

## INSTALLATION INSTRUCTIONS

### RIBBED GLASS PENDANT WITH P1FKX HANGING SYSTEM

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

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE DIAGRAM
RB1-RIBBED GLASS	P1FKX: PENDANT WITH SURFACE CANOPY WITH CORD AND CABLE	12"	STATIC WHITE	DM1: 0-10V DIMMING 1%	WIRE DIAGRAM A ON PAGE 6

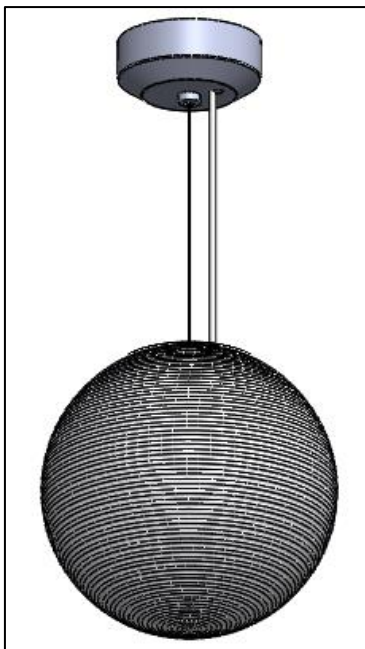


FIG. 1 – RB1-P1FKX-12-WG-XXX-LEDX\_XXK-UNV-XX-DM1

#### 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 RIBBED GLASS LUMINAIRE HANG FREE UNTIL THE AIRCRAFT 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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## RB1-P1FKX-12-STATIC WHITE-INSTALLATION INSTRUCTIONS

### GENERAL INFORMATION:

You will receive the following with each RIBBED GLASS series pendant fixture:

1. RIBBED GLASS LUMINAIRE with CORD and 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) 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.**

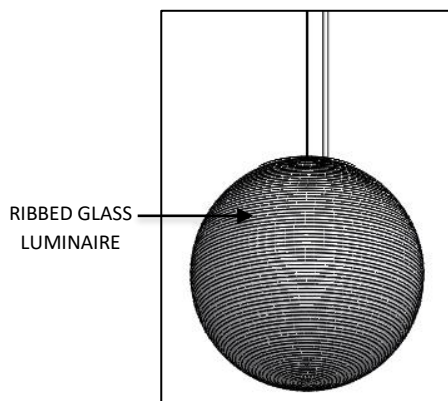


FIG. 2 - RIBBED GLASS LUMINAIRE  
(PRE-ASSEMBLED)

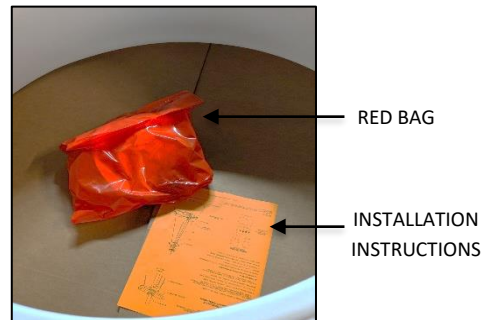


FIG. 3 - RED BAG AND  
INSTALLATION INSTRUCTIONS

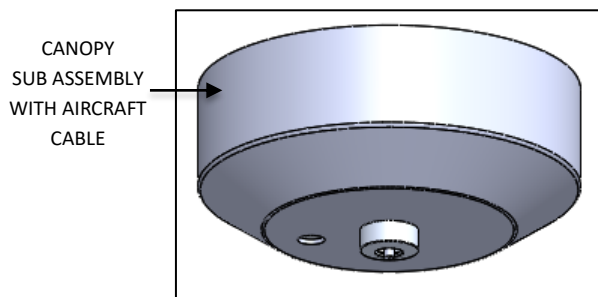


FIG. 4 - CANOPY SUBASSEMBLY

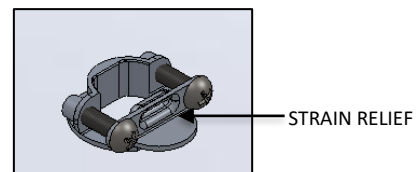


FIG. 5 - STRAIN RELIEF

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## MOUNTING:

### RIBBED GLASS MOUNTING [CANOPY]:

1. Unscrew CANOPY FINIAL and remove CANOPY. Be careful not to scratch finish as shown in FIG. 6.
2. Unscrew the KNURLED NUT securing MOUNTING PLATE to driver MOUNTING BRACKET. Swing driver mounting bracket down and out of the way as shown below in FIG. 7.

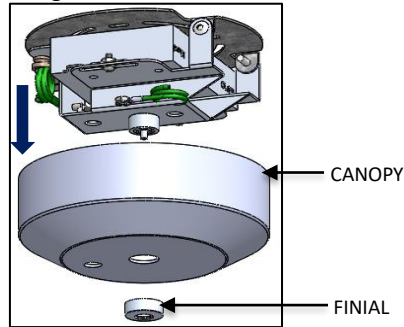


FIG. 6 – CANOPY DIS-ASSEMBLY

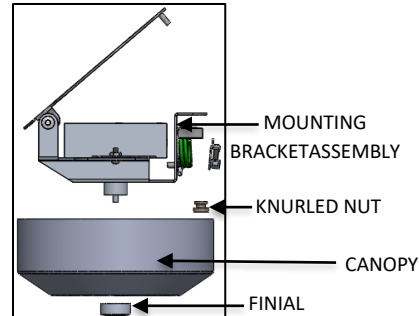


FIG. 7 – MOUNTING PLATE DIS-ASSEMBLY

3. Attach MOUNTING BRACKET to JUNCTION BOX (by other) as shown below in FIG. 8.
4. Tighten KNURLED NUT to secure DRIVER MOUNTING BRACKET to MOUNTING PLATE. As shown below in FIG. 9.

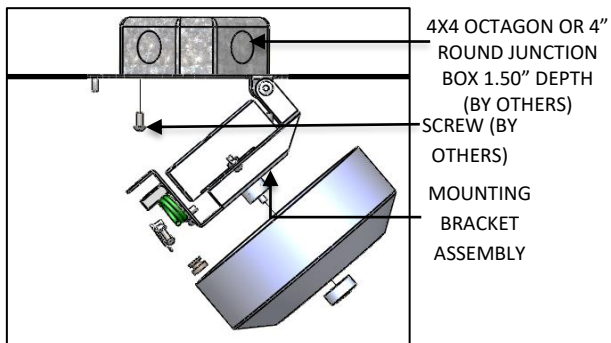


FIG. 8 – MOUNTING BRACKET ASSEMBLY INSTALLATION

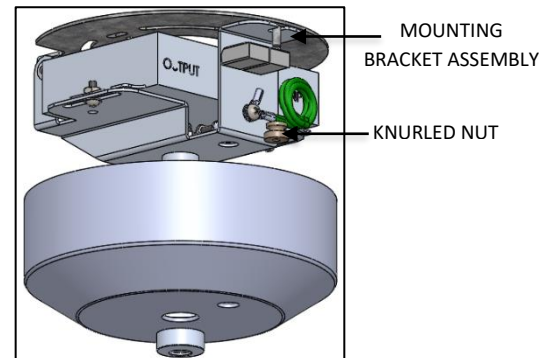


FIG. 9 – MOUNTING BRACKET ASSEMBLY

5. Locate the RIBBED GLASS LUMINAIRE as shown in FIG. 10 and with multiple people raise up LUMINAIRE and pass the PREASSEMBLED AIRCRAFT CABLE through the GRIPLOCK in the CANOPY as shown in FIG.11.

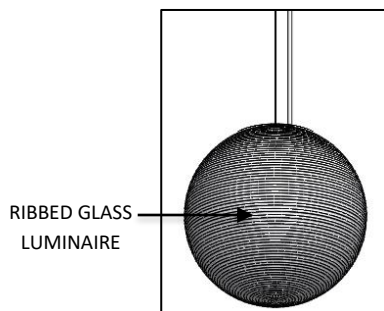


FIG.10 -RIBBED GLASS LUMINAIRE (PRE-ASSEMBLED)

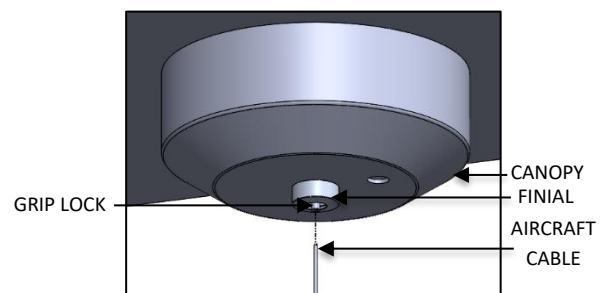


FIG. 11 –CANOPY INSTALLATION

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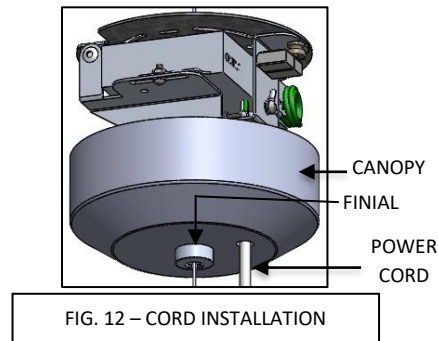
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# RB1-P1FKX-12-STATIC WHITE-INSTALLATION INSTRUCTIONS

6. Once the sub assembly is secured to the AIRCRAFT CABLE, unthread the FINIAL from the MOUNTING BRACKET ASSEMBLY and lower the CANOPY. And feed POWER CORD through the 2<sup>ND</sup> hole in the CANOPY and DRIVER MOUNTING BRACKET as shown below in FIG. 12.



7. Adjust FIXTURE drop to desired height. Mark cord with marker inside of DRIVER MOUNTING BRACKET as shown below in FIG. 13. Trim off excess cord leaving minimum of 8.00" past the top of the DRIVER MOUNTING BRACKET all thread.

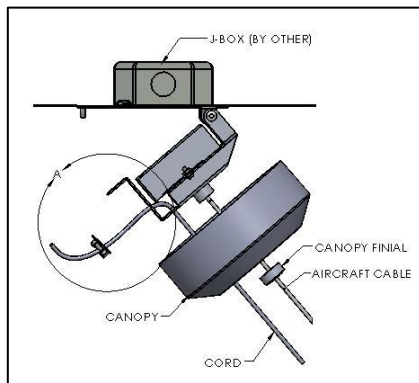
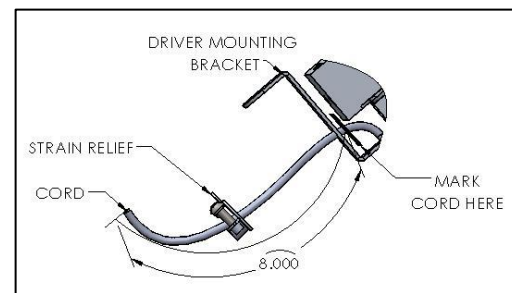


FIG. 13 -CORD INSTALLATION



DETAIL A

8. Insert CORD through the STRAIN RELIEF and tighten two SCREWS on the STRAIN RELIEF above the hanging system where marked. Tighten screws until there is a Gap of .063" - .095" between the strain relief body and compression plate. Overtighten could damage CORD and under tighten won't support the FIXTURE properly. See detail as shown in FIG.14.  
Be sure to leave a minimum of 8.00" past the strain relief to allow for wire connections.

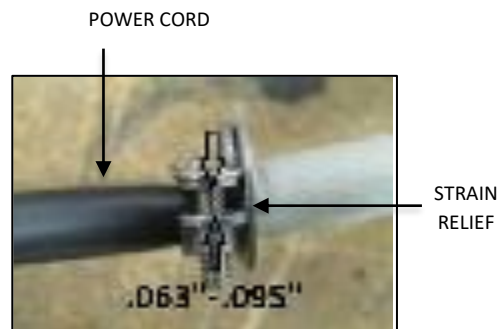


FIG. 14 – STRAIN RELIEF  
INSTALLATION

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9. Make wire connections between Building Supply, Driver and fixture cord inside the junction box (by others) in accordance with the NATIONAL ELECTRICAL CODE and all applicable LOCAL AND STATE CODES. See WIRE LABEL TABLE and WIRE DIAGRAM shown in FIG. 15 and FIG. 16.

WIRE DIAGRAM TABLE						
SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	LED OPTION	CONTROL	WIRE DIAGRAM
RB1-RIBBED GLASS	P1FKX: PENDANT WITH SURFACE CANOPY WITH CORD AND CABLE	12	STATIC WHITE	LED 1 LED 2	DM1:0-10V DIMMING 1%	WIRE DIAGRAM ON PAGE 6

## WIRE DIAGRAM:

### DRIVER WIRES TO BUILDING SUPPLY

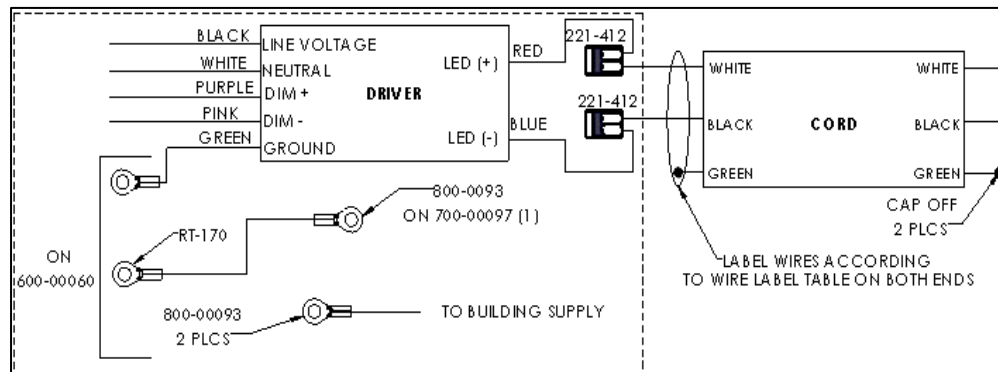
BLACK WIRE = LINE VOLTAGE  
WHITE WIRE = NEUTRAL  
GREEN WIRE = GROUND  
PURPLE WIRE = 0-10V (+)  
PINK WIRE = 0-10V (-)

FIG. 15 – WIRE CONNECTION FROM BUILDING SUPPLY TO DRIVER

### WIRE LABEL TABLE

CONTROL	WIRE COLOR	LABEL
ALL	RED	LED1 +
ALL	BLUE	LED1 -

FIG. 17 – WIRE LABEL INFORMATION



SEE GENERAL NOTE 7 ON PAGE 1  
FIG. 16 – WIRE DIAGRAM

10. Raise CANOPY and secure to ceiling by threading the FINIAL to the NIPPLE (available in MOUNTING BRACKET ASSEMBLY) as shown below in FIG. 18.

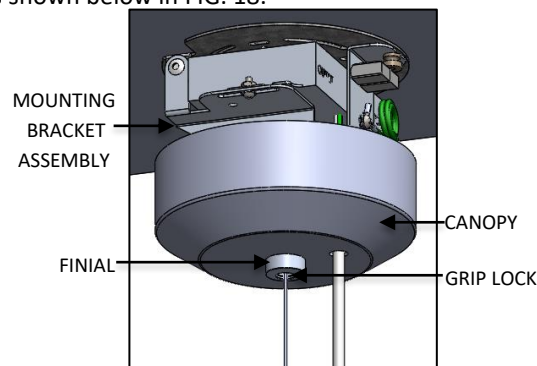


FIG. 18 – FINIAL INSTALLATION

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## RB1-P1FKX-12-STATIC WHITE-INSTALLATION INSTRUCTIONS

11. 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.

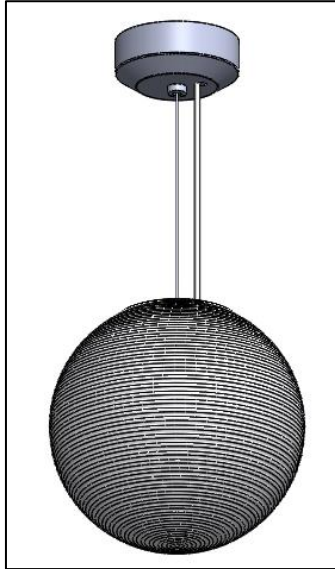


FIG. 19 - COMPLETED INSTALLATION OF RIBBED  
GLASS PENDANT WITH P1FKX HANGING SYSTEM