

INSTALLATION INSTRUCTIONS

LOOP PENDANT WITH P1EM HANGING SYSTEM

These instructions cover the LOOP luminaire with the following options:

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE DIAGRAM
1. LO1(LOOP) 2. LO2(LOOP W/ METAL OUTER SHROUD)	P1EM: PENDANT WITH 4 VERTICAL AIRCRAFT CABLES TO 4 SEPARATE MOUNTING POINTS & POWER CORD TO CANOPY	14	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON PAGE 7
		24	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON PAGE 7
		36	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON PAGE 7
		48	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON PAGE 7
		72	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON PAGE 7

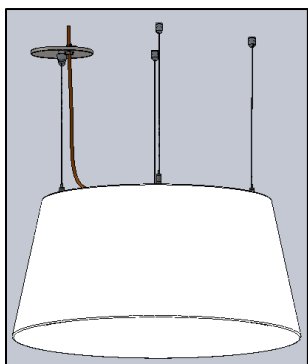


FIG. 1 - LO1-P1EM-XX-MW-XXX-LEDX_XXK-XXX-XX-DM~ (SHOWN)

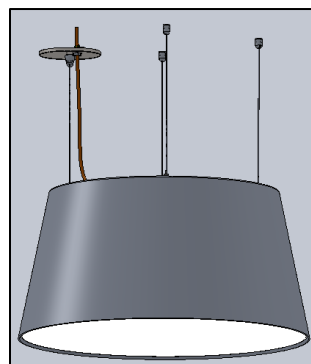


FIG. 2 – LO2-P1EM-XX-MW-XXX-LEDX_XXK-XXX-XX-DM~ (SHOWN)

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. DO NOT LET THE LOOP LUMINAIRE HANG FREE UNTIL BOTH THE AIRCRAFT CABLES ARE SECURED AND EVENLY TENSIONED.

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Sensitivity: Internal & Restricted

Table of Contents

GENERAL INFORMATION:	3
MOUNTING:	4
LOOP MOUNTING [HARD CEILING]:	5
LOOP MOUNTING [GRID CEILING]:	5
LOOP MOUNTING [NON-POWERED POINT AIRCRAFT CABLE]:	5
REV MOUNTING [CANOPY]:	6

GENERAL INFORMATION:

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

1. LOOP LUMINAIRE. (Pre-assembled as shown in FIG. 3)
2. INSTALLATION INSTRUCTIONS (shown in FIG. 4) - Please completely read the install instructions before starting installation.
3. RED BAG (shown in FIG. 4)
 - a. CANOPY (shown in FIG. 5)
 - b. MOUNTING KIT (as shown in FIG. 6)
 - i. FOUR (4) AIRCRAFT CABLES
 - ii. STRAIN RELIEF
 - iii. THREAD ROD
 - iv. MOUNTING BRACKET
 - v. THREE (3) CEILING COUPLER (CC)
 - vi. SLIP RING COUPLER (SRC)

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.

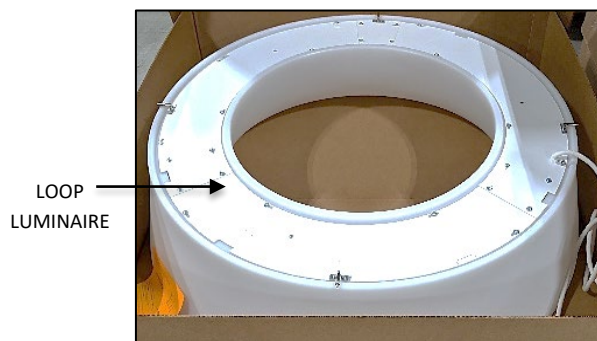


FIG.3 LOOP LUMINAIRE (PRE-ASSEMBLED)

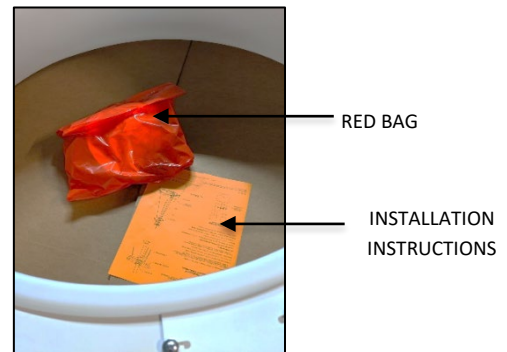


FIG.4 RED BAG AND
INSTALLATION INSTRUCTIONS



FIG. 5 MOUNTING KIT & CANOPY

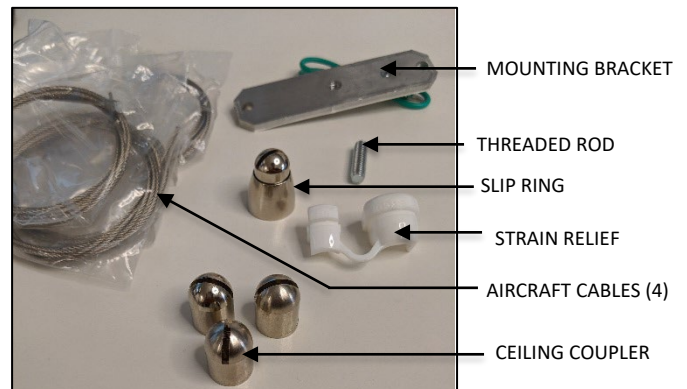


FIG. 6 MOUNTING KIT CONTENTS

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MOUNTING:

1. Mark location for the J-BOX MOUNTING POINT according to the MOUNTING INFORMATION TABLE and FIG. 7.

MOUNTING INFORMATION TABLE						
SERIES	FIXTURE DIAMETER	FIXTURE WEIGHT	MOUNTING DISTANCE DIM A	MOUNTING CIRCLE DIM B	MOUNTING POINT	MIN/MAX OAH
 LO1 (LOOP)  LO2 (LOOP W/ METAL OUTER SHROUD)	14"	10LBS	3.625"	7.25"	4	18"/144"
	24"	15LBS	7.875"	15.75"	4	18"/144"
	36"	20LBS	14.375"	28.75"	4	18"/144"
	48"	35LBS	20.375"	40.75"	4	18"/144"
	72"	45LBS	32.375"	65.75"	4	18"/144"

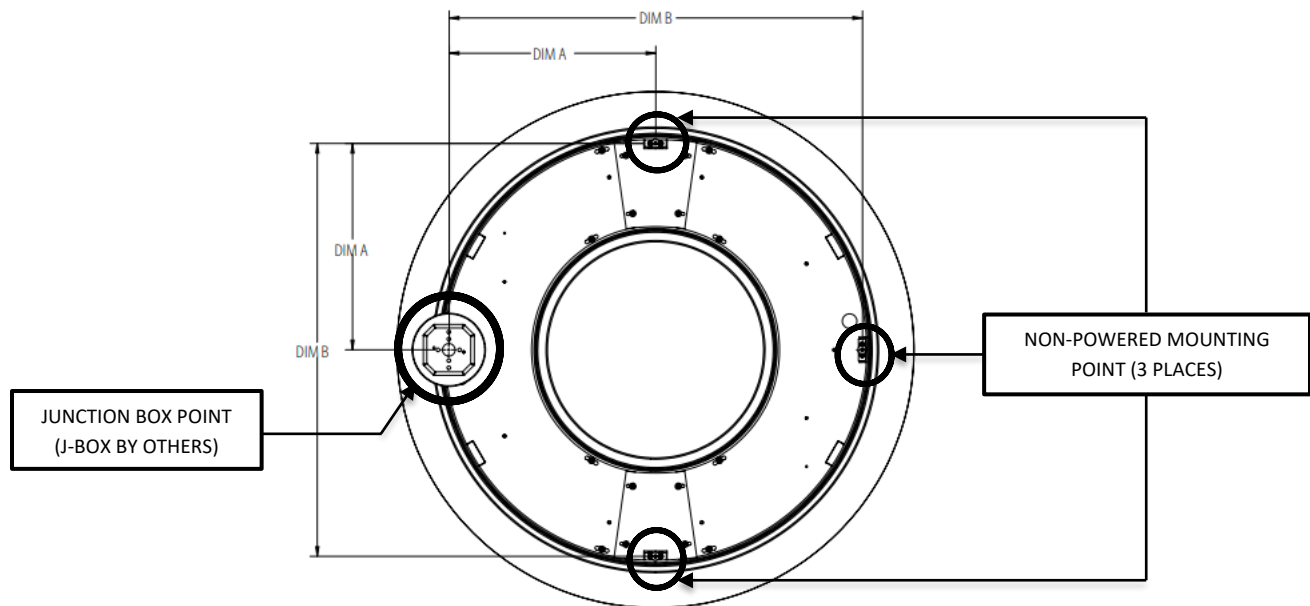


FIG. 7 - TOP VIEW SHOWING MOUNTING INFORMATION

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2. Dis-assemble the CEILING COUPLER into two components CC-BASE and CC-HOLDER as shown in FIG. 8.

For LOOP MOUNTING [HARD CEILING] see steps 3 and 4,
For LOOP MOUNTING [GRID CEILING] see steps 5 and 6.

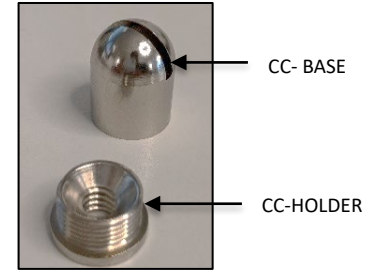


FIG. 8 - CEILING COUPLER ASSEMBLY

LOOP MOUNTING [HARD CEILING]:

3. For hard ceiling install #8 FLAT HEAD ANCHOR (by others) into ceiling at the non-powered mounting location as per the mounting information chart (page 4).

WARNING: Anchors (by others) must be rated to 50lbs each and suitable for ceiling material at the non-powered mounting location.

4. Install the CC-BASE to the #8 FLAT HEAD ANCHOR (by others) previously installed at the non-powered mounting location and secure with the #8 FLAT HEAD ANCHOR SCREW (by others) as shown in FIG. 9.

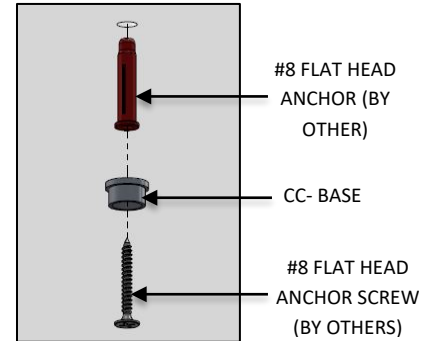


FIG. 9- HARD CEILING INSTALLATION

LOOP MOUNTING [GRID CEILING]:

5. For grid ceiling install 1/4-20 ROD (by others) at the non-powered mounting location as per the mounting information chart (page 4). 1/4-20 ROD should protrude past the bottom of the ceiling surface 0.375".

WARNING: Make sure each threaded rod is mounted to structural member rated to at least 50lbs.

6. Add a light thread locking compound to the 1/4-20 ROD (by others). Then thread CC-BASE to 1/4-20 ROD protruding through the ceiling material as shown in FIG. 10.

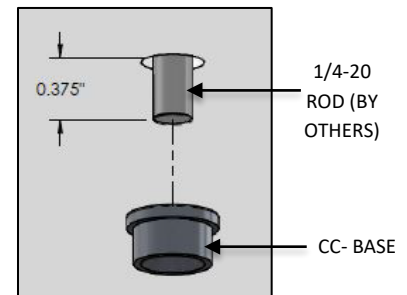


FIG. 10 – GRID CEILING INSTALLATION

LOOP MOUNTING [NON-POWERED POINT AIRCRAFT CABLE]:

7. Locate the AIRCRAFT CABLES from the mounting kit. Only three (3) will be used in this step.
8. Feed the AIRCRAFT CABLES through the three (3) CC-HOLDER. Once the AIRCRAFT CABLE is fed thru the CC-HOLDER, secure to the CC-BASE (mounted) at the three (3) non powered mounting locations as shown in FIG. 11.

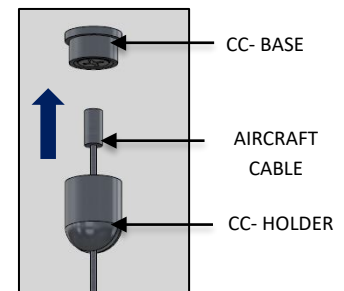


FIG. 11 – AIRCRAFT CABLE INSTALLATION

LOOP MOUNTING [CANOPY]:

9. Dis-assemble the SLIP RING COUPLER (1) as shown below in FIG.12 into three components SRC-BASE, SRC-HOLDER and SRC-FINIAL.
10. Screw the THREAD ROD into the top of the SRC-BASE until fully seated. Then assemble the THREADED ROD/ SRC-BASE into the center hole of the MOUNTING BRACKET until SRC-BASE is fully seated against MOUNTING BRACKET as shown below in FIG. 13.

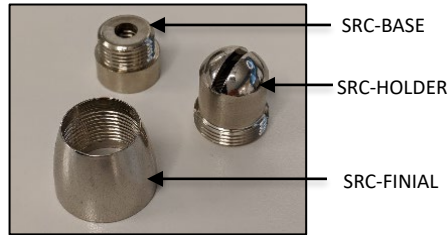


FIG. 12 – SLIP RING COUPLER (1)
CONTENTS

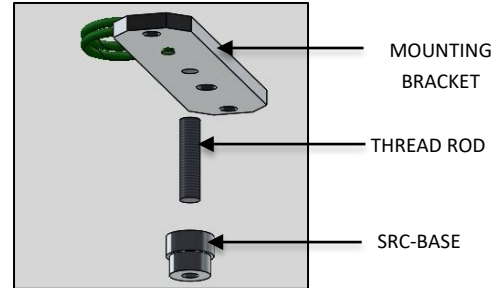


FIG. 13 – THREAD ROD INSTALLATION

11. Feed the remaining AIRCRAFT CABLE through the SRC-HOLDER. Then assemble the SRC-HOLDER with AIRCRAFT CABLE to the SRC-BASE on the MOUNTING BRACKET ASSEMBLY. Secure the MOUNTING BRACKET ASSEMBLY to the JUNCTION BOX (by others) as shown below in FIG. 14.
12. Feed the AIRCRAFT CABLE from the MOUNTING BRACKET ASSEMBLY through the center hole of the CANOPY and SRC-FINIAL. Loosely secure CANOPY to the ceiling by threading the SRC-FINIAL to the MOUNTING BRACKET ASSEMBLY as shown below in FIG. 15.

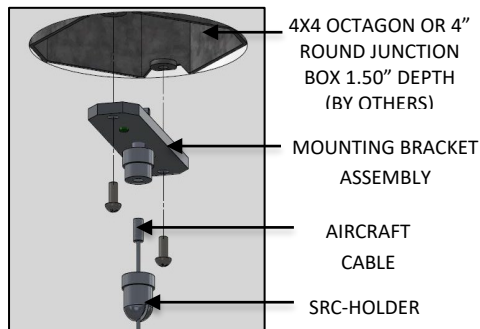


FIG. 14 – MOUNTING BRACKET

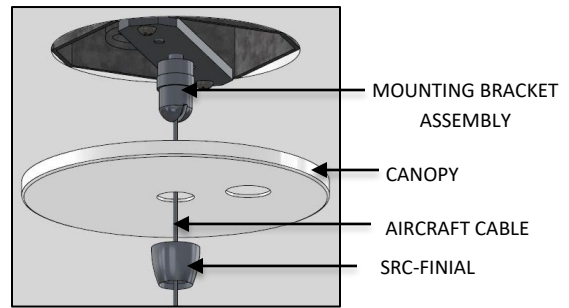


FIG. 15 – CANOPY INSTALLATION

13. Locate the LOOP LUMINAIRE and with multiple people raise up LOOP LUMINAIRE to AIRCRAFT CABLES. when raising up the LOOP LUMINAIRE orientate as shown below so the GRIPLOCK closet to the power cord has the AIRCRAFT CABLE from JUNCTION BOX POINT, refer to LOOP MOUNTING step 1 for location.



FIG. 16 – GRIP LOCK ORIENTATION

WARNING:



1. Do not let the LOOP LUMINAIRE hang free until both the AIRCRAFT CABLES are secured and evenly tensioned.

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14. To feed 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. 17.
- Each AIRCRAFT CABLE must pass at least 1" beyond the body of the GRIPLOCK. When cutting off excess cable always leave at least 1" of cable showing.
 - Cables may be cut using purpose-built cutters such as Felco C7. Cable will not fray unless passed repeatedly through the Gripper mechanism or otherwise abused.
 - To prevent fraying of freshly cut ends, re-solder or apply a drop of super-glue.

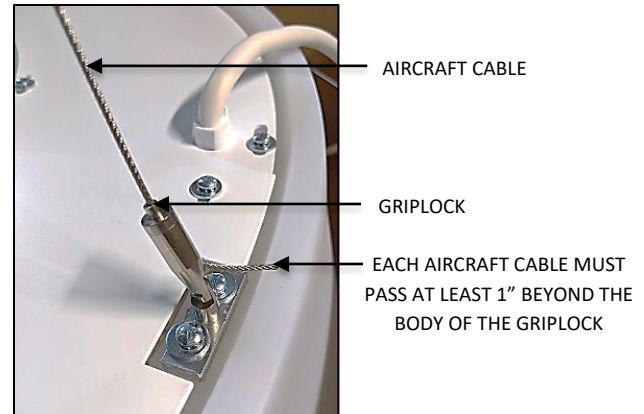


FIG. 17 – AIRCRAFT CABLE INSTALLATION

15. Once the LOOP BODY is secured to the AIRCRAFT CABLE (4) at the GRIPLOCK (4) Unthread the SRC-FINIAL from the MOUNTING BRACKET ASSEMBLY and lower the CANOPY as shown below in FIG. 18.
16. Feed POWER CORD through the 2ND IN THE CANOPY and secure at desired length by using the STRAIN RELIEF provided as shown below in FIG. 19.

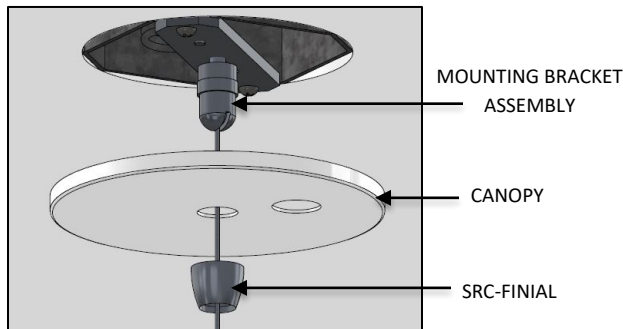


FIG. 18 – CANOPY DISASSEMBLY

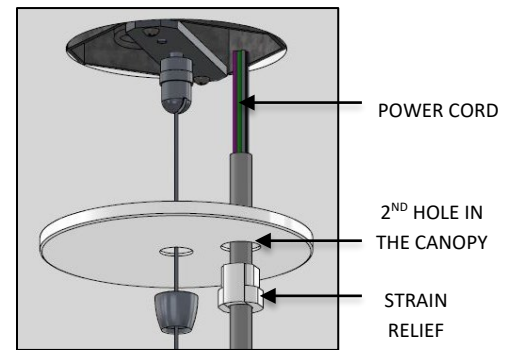


FIG. 19 – CORD INSTALLATION

17. See WIRE DIAGRAM as shown below in FIG. 20 and WIRE LABEL TABLE below for wire connections. Strip outer sheathing of cord no less than 0.75" above strain relief to reveal individual conductors and make all wire connections in accordance with the national electrical code and all applicable local and state codes.

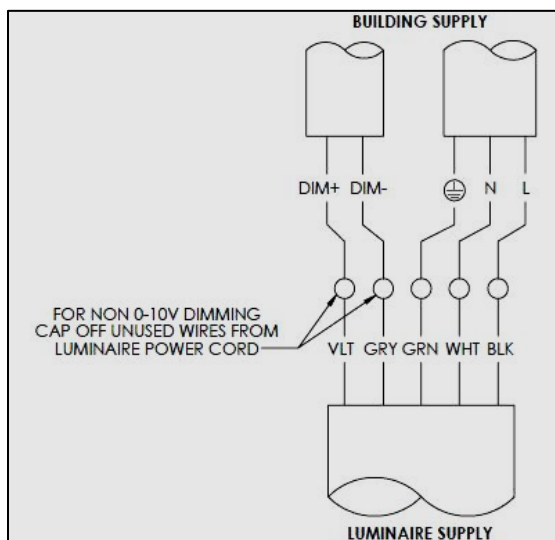


FIG. 20 – WIRE DIAGRAM FOR ALL MODELS

WIRE LABEL TABLE

WIRE COLOR	LABEL
BLACK	LINE VOLTAGE
WHITE	NEUTRAL
GREEN	GROUND
DM1 DIMMING OPTION:	
PURPLE (VLT)	0-10V DIMMING (+)
GREY	0-10V DIMMING (-)
DM3 DIMMING OPTION:	
PURPLE (VLT)	E1
GREY	E2

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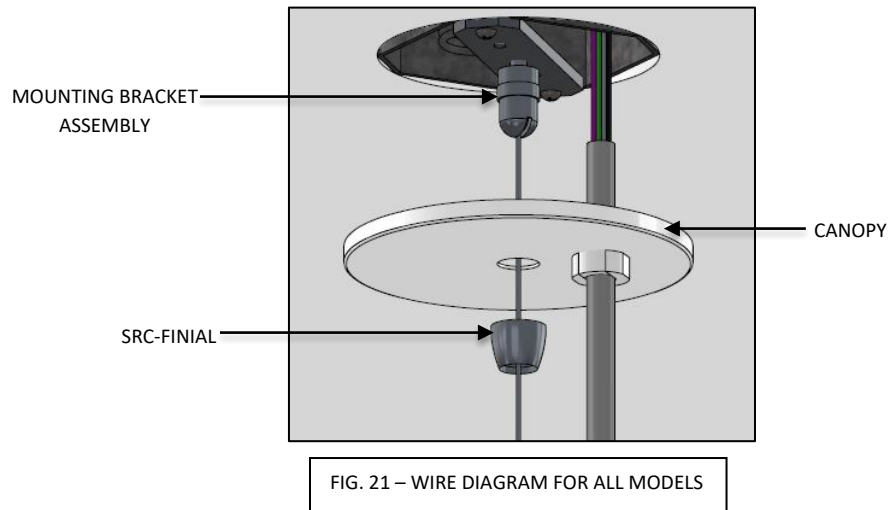
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18. Raise CANOPY and secure to ceiling by threading the SRC-FINIAL to the MOUNTING BRACKET ASSEMBLY as shown below in FIG. 21.



19. Restore power to circuit the LOOP 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.

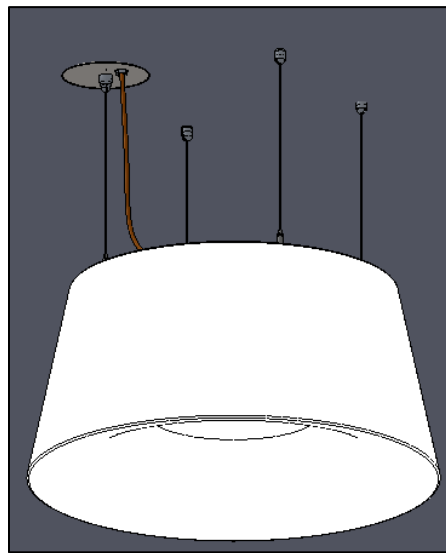


FIG. 22 - COMPLETED INSTALLATION OF LOOP
PENDANT WITH P1EM HANGING SYSTEM
LO1 (LOOP) (SHOWN)

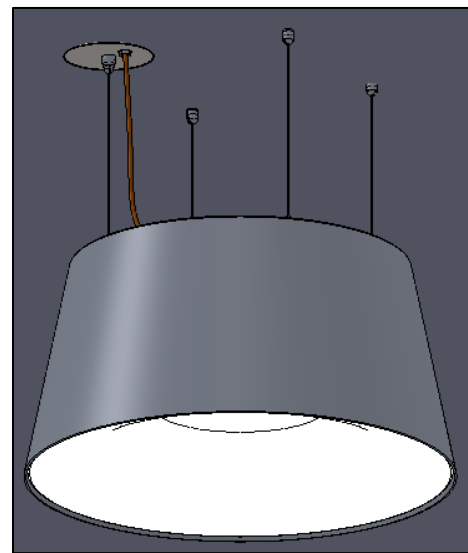


FIG. 23 - COMPLETED INSTALLATION OF LOOP
PENDANT WITH P1EM HANGING SYSTEM
LO2 (LOOP W/ METAL OUTER SHROUD) (SHOWN)