

INSTALLATION INSTRUCTIONS

MOBI PENDANT WITH P1EC HANGING SYSTEM

These Instructions cover the MOBI luminaire with the following options:

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE DIAGRAM
MB1: MOBI DIRECT ALL FIXTURE DIAMETERS	P1EC: PENDANT WITH 3 ANGLED AIRCRAFT CABLES AND A WHITE POWER CORD TO CANOPY	31"	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM ON PAGE 04
MB2: MOBI BIDIRECT FIXTURE DIAMETERS 46",63"		46" 63"			



FIG. 1- MB1-P1EC-X-XX-XXX-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. DUAL CIRCUITING IS STANDARD ON MULTI-BALLAST FIXTURES.
 -CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT. CONSULTER UNE ÉLECTRICIEN QUALIFIÉ POUR VOUS ASSURER QUE LES CONDUCTEURS DE LA DÉRIVATION SONT ADÉQUATS.
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. DO NOT LET THE CIRQUE LUMINAIRE HANG FREE UNTIL ALL THE CABLE IS SECURED AND EVENLY TENSIONED.
6. UPON RECEIPT OF THE FIXTURE, THOROUGHLY INSPECT FOR ANY FREIGHT DAMAGE. ANY DAMAGE SHOULD BE BROUGHT TO THE ATTENTION OF THE DELIVERY CARRIER.
7. 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.
8. WHEN ADDITIONAL INFORMATION IS DESIRED TO SATISFY A PROBLEM NOT COVERED SUFFICIENTLY FOR USER'S PURPOSE, PLEASE CONTACT YOUR NEAREST REPRESENTATIVE.
9. THESE INSTRUCTIONS COVER VARIOUS SIZES AND LAMPING OPTIONS. FIXTURE SHOWN IN INSTRUCTIONS MAY DIFFER FROM FIXTURE BEING INSTALLED. INSTALLATION STEPS ARE THE SAME HOWEVER.
10. 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

GENERAL INFORMATION:	3
ACOUSTIC INSTALLATION:	5
MOUNTING:	6
MOBI MOUNTING [CANOPY]:	6

MB1-P1EC-XX-LED-ACOSUTIC-INSTALLATION INSTRUCTIONS

GENERAL INFORMATION:

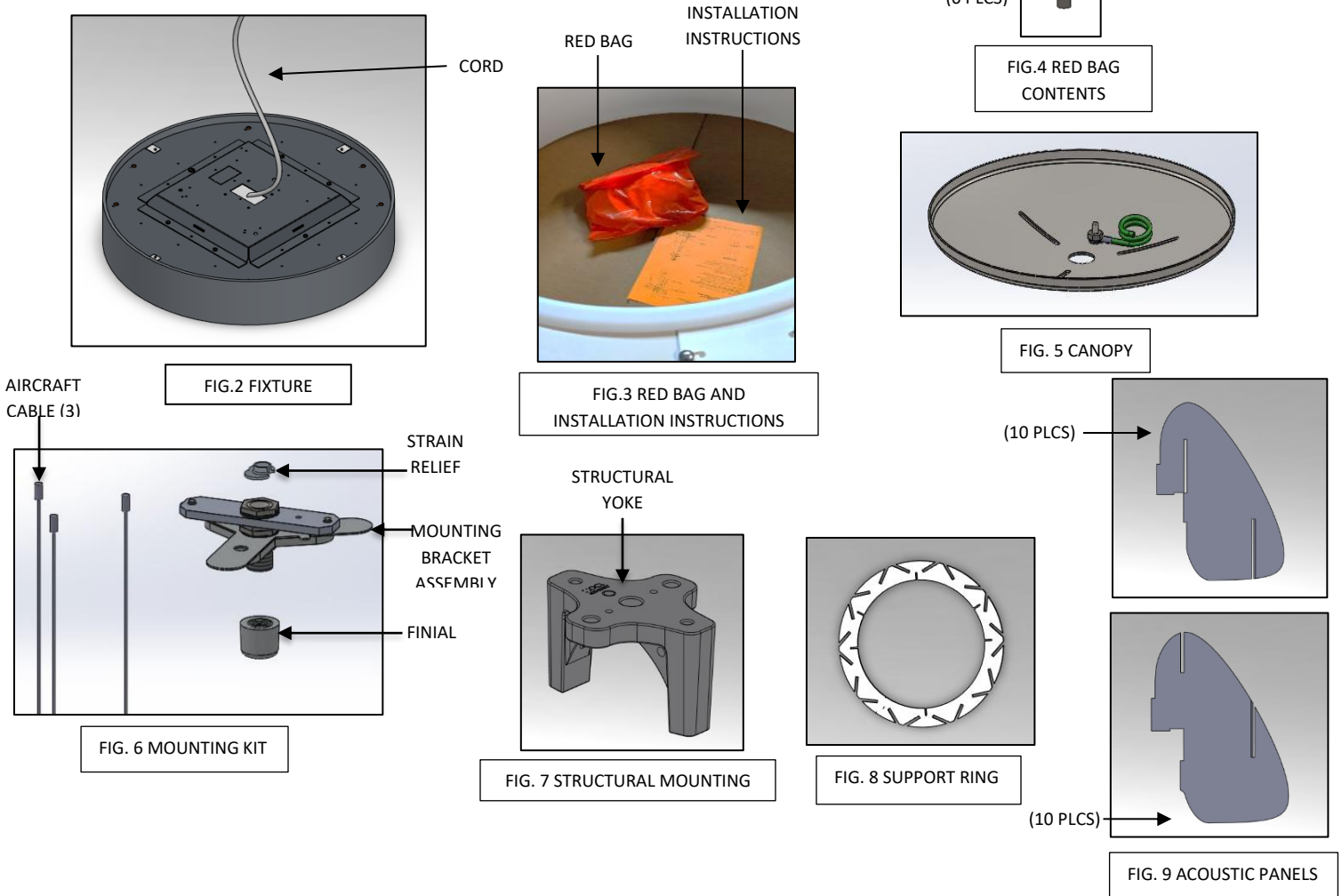
You will receive the following with each MOBI series pendant fixture:

1. FIXTURE. (Pre-assembled with reflector and cord 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. SCREWS. (as shown in FIG. 4)
 - b. CANOPY. (as shown in FIG. 5)
 - c. MOUNTING KIT CONTENTS (as shown on FIG. 6)
 - i. THREE (3) AIRCRAFT CABLES
 - ii. MOUNTING BRACKET ASSEMBLY
 - iii. FINIAL
 - iv. STRAIN RELIEF
 - v. STRUCTURAL YOKE (For fixtures exceeding 55lbs)
4. SUPPORT RING (shown in FIG. 7)
5. ACOUSTIC PANELS (shown in FIG. 8)

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.



OCL Architectural Lighting

Phone: 314.863.1895

Fax: 314.863.3278

www.ocl.com

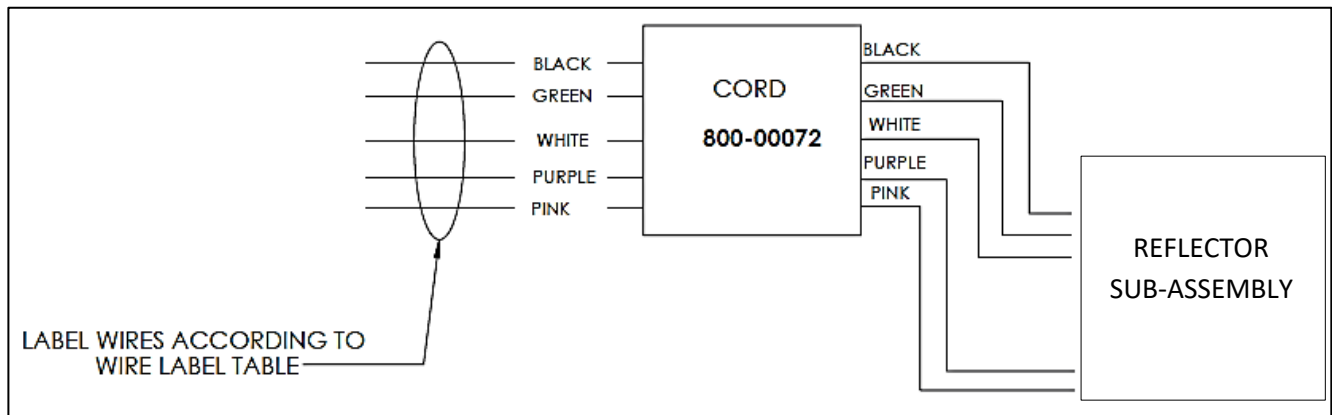
MB1-P1EC-XX-LED-ACOSUTIC-INSTALLATION INSTRUCTIONS

1. 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. 10 & 11).

SERIES	HANGING SYSTEM	BODY SIZE	BODYLIGHT SOURCE	LED OUTPUT	CONTROL	WIRE DIAGRAM
MB1: MOBI DIRECT ALL FIXTURE DIAMETERS	P1EC: PENDANT WITH 3 ANGLED AIRCRAFT CABLES AND A WHITE POWER CORD TO CANOPY	31"	STATIC WHITE	LED1	0-10V DIM 1% (DM1)	WIRE DIAGRAM ON PAGE 04
				LED2		
				LED3		
MB2: MOBI BIDIRECT FIXTURE DIAMETERS 46", 63"		46"	STATIC WHITE	LED1	0-10V DIM 1% (DM1)	
				LED2		
				LED3		
		63"	STATIC WHITE	LED1	0-10V DIM 1% (DM1)	
				LED2		
				LED3		

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

FIG. 10 – WIRE LABEL TABLE



SEE GENERAL NOTE 10 ON PAGE 1

FIG. 11 – WIRE DIAGRAM

OCL Architectural Lighting

Phone: 314.863.1895

Fax: 314.863.3278

www.oclighting.com

MB1-P1EC-XX-LED-ACOSUTIC-INSTALLATION INSTRUCTIONS

ACOUSTIC INSTALLATION:

1. Take the two different acoustic panel shapes and slide them together until they are fully aligned (as shown in Fig. 12). Make sure the bottoms of the panels are securely interlocked. Once all the panels are properly connected, group them into pairs and connect the back ends until all ten pairs are joined, forming a complete circle (as shown below in FIG. 13).
2. Once all the panels are connected, grab the support ring and place it on top of the acoustic panels. Then slide the ring down into position, adjusting everything as needed to ensure a proper fit (as shown below in FIG. 14).
3. Once all panels are placed onto the support ring, the next step is to align the cutout on the inner ring with the hanging system holes of the fixture. After alignment, carefully place the panels' bottom lip onto the cirque lighting fixture, ensuring a secure and proper fit (as shown below in FIG. 15).

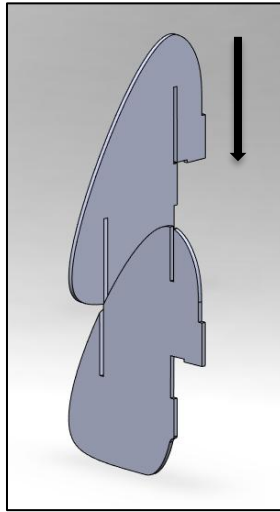


FIG. 12 – ACOSUTIC PANEL ALIGNMENT

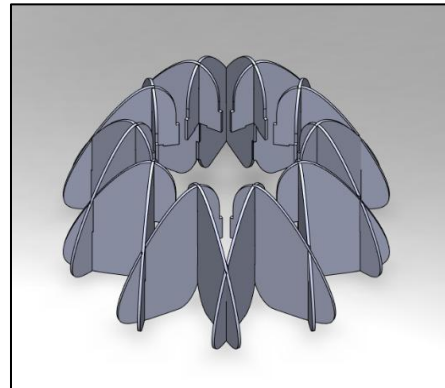


FIG. 13– SUPPORT RING/ACOSUTIC PANEL CONNECTION

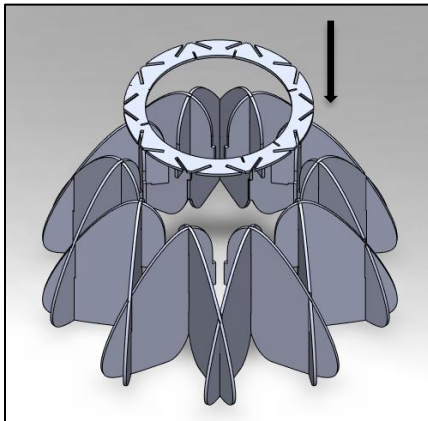


FIG. 14 – SUPPORT RING/ACOSUTIC PANEL CONNECTION

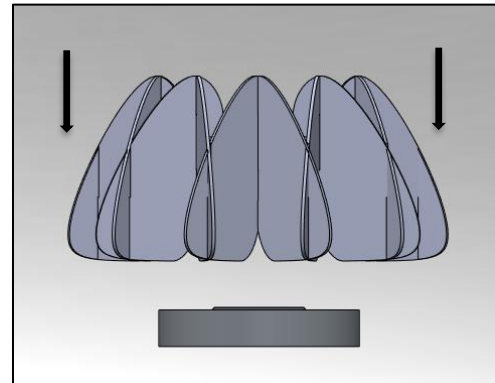


FIG. 15 – ACOUSTIC PANELS INSTALLATION

OCL Architectural Lighting

Phone: 314.863.1895
 Fax: 314.863.3278

www.ocl.com

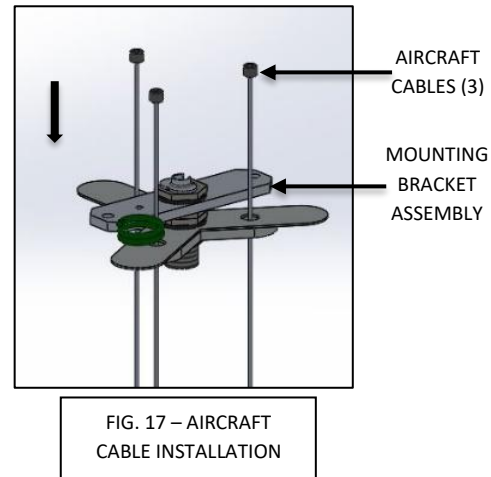
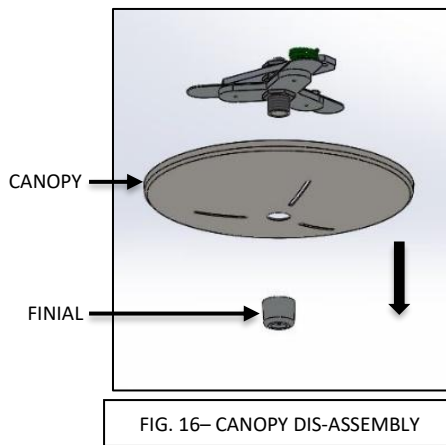
MB1-P1EC-XX-LED-ACOSUTIC-INSTALLATION INSTRUCTIONS

MOUNTING:

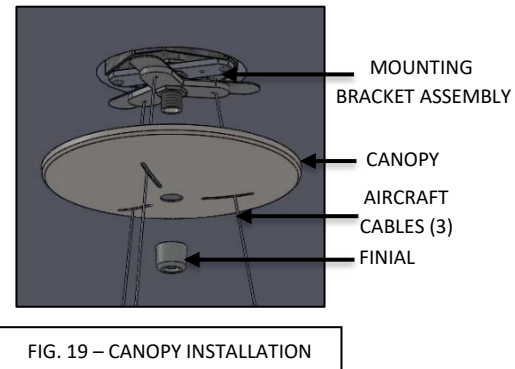
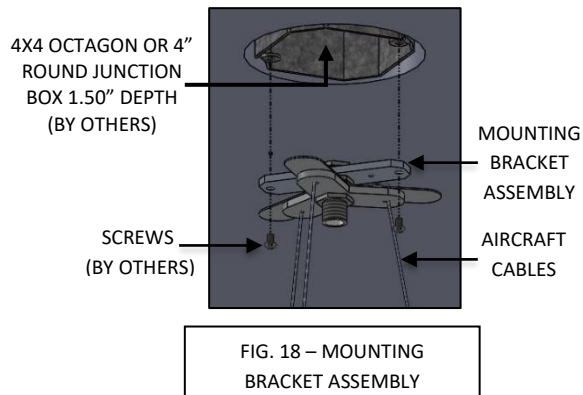
SERIES	FIXTURE DIAMETER	FIXTURE WEIGHT	MOUNTING POINT	MIN/MAX OAH
MB1 (MOBI DIRECT) ALL FIXTURE DIAMETERS	31"	26LBS	1	10"/144"
MB2 (MOBI BIDIRECT) FIXTURE DIAMETERS 46", 63"	46"	421LBS	1	11.125"/144"
	63"	75LBS	1	14.50"/144"

MOBI MOUNTING [CANOPY]:

- Loosen the CANOPY FINIAL and remove CANOPY (as shown in FIG. 16). Be careful not to scratch finish and Feed the AIRCRAFT CABLES (3) through the holes of MOUNTING BRACKET ASSEMBLY (as shown in FIG. 17).



- Secure the MOUNTING BRACKET ASSEMBLY along with AIRCRAFT CABLES to the JUNCTION BOX (by others) as shown below (in FIG. 18).
- 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. 19.



OCL Architectural Lighting

Phone: 314.863.1895

Fax: 314.863.3278

www.ocl.com

MB1-P1EC-XX-LED-ACOSUTIC-INSTALLATION INSTRUCTIONS

7. Structural mounting is required for fixtures exceeding 55 lbs. (e.g., a 48" Cirque fixture weighing 70 lbs.). A structural yoke and a special mounting bracket assembly will be provided. The structural yoke shall be mounted to the mounting bracket assembly. Any additional components or modifications required to accommodate the larger fixture when using the P1EC system shall be provided by others.
8. Install the assembly in the same manner as the standard P1EC hanging system described in Steps 3 and 4. The structural yoke must be securely fastened to the final mounting bracket and mounted through the junction box, as illustrated in the figure below.

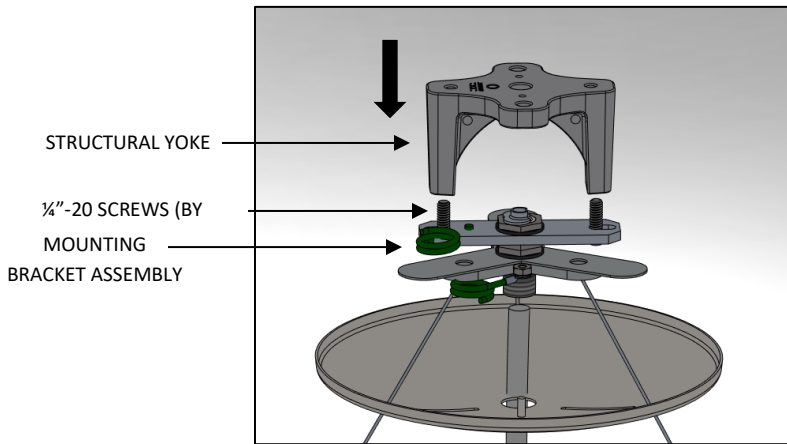


FIG. 14 – STRUCTURAL YOKE
INSTALLATION

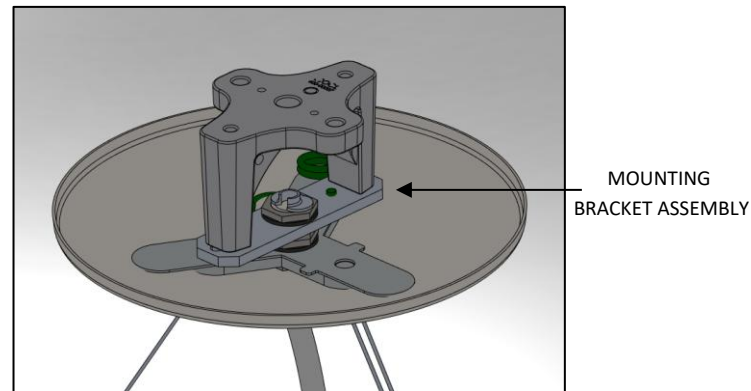


FIG. 15 – STRUCTURAL CANOPY

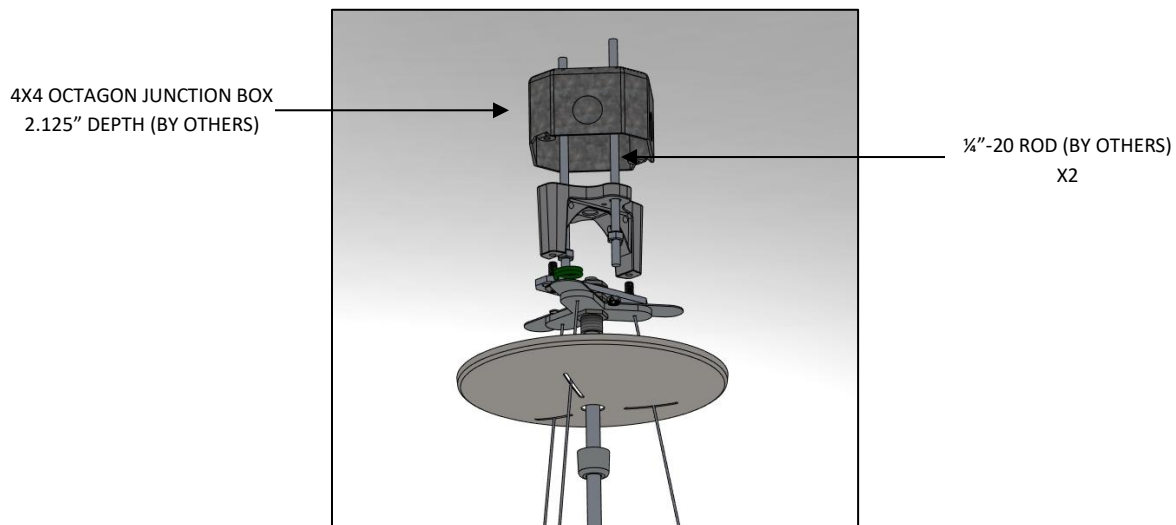


FIG. 16 – STRUCTURAL CANOPY
INSTALLATION

OCL Architectural Lighting

Phone: 314.863.1895

Fax: 314.863.3278

www.ocl.com

MB1-P1EC-XX-LED-ACOSUTIC-INSTALLATION INSTRUCTIONS

9. If the DIFFUSER needs to be removed (note that it comes pre-installed on the fixture), rotate the lens until it stops, and remove it from the FIXTURE. To reinstall it, align the DIFFUSER TABS with the corresponding slots and rotate the DIFFUSER until it locks into place (as shown below in FIG. 23).

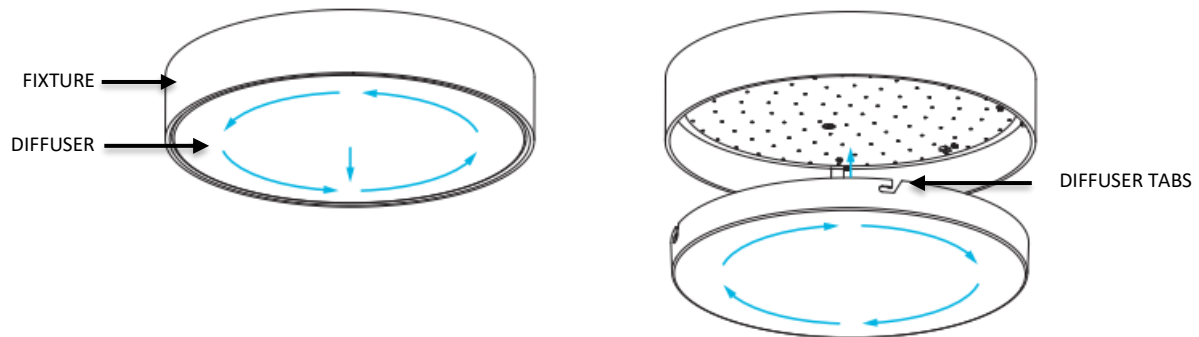


FIG. 23 – DIFFUSER LENS REMOVAL/ INSTALLATION

10. Raise the MOBI fixture with multiple people and feed ALL THREE AIRCRAFT CABLE into the GRIPLOCK, press the plunger of the GRIPLOCK and insert the AIRCRAFT CABLE at least 1.75" into the body of the GRIPLOCK (as shown in FIG. 24).



WARNING:

Do not let the MOBI ASSEMBLY hang free until ALL THE CABLES are secured and evenly tensioned.

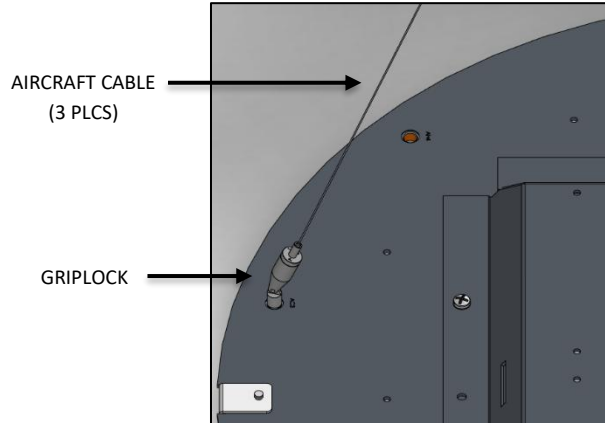


FIG. 24 – AIRCRAFT CABLE INSTALLATION

OCL Architectural Lighting

Phone: 314.863.1895

Fax: 314.863.3278

www.ocl.com

MB1-P1EC-XX-LED-ACOSUTIC-INSTALLATION INSTRUCTIONS

11. Once the CRIQUE 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. 25).
12. 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. 26.
13. Crimp STRAIN RELIEF onto CORD (as shown in FIG.27) below and install it above the MOUNTING BRACKET. Then adjust the CORD to the desired position.

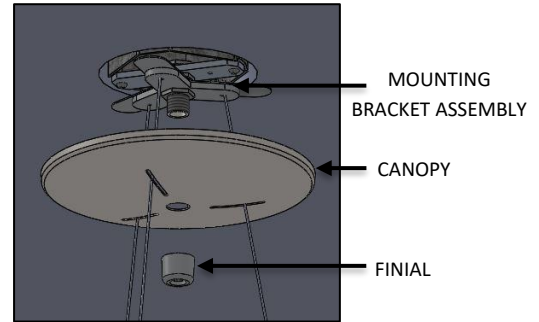


FIG. 25 – CANOPY DISASSEMBLY

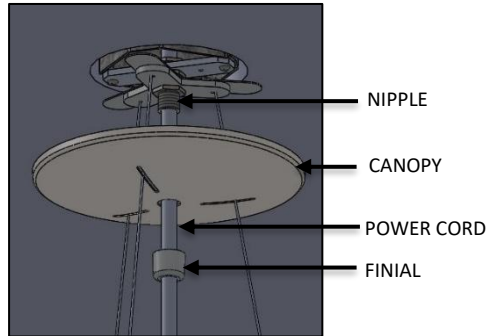


FIG. 26 – CORD INSTALLATION

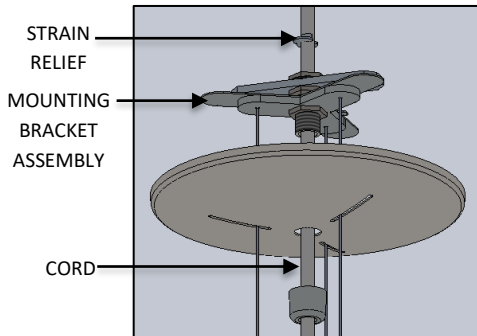
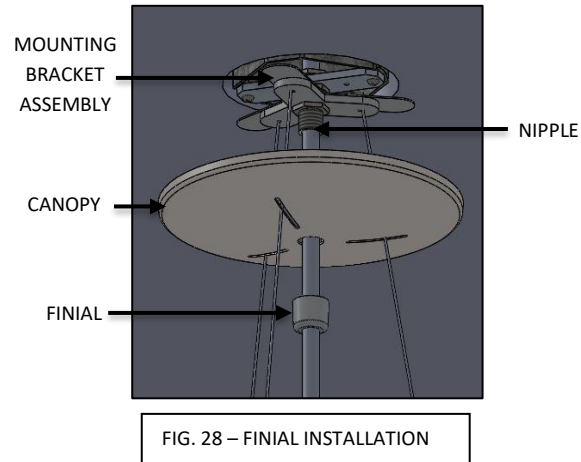


FIG. 27 – STRAIN RELIEF INSTALLATION

MB1-P1EC-XX-LED-ACOSUTIC-INSTALLATION INSTRUCTIONS

14. Raise CANOPY and secure the ceiling by threading the FINIAL to the NIPPLE (available in MOUNTING BRACKET ASSEMBLY) as shown below in FIG. 28.



15. Restore power to circuit the MOBI 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.

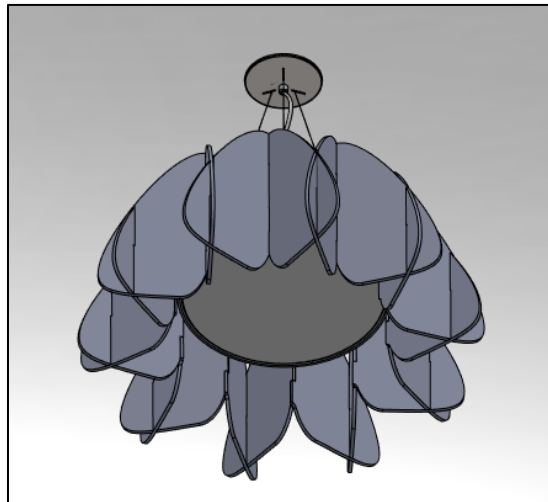


FIG. 29 – MB1-P1EC-X-XX-XXX-XXX-LEDX_XXK-UNV-XX-DM1

OCL Architectural Lighting

Phone: 314.863.1895

Fax: 314.863.3278

www.ocl.com