

## INSTALLATION INSTRUCTIONS FABRIC PENDANT WITH P1EC HANGING SYSTEM

These instructions cover the FABRIC luminaire with the following options:

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE LABEL TABLE
1. FB1 (FABRIC ROUND)	P1EC: PENDANT WITH 3 ANGLED AIRCRAFT CABLES AND A WHITE POWER CORD TO CANOPY	24"	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE LABEL ON PAGE 06
2. FB2 (FABRIC SQUARE)		36"			
		48"			

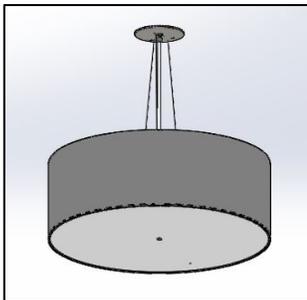


FIG. 1- FB1-P1EC-XX-XX\_GW-XXX-LEDX\_XXK-UNV-XXX-DM~

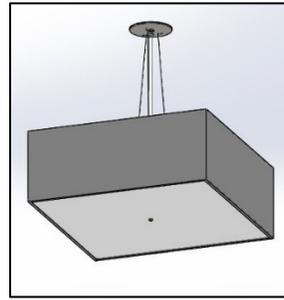


FIG. 2- FB2-P1EC-XX-XX\_GW-XXX-LEDX\_XXK-UNV-XXX-DM~

### 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. DUAL CIRCUITING IS STANDARD ON MULTI-BALLAST FIXTURES.
4. CAREFULLY UNPACK ALL CONTENTS; SOME COMPONENTS MAY HAVE BEEN SHIPPED IN SEPARATE BOXES MOST FIXTURES ARE SHIPPED PARTIALLY ASSEMBLED. SOME UN ASSEMBLY 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 FABRIC LUMINAIRE HANG FREE UNTIL ALL THE CABLE IS SECURED AND EVENLY TENSIONED.
7. UPON RECEIPT OF THE FIXTURE, THOROUGHLY INSPECT FOR ANY FREIGHT DAMAGE. ANY DAMAGE SHOULD BE BROUGHT TO THE ATTENTION OF THE DELIVERY CARRIER.
8. THESE INSTRUCTIONS DO NOT CLAIM TO COVER ALL DETAILS OR VARIATIONS IN THE EQUIPMENT, PROCEDURE, OR PROCESS DESCRIBED; NOR DO THEY PROVIDE DIRECTIONS FOR MEETING EVERY POSSIBLE CONTINGENCY DURING INSTALLATION, OPERATION, OR MAINTENANCE.
9. WHEN ADDITIONAL INFORMATION IS DESIRED TO SATISFY A PROBLEM NOT COVERED SUFFICIENTLY FOR USER'S PURPOSE, PLEASE CONTACT YOUR NEAREST REPRESENTATIVE.
10. THESE INSTRUCTIONS COVER VARIOUS SIZES AND LAMPING OPTIONS. FIXTURE SHOWN IN INSTRUCTIONS MAY DIFFER FROM FIXTURE BEING INSTALLED. INSTALLATION STEPS ARE THE SAME HOWEVER.
11. 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.

**OCL Architectural Lighting**

Phone: 314.863.1895  
Fax: 314.863.3278  
www.ocl.com

## Table of Contents

<b>GENERAL INFORMATION:</b> .....	<b>3</b>
<b>MOUNTING:</b> .....	<b>4</b>
<b>FABRIC MOUNTING [CANOPY]:</b> .....	<b>4</b>

FB1\_FB2-P1EC-LED-INSTALLATION INSTRUCTIONS

**GENERAL INFORMATION:**

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

1. MOUNTING STRAP. (as shown in FIG. 3)
2. BOTTOM STEM ASSEMBLY. (as shown in FIG. 4)
3. FABRIC SHADE. (as shown in FIG. 5)
4. REFLECTOR SUB ASSEMBLY AND CORD. (Pre-assembled as shown in FIG. 6)
5. DIFFUSER. (as shown in FIG. 7)
6. INSTALLATION INSTRUCTIONS (shown in FIG. 8) - Please completely read the install instructions before starting installation.
7. RED BAG (shown in FIG. 8) contains below following items
  - a. SCREWS. (as shown in FIG. 9)
  - b. CANOPY. (as shown in FIG. 10)
  - c. MOUNTING KIT CONTENTS (as shown on FIG. 11)
    - I. MOUNTING BRACKET ASSEMBLY
    - II. FINIAL

**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.3 MOUNTING STRAP (4 PLCS)



FIG.4 BOTTOM STEM ASSEMBLY

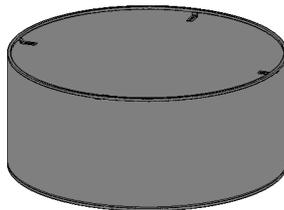


FIG.5 FABRIC SHADE

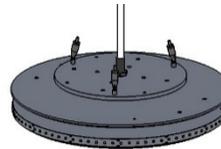


FIG.6 REFLECTOR SUBASSEMBLY



FIG.7 DIFFUSER

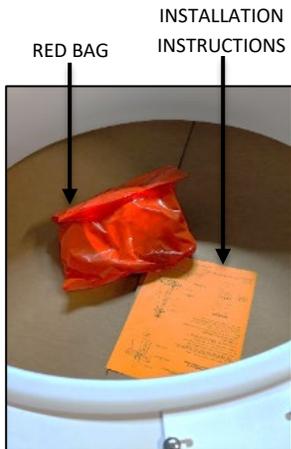


FIG.8 RED BAG AND INSTALLATION INSTRUCTIONS

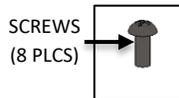


FIG.9 RED BAG CONTENTS

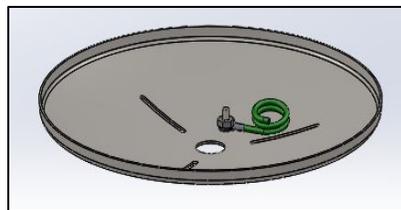


FIG. 10 CANOPY

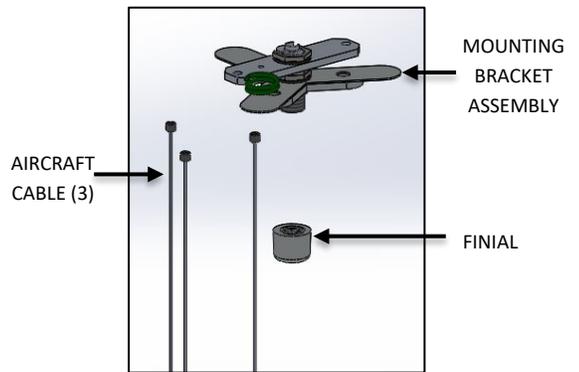


FIG. 11 MOUNTING KIT

OCL Architectural Lighting

Phone: 314.863.1895

Fax: 314.863.3278

[www.ocl.com](http://www.ocl.com)

FB1\_FB2-P1EC-LED-INSTALLATION INSTRUCTIONS

**MOUNTING:**

**FABRIC MOUNTING [CANOPY]:**

1. Attach **BOTTOM STEM** to **REFLECTOR SUBASSEMBLY** as shown in FIG.12. To the **HICKEY/COUPLER** which is preassembled inside of **REFLECTOR SUBASSEMBLY** as shown in FIG. 13.

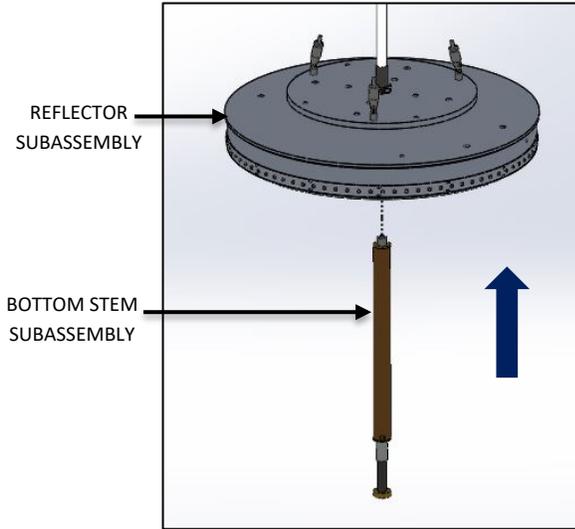


FIG. 12 – BOTTOM STEM INSTALLATION

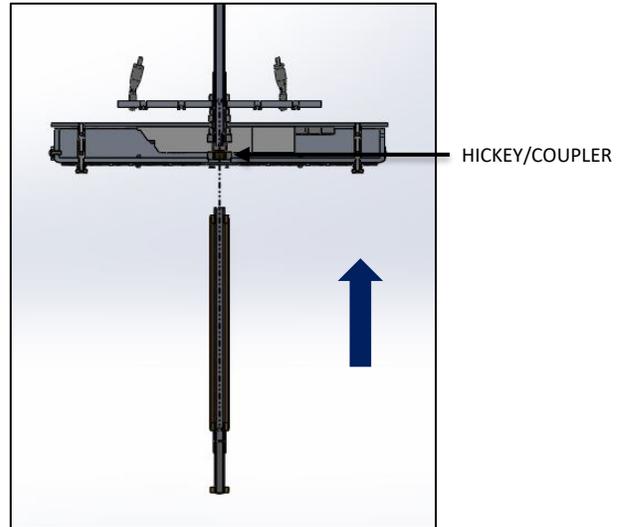


FIG. 13 – SECTION VIEW SHOWING BOTTOM STEM INSTALLATION

2. Assemble **MOUNTING STRAPS** to **REFLECTOR ASSEMBLY** by **SCREWS** provided as shown below in FIG. 14.

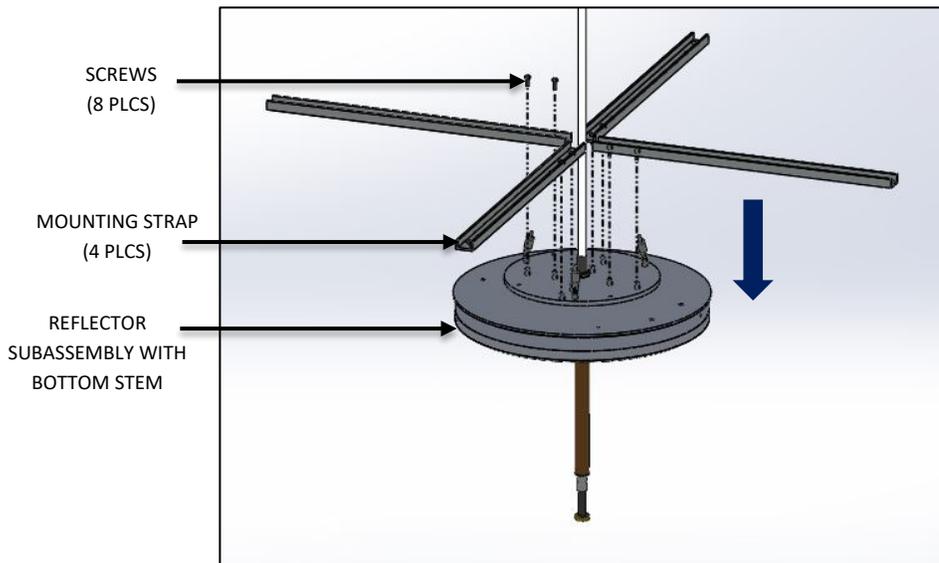


FIG. 14 – MOUNTING STRAP INSTALLATION

FB1\_FB2-P1EC-LED-INSTALLATION INSTRUCTIONS

- Loosen the CANOPY FINIAL and remove CANOPY as shown in FIG. 15. Be careful not to scratch finish, and Feed the AIRCRAFT CABLES (3) through the holes of MOUNTING BRACKET ASSEMBLY as shown in FIG. 16.

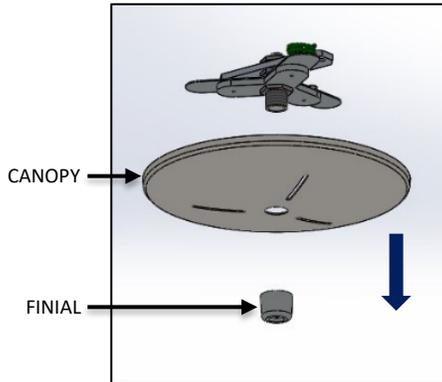


FIG. 15 – CANOPY DIS-ASSEMBLY

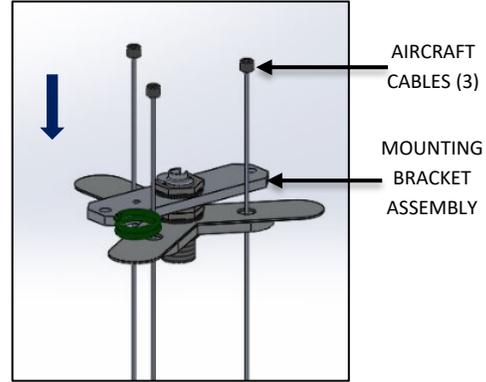


FIG. 16 – AIRCRAFT CABLE INSTALLATION

- Secure the MOUNTING BRACKET ASSEMBLY along with AIRCRAFT CABLES to the JUNCTION BOX (by others) as shown below in FIG. 17.
- Feed the remaining AIRCRAFT CABLES (3) from the MOUNTING BRACKET ASSEMBLY through the slots of the CANOPY. Loosely secure CANOPY to the ceiling by threading the FINIAL to the MOUNTING BRACKET ASSEMBLY as shown below in FIG. 18.

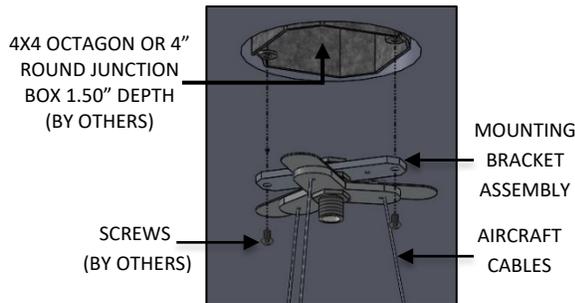


FIG. 17 – MOUNTING BRACKET ASSEMBLY

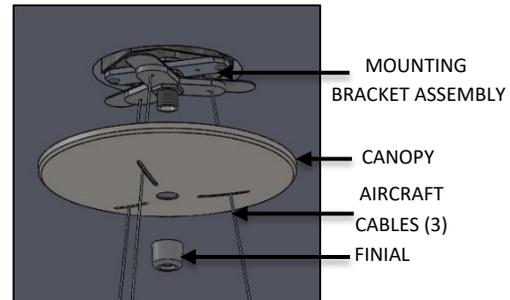


FIG. 18 – CANOPY INSTALLATION

- Raise the MOUNTING STRAP ASSEMBLY to AIRCRAFT CABLES and feed ALL THREE AIRCRAFT CABLE into the GRIPLOCK, press the plunger of the GRIPLOCK and insert the AIRCRAFT CABLE into the body of the GRIPLOCK as shown in FIG. 19.

**WARNING:**



**Do not let the MOUNTING STRAP ASSEMBLY hang free until ALL THE CABLES secured and evenly tensioned.**

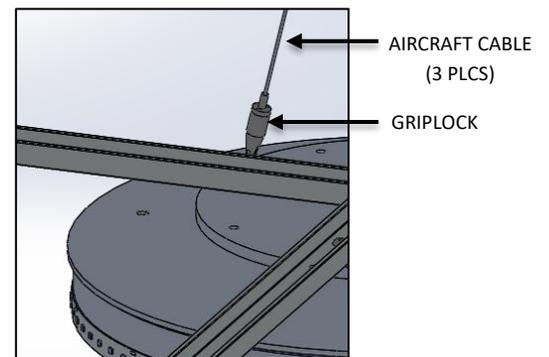


FIG. 19 – AIRCRAFT CABLE INSTALLATION

FB1\_FB2-P1EC-LED-INSTALLATION INSTRUCTIONS

- Once the MOUNTING STRAP ASSEMBLY is secured to the AIRCRAFT CABLE (3) at the GRIPLOCK (3) Unthread the FINIAL from the MOUNTING BRACKET ASSEMBLY and lower the CANOPY as shown below in FIG. 20.
- Feed POWER CORD through the center hole in the CANOPY and make secure connection by passing through the NIPPLE (available in mounting bracket assembly) as shown below in FIG. 21.

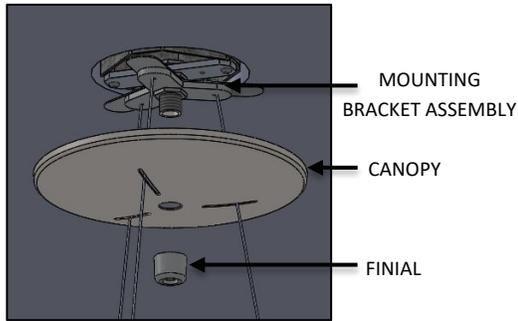


FIG. 20 – CANOPY DISASSEMBLY

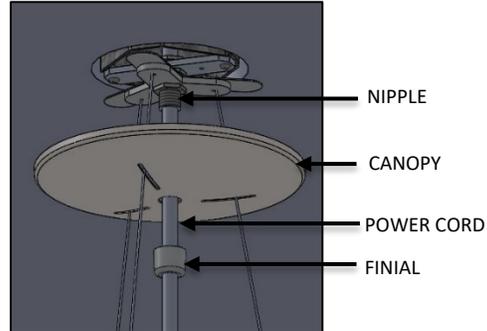
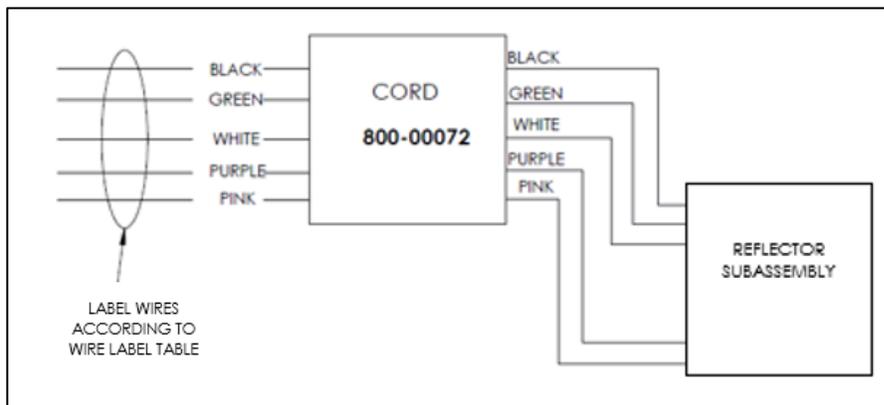


FIG. 21 – CORD INSTALLATION

- Make all wire connections in accordance with the National Electrical Code and all applicable Local and State codes inside the JUNCTION BOX (BY OTHERS). See WIRE DIAGRAM and WIRE LABEL TABLE below as shown in FIG. 22 & 23.

SERIES	HANGING SYSTEM	BODY SIZE	BODYLIGHT SOURCE	LED OUTPUT	CONTROL
1. FB1(FABRIC ROUND)	P1EC: PENDANT WITH 3 ANGLED AIRCRAFT CABLES AND A WHITE POWER CORD TO CANOPY	24"	STATIC WHITE	LED1	0-10V DIM 1% (DM1)
				LED2	
2. FB2(FABRIC SQUARE)		36"	STATIC WHITE	LED1	0-10V DIM 1% (DM1)
				LED2	
		48"	STATIC WHITE	LED1	0-10V DIM 1% (DM1)
				LED2	



SEE GENERAL NOTE 11 ON PAGE 1

FIG. 22 – WIRE DIAGRAM

CONTROL	WIRE COLOR	LABEL
ALL	BLACK	LINE VOLTAGE
ALL	WHITE	NEUTRAL
ALL	GREEN	GROUND
DM1	PURPLE	0-10V (+)
DM1	PINK	0-10V (-)

FIG. 23 – WIRE LABEL TABLE

FB1\_FB2-P1EC-LED-INSTALLATION INSTRUCTIONS

10. Raise CANOPY and secure to ceiling by threading the FINIAL to the NIPPLE (available in MOUNTING BRACKET ASSEMBLY) as shown below in FIG. 24.
11. Insert DIFFUSER into FABRIC SHADE by sliding in at an angle through the bottom (side with no brackets as shown in FIG.25). Be careful not to damage the fabric. DIFFUSER will rest on the frame of fabric shade.

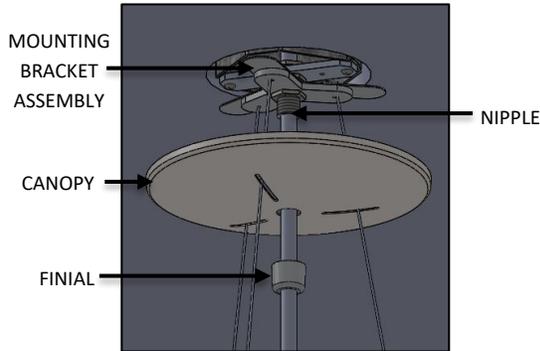


FIG. 24 – FINIAL INSTALLATION

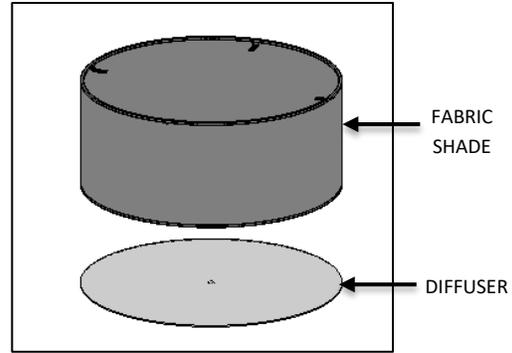


FIG. 25 – DIFFUSER INSTALLATION

12. Unscrew the BOTTOM FINIAL from BOTTOM STEM ASSEMBLY. Attach FABRIC and DIFFUSER to the MOUNTING STRAPS and secure with the SCREWS provided as shown in FIG. 26. Make sure the center stem is lined up with the hole in the DIFFUSER and attach to BOTTOM FINIAL as shown below in FIG. 27.

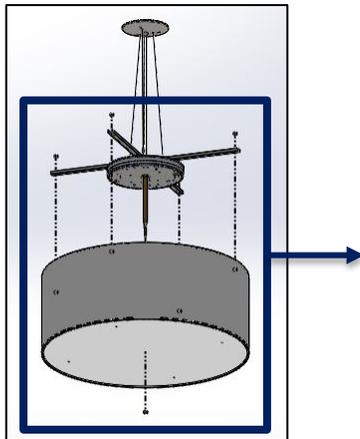


FIG. 26 – FABRIC SHADE AND DIFFUSER INSTALLATION

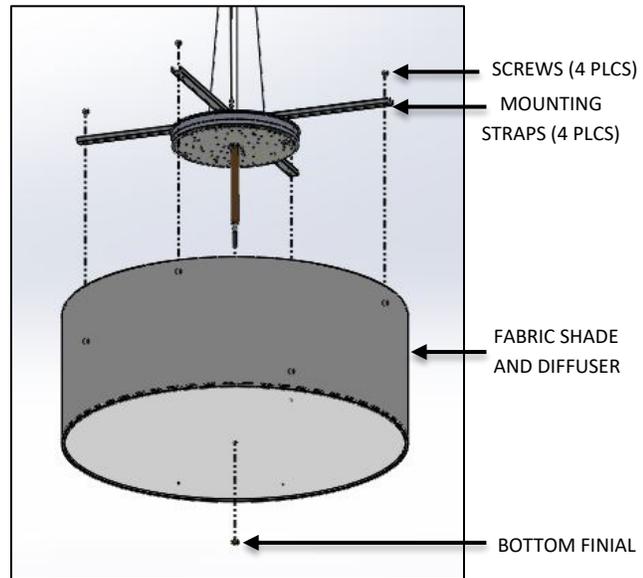


FIG. 27 – DETAIL SHOWING FABRIC SHADE AND DIFFUSER INSTALLATION

## FB1\_FB2-P1EC-LED-INSTALLATION INSTRUCTIONS

13. Restore power to circuit the FABRIC 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.

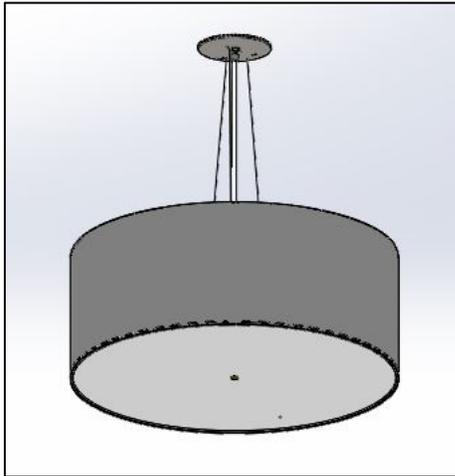


FIG. 28 - COMPLETED INSTALLATION OF FABRIC  
PENDANT WITH P1EC HANGING SYSTEM  
FB1-P1EC-XX-XX\_GW-XXX-LEDX\_XXK-UNV-XXX-DM~  
(SHOWN)

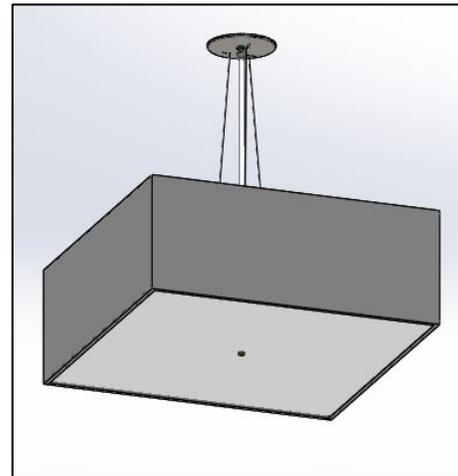


FIG. 29 - COMPLETED INSTALLATION OF FABRIC  
PENDANT WITH P1EC HANGING SYSTEM  
FB2-P1EC-XX-XX\_GW-XXX-LEDX\_XXK-UNV-XXX-DM~  
(SHOWN)