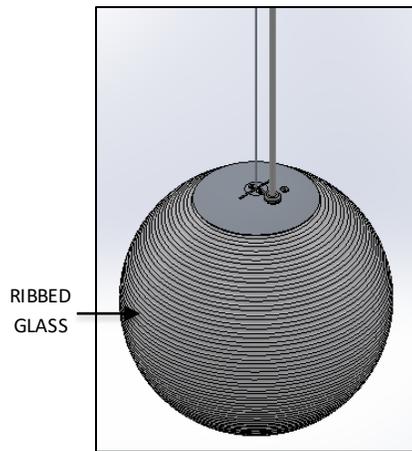


FIG.2 RIBBED GLASS LUMINAIRE
(PRE-ASSEMBLED)

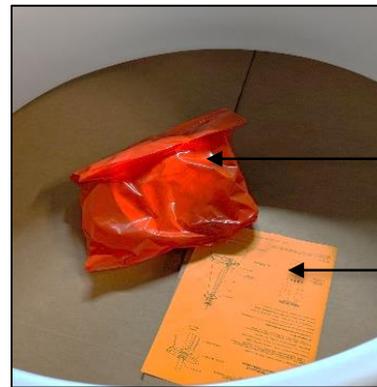


FIG.3 RED BAG AND
INSTALLATION INSTRUCTIONS

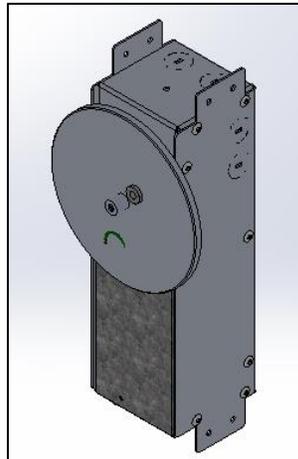
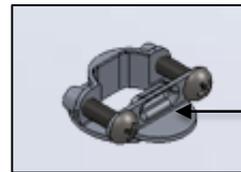


FIG. 4- CANOPY SUBASSEMBLY



STRAIN RELIEF

FIG. 5 - STRAIN RELIEF

RIBBED GLASS MOUNTING:

1. Unscrew 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 along with STRAIN RELIEF provided in it as shown in FIG. 7.

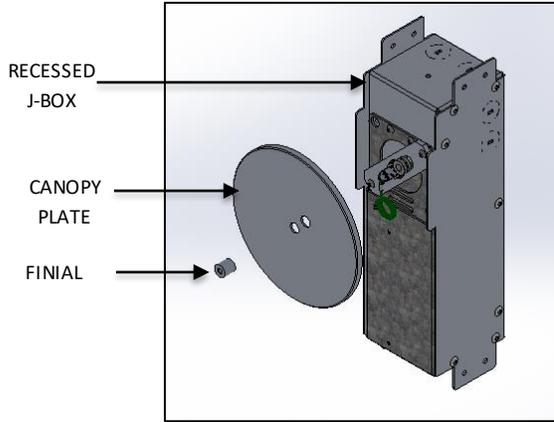


FIG. 6 – FINIAL AND CANOPY DISASSEMBLY

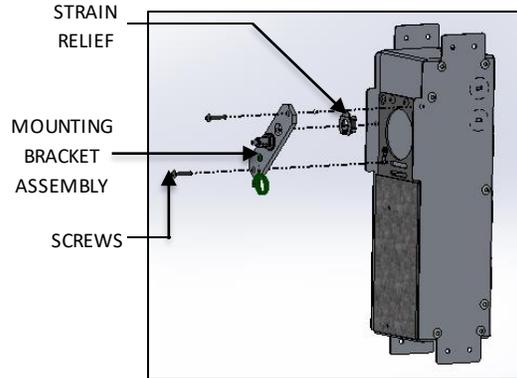


FIG. 7 – MOUNTING BRACKET DISASSEMBLY

NOTE:

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

RIBBED GLASS 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.

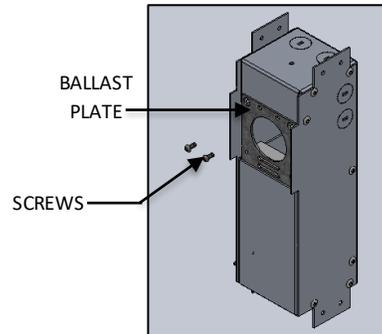


FIG. 8- DRIVER PLATE DISASSEMBLE

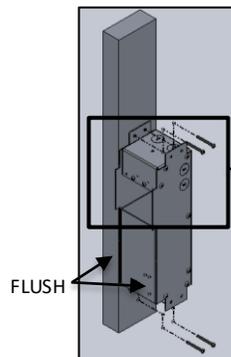


FIG. 9- J-BOX ASSEMBLY TO WALL

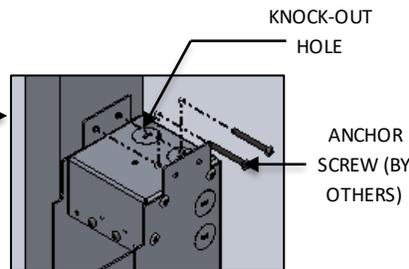


FIG. 10- DETAIL SHOWING KNOCK-OUT HOLE AND SCREWS

RB1-P1FBX-INSTALLATION-INSTRUCTIONS

- 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.

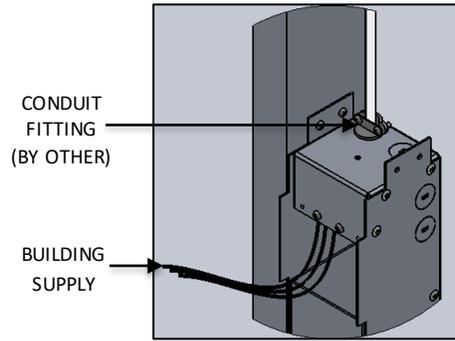


FIG. 11- DETAIL SHOWING BUILDING SUPPLY AND CONDUIT FITTING

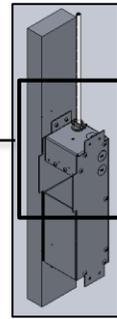


FIG. 12- CONDUIT FITTING TO J-BOX ASSEMBLY

- Cut a SQUARE HOLE no larger than 3.375" x 3.625.
- 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"

- 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.
- 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.

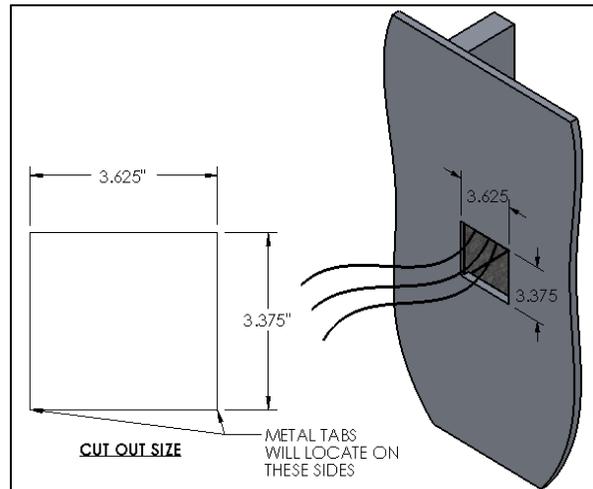


FIG. 13- J-BOX ASSEMBLY AND WALL CUT OUT

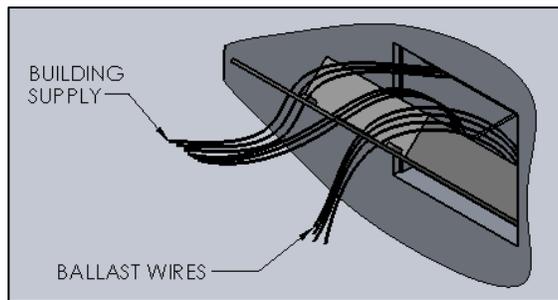


FIG. 15- DETAIL SHOWING BUILDING SUPPLY AND DRIVER WIRE CONNECTION

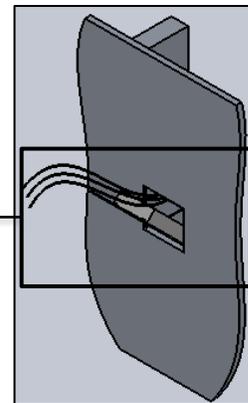
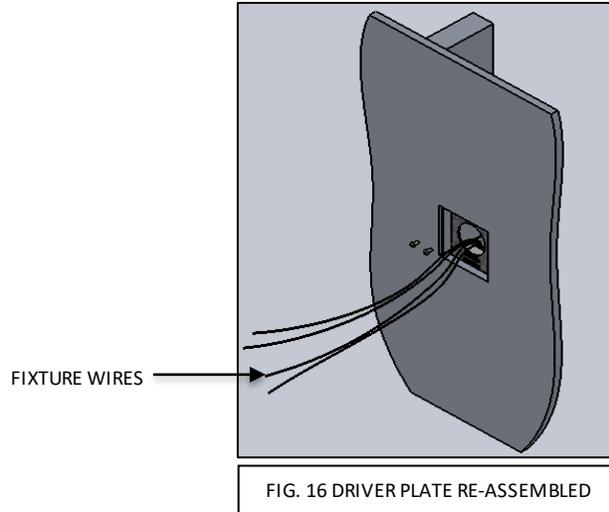


FIG. 14- DRIVER PLATE ASSEMBLY

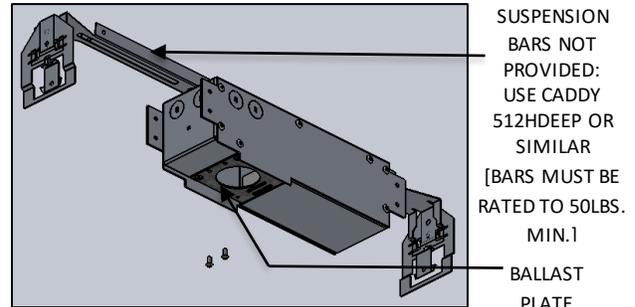
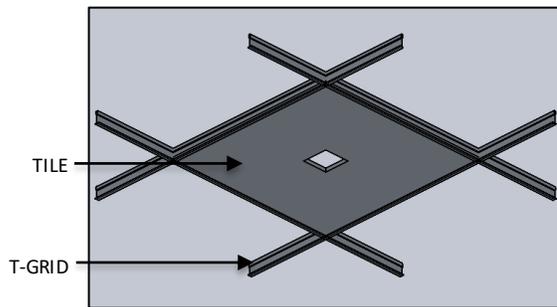
11. Reattach DRIVER PLATE with the screws provided as shown in FIG. 16.

CAUTION: Make sure FIXTURE WIRES from DRIVER are capped while waiting to install fixture.

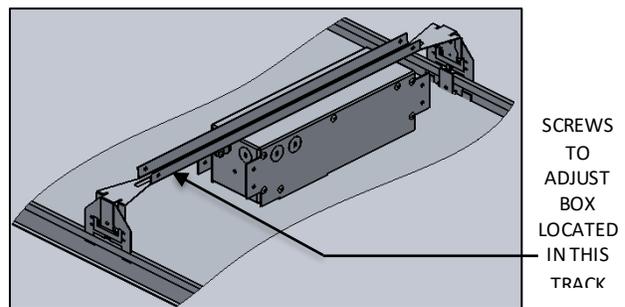
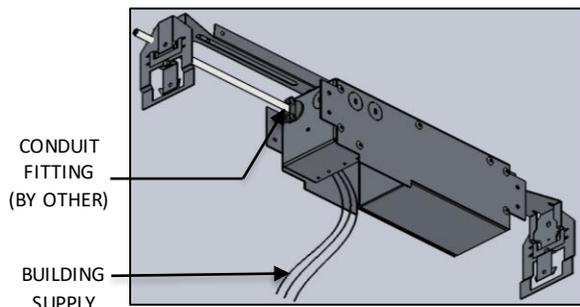


RIBBED GLASS MOUNTING [GRID CEILING]:

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. 17.
13. Remove the DRIVER PLATE by removing the Two Screws and slide out as shown below in FIG. 18.



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. 19.
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. 20.
16. Center the flanges into the Square Hole, the surface of the J-BOX should almost rest onto the TILE.



RB1-P1FBX-INSTALLATION-INSTRUCTIONS

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.21 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. 22.

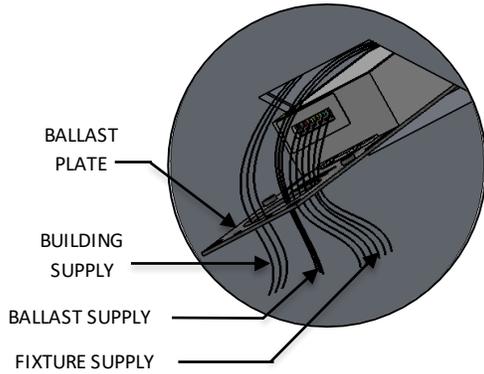


FIG. 21- DETAIL SHOWING BUILDING SUPPLY AND DRIVER WIRE

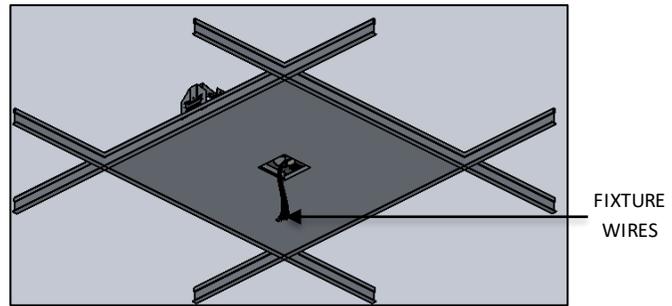


FIG. 22- ASSEMBLED VIEW SHOWING RECESSED J-BOX TO THE CEILING

20. Attach the fixture to installed JUNCTION BOX.

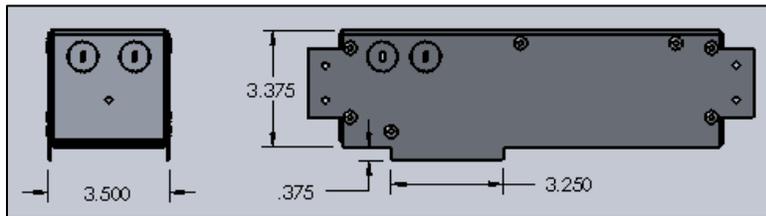


FIG. 23 - INSTALLED JUNCTION BOX

RIBBED GLASS MOUNTING [CANOPY]:

1. Secure the MOUNTING BRACKET ASSEMBLY to the JUNCTION BOX with two screws (by others) as shown below in FIG. 24.

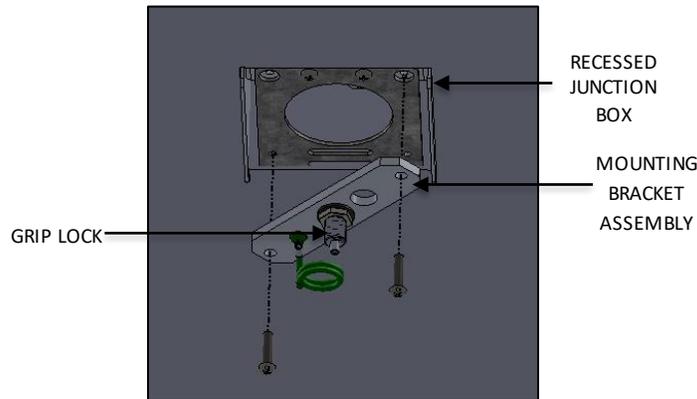
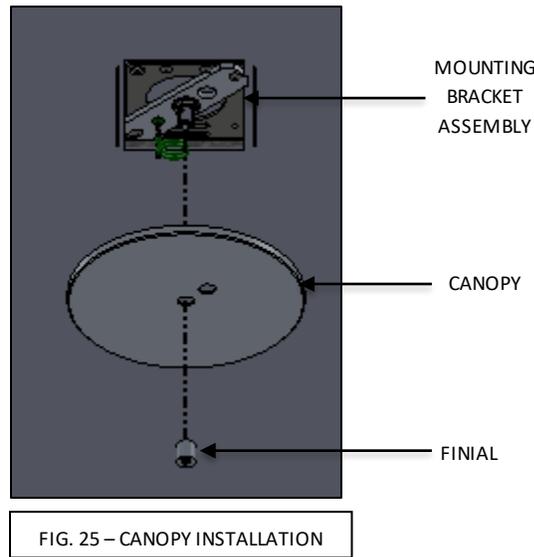


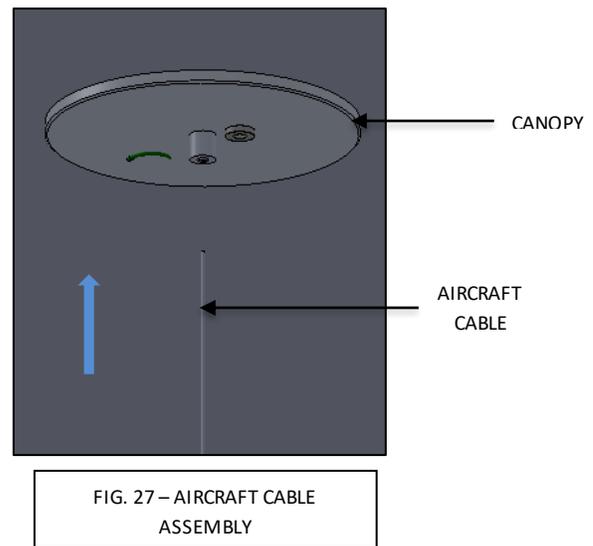
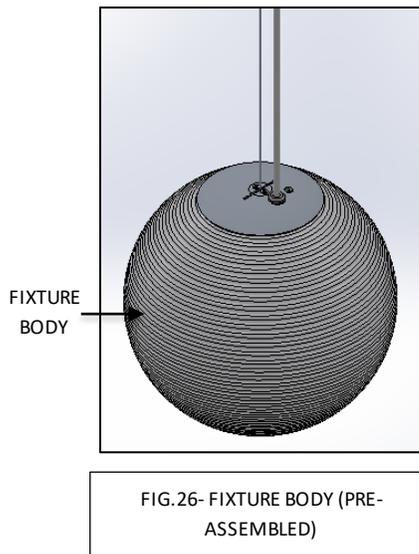
FIG. 24 - MOUNTING BRACKET ASSEMBLY

RB1-P1FBX-INSTALLATION-INSTRUCTIONS

- Loosely secure CANOPY to the ceiling by threading the FINIAL to the MOUNTING BRACKET ASSEMBLY as shown below in FIG. 25.



- Locate the RIBBED GLASS LUMINAIRE as shown in FIG. 26 and with multiple people raise up LUMINAIRE and pass the PREASSEMBLED AIRCRAFT CABLE through the GRIPLOCK in the CANOPY as shown in FIG.27, refer to RIBBED GLASS MOUNTING step 1 for location.



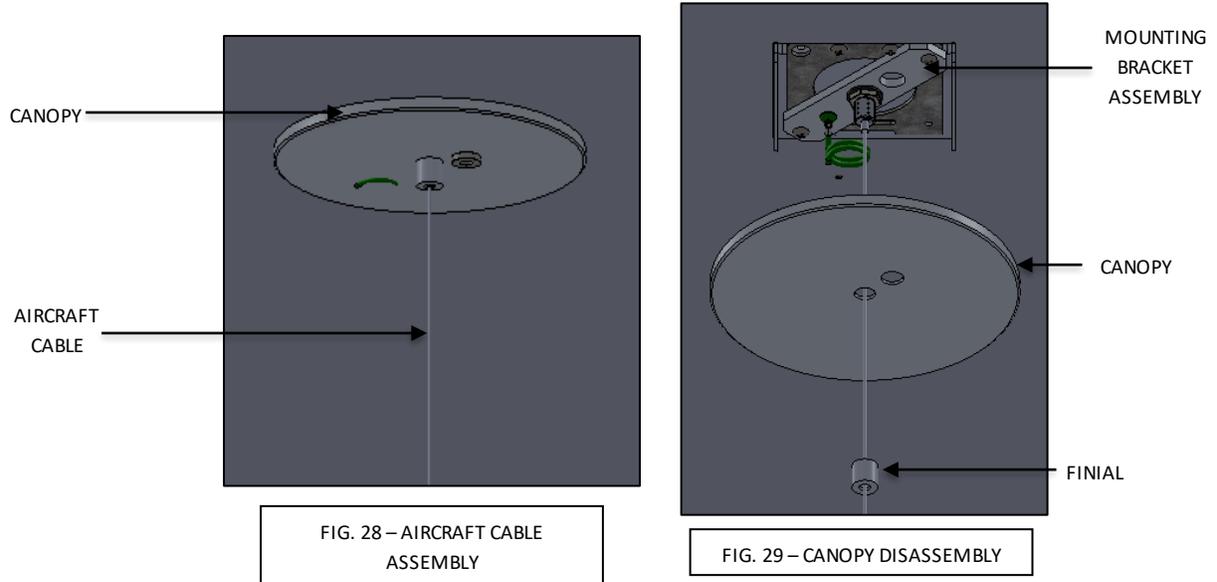
WARNING:



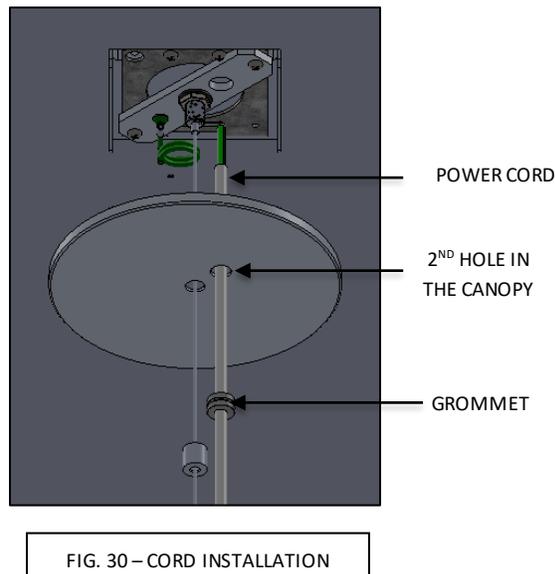
Do not let the RIBBED GLASS LUMINAIRE hang free until the AIRCRAFT CABLE are secured and evenly tensioned.

RB1-P1FBX-INSTALLATION-INSTRUCTIONS

- Once the sub assembly is secured to the AIRCRAFT CABLE, as shown in FIG.28. Unthread the FINIAL from the MOUNTING BRACKET ASSEMBLY and lower the CANOPY as shown below in FIG. 29.



- Feed POWER CORD from the FIXTURE BODY to the CANOPY through GROMMET and then pass it through the 2ND hole provided in the CANOPY as shown below in FIG. 30.



RB1-P1FBX-INSTALLATION-INSTRUCTIONS

- Then first feed the CORD through the holes which is available in the MOUNTING BRACKET ASSEMBLY and then secured it to the desired length bypass it through the STRAIN RELIEF as shown below in FIG. 31 & 32.

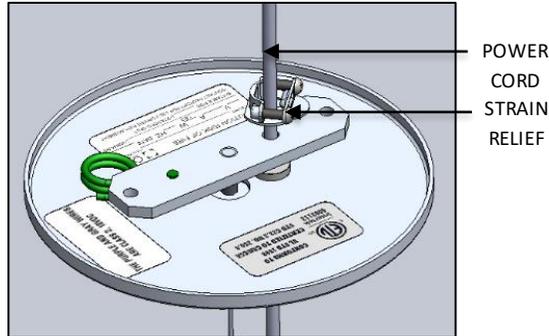


FIG. 31 – STRAIN RELIEF INSTALLATION

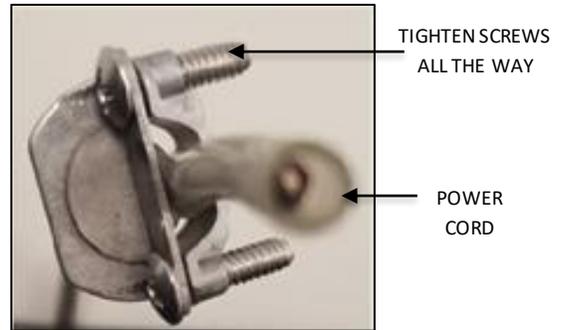


FIG. 32 – STRAIN RELIEF WITH CORD INSERTED

- Make sure to leave minimum of 8.00" past the top of the STRAIN RELIEF for making wire connections to driver as shown below in FIG 33.

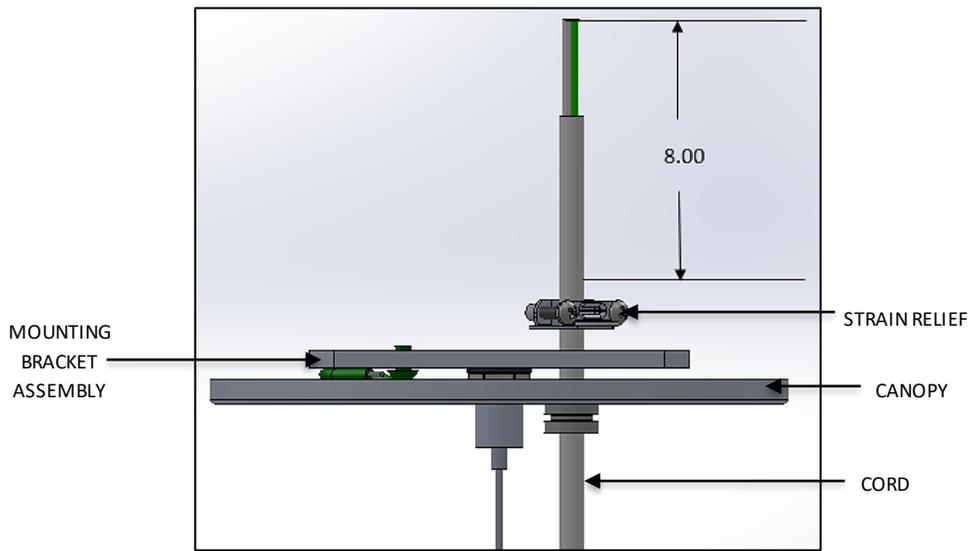


FIG. 33 – CORD INSTALLATION DETAIL

RB1-P1FBX-INSTALLATION-INSTRUCTIONS

- Make all wire connections inside the junction box (by others) in accordance with the NATIONAL ELECTRICAL CODE and all applicable LOCAL AND STATE CODES. See WIRE DIAGRAM TABLE and WIRE DIAGRAM below as shown in FIG.36 for making wire connections.

WIRE DIAGRAM TABLE						
SERIES	HANGING SYSTEM	BODY SIZE	BODYLIGHT SOURCE	LED OUTPUT	CONTROL	WIRE DIAGRAM
RB1 (RIBBED GLASS)	P1FBX	12"	STATIC WHITE	LED1 & LED2	DM1: 0-10V DIMMING 1%	WIRE DIAGRAM ON PAGE 11

WIRE DIAGRAM:

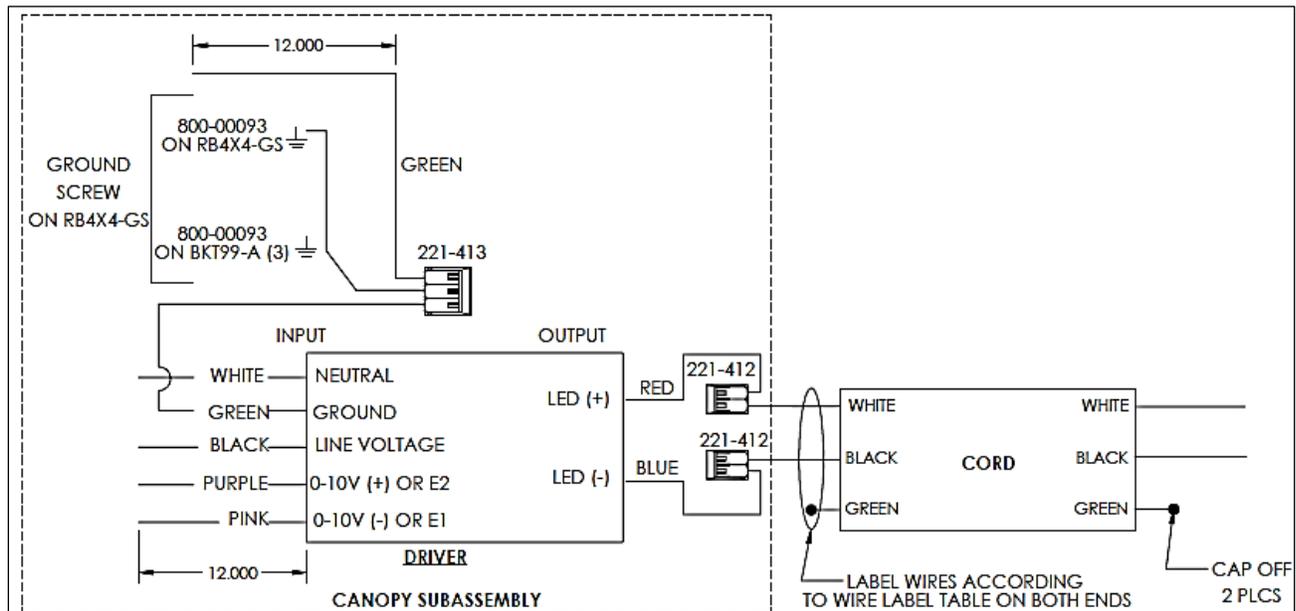
WIRE LABEL TABLE		
CONTROL	WIRE COLOR	LABEL
ALL	WHITE (CORD)	LED(+)
ALL	BLACK (CORD)	LED(-)
ALL	GREEN (CORD)	CAP OFF

FIG. 34 – WIRE LABEL TABLE

DRIVER WIRES TO BUILDING SUPPLY

BLACK WIRE = LINE VOLTAGE
 WHITE WIRE = NEUTRAL
 GREEN WIRE = GROUND
 PURPLE WIRE = 0-10V (+)
 PINK WIRE = 0-10V (-)

FIG. 35 – WIRE CONNECTION FROM BUILDING SUPPLY TO DRIVER

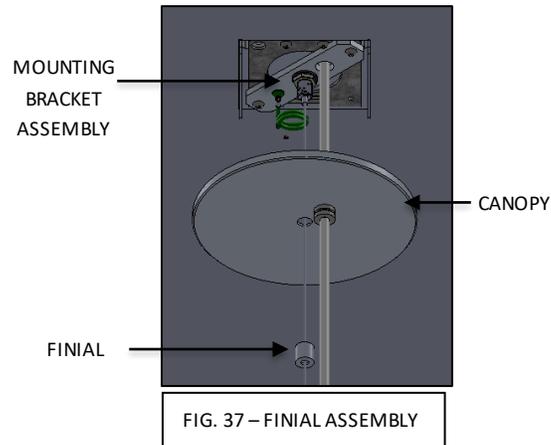


SEE GENERAL NOTE 7 ON PAGE 1

FIG. 36 – WIRE DIAGRAM FOR RIBBED GLASS-P1FBX- SERIES

RB1-P1FBX-INSTALLATION-INSTRUCTIONS

9. Raise CANOPY and secure to ceiling by threading the FINIAL to the MOUNTING BRACKET ASSEMBLY as shown below in FIG. 37.



10. Restore power to circuit the RIBBED GLASS 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.

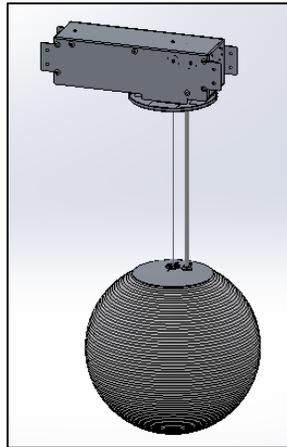


FIG. 38 – COMPLETED INSTALLATION OF RIBBED GLASS PENDANT
WITH P1FBX HANGING SYSTEM
RB1-P1FBX-XX-MW-XXX-LEDX_XXK-UNV-XX-DM1