

## INSTALLATION INSTRUCTIONS

### REV PENDANT WITH P1DB HANGING SYSTEM

These instructions cover the REVOLUTION LUMINAIRE with the following options:

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE DIAGRAM
1. RV1(INNER ILLUMINATION)  2. RV2(OUTER ILLUMINATION)	P1DB: PENDANT WITH ANGLED AIRCRAFT CABLES AND POWER CORD TO CANOPY WITH INTEGRAL DRIVER; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS)	24"	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON SHEET 5
		36"	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON SHEET 5
		48"	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM B ON SHEET 6
		60"	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM B ON SHEET 6
		72"	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM B ON SHEET 6

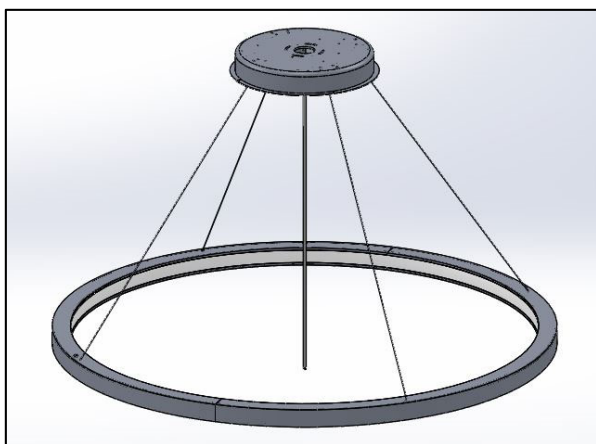


FIG. 1 - RV1-P1DB-XX-MW-XXX-LEDX\_XXK-UNV-XXX-DM1-XXX  
(INNER ILLUMINATION SHOWN)

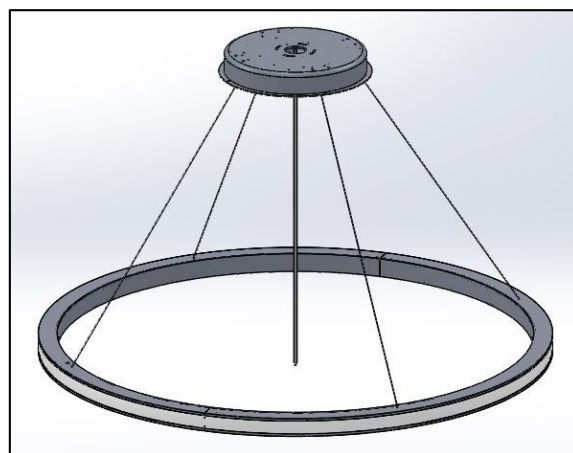


FIG. 2 – RV2-P1DB-XX-MW-XXX-LEDX\_XXK-UNV-XXX-DM1-XXX  
(OUTER ILLUMINATION SHOWN)

#### 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. REMOTE MOUNTING DRIVERS – OCL RECOMMENDS: MAX 30' (WIRE LENGTH) DISTANCE FROM FIXTURE FOR NON-DIMMING AND DM1. MAX 10' (WIRE LENGTH) REMOTE DISTANCE FOR LUTRON. ENCLOSURE SHOULD REMAIN ACCESSIBLE AFTER 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 REV LUMINAIRE HANG FREE UNTIL ALL THE AIRCRAFT CABLES ARE SECURED AND EVENLY TENSIONED.
7. KEEP HANDS AWAY FROM THE SILICON DIFFUSER. DO NOT TOUCH IT AT ALL TIMES.

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## RV1\_RV2-P1DB-XX-STATICWHITE-INSTALL-INSTRUCTIONS

### GENERAL INFORMATION:

You will receive the following with each REV P1DB series pendant fixture:

1. REV 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) contains below following items.
  - a. CANOPY WITH DRIVER INSTALLED (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.**

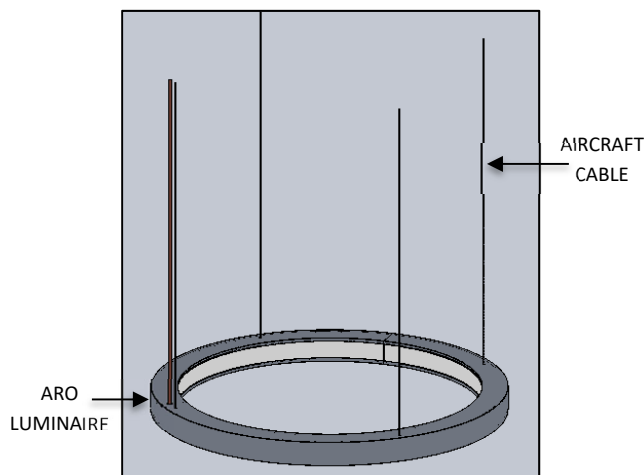


FIG. 3 - REV LUMINAIRE  
(PRE-ASSEMBLED)

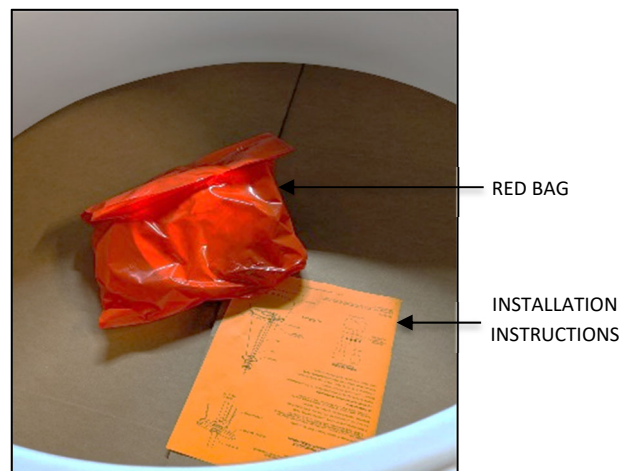


FIG. 3 RED BAG AND INSTALLATION  
INSTRUCTIONS

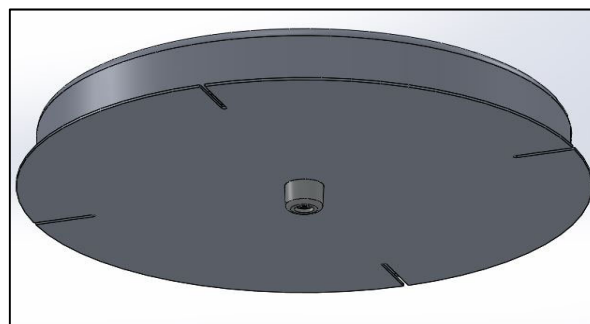
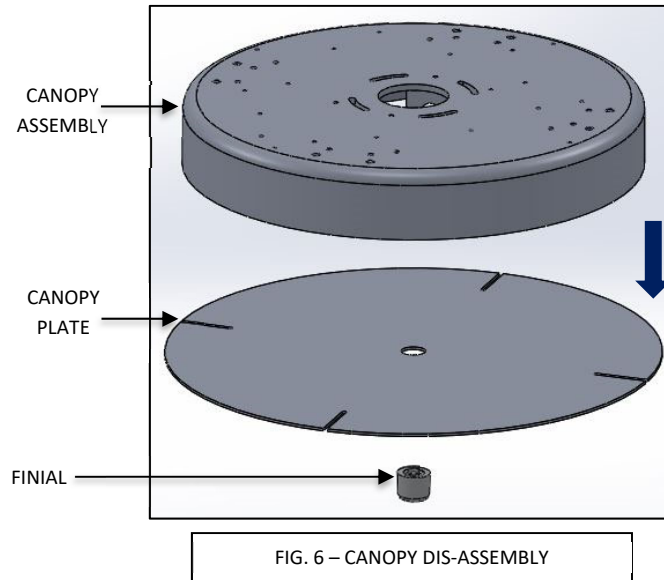


FIG. 5 - CANOPY

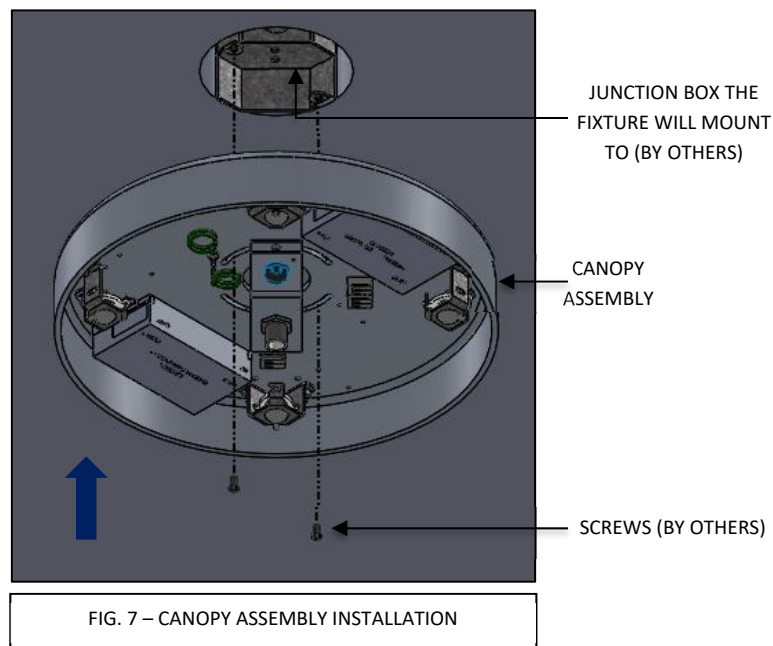
**MOUNTING:**

**REV MOUNTING [CANOPY]:**

1. Dis-assemble the FINIAL and the CANOPY PLATE from the CANOPY ASSEMBLY as shown in FIG. 6 below.



2. Assemble the CANOPY ASSEMBLY to the JUNCTION BOX (by others) with screws (by others) at the center of the non-powered mounting points as shown in FIG. 7 below.



## RV1\_RV2-P1DB-XX-STATICWHITE-INSTALL-INSTRUCTIONS

- Connect building supply wires to the driver. Make all wire connections in accordance with the national electrical code and all applicable local and state codes. Refer WIRE DIAGRAM TABLE for corresponding WIRE DIAGRAM connections.

WIRE DIAGRAM TABLE						
SERIES	HANGING SYSTEM	BODY SIZE	LIGHT SOURCE	LED OUTPUT	CONTROL	WIRE DIAGRAM
1. RV1 (INNER ILLUMINATION)	P1DB	24"	STATIC WHITE	LED1&LED2	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON SHEET 5
	P1DB	36"	STATIC WHITE	LED1&LED2	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON SHEET 5
2. RV2 (OUTER ILLUMINATION)	P1DB	48"	STATIC WHITE	LED1&LED2	0-10V DIM 1% (DM1)	WIRE DIAGRAM B ON SHEET 6
	P1DB	60"	STATIC WHITE	LED1&LED2	0-10V DIM 1% (DM1)	WIRE DIAGRAM B ON SHEET 6
	P1DB	72"	STATIC WHITE	LED1&LED2	0-10V DIM 1% (DM1)	WIRE DIAGRAM B ON SHEET 6

### WIRE DIAGRAM A (FOR 24" & 36"):

- Connect building supply wires to the driver as per connections shown in FIG. 8.
- Connect the Fixture Cord wires as per WIRE LABEL TABLE as shown in FIG. 9 and refer WIRE DIAGRAM as shown in FIG. 10 below for exact wire connections.

**DRIVER WIRES TO BUILDING SUPPLY**

BLACK WIRE = LINE VOLTAGE  
 WHITE WIRE = NEUTRAL  
 GREEN WIRE = GROUND  
 PURPLE = DIM +  
 GREY = DIM -

FIG. 8 – WIRE CONNECTION FROM BUILDING SUPPLY TO DRIVER

WIRE LABEL TABLE		
CONTROL	WIRE	LABEL
ALL	INSULATED WIRE	LED +
ALL	BRAIDED WIRE	LED -

FIG. 9 – WIRE CONNECTION FROM DRIVER TO FIXTURE CORD

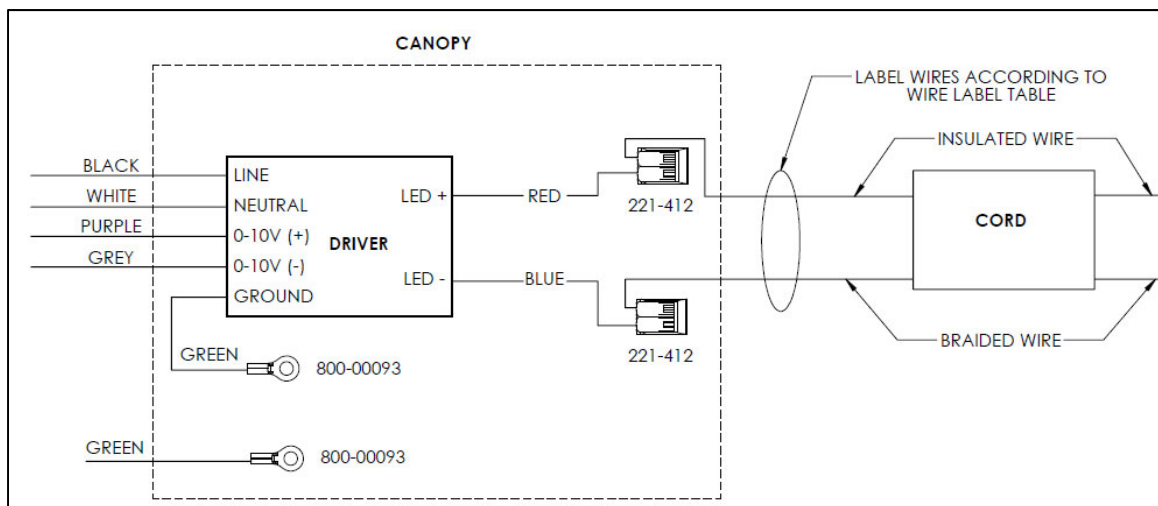


FIG. 10 – WIRE DIAGRAM FOR 24" & 36" MODELS

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## RV1\_RV2-P1DB-XX-STATICWHITE-INSTALL-INSTRUCTIONS

**WIRE DIAGRAM B (FOR 48", 60" & 72"):**

1. Connect building supply wires to the driver as per connections shown in FIG. 11.
2. Connect the Fixture Cord wires as per WIRE LABEL TABLE as shown in FIG. 12 and refer WIRE DIAGRAM as shown in FIG. 13 below for exact wire connections.

**DRIVER WIRES TO BUILDING SUPPLY**

BLACK WIRE = LINE VOLTAGE  
 WHITE WIRE = NEUTRAL  
 GREEN WIRE = GROUND  
 PURPLE = DIM +  
 GREY = DIM -

FIG. 11 – WIRE CONNECTION FROM BUILDING SUPPLY TO DRIVER

WIRE LABEL TABLE		
CONTROL	WIRE COLOR	LABEL
ALL	WHITE	DRIVER 1 LED +
ALL	BLACK	DRIVER 1 LED -
ALL	PURPLE	DRIVER 2 LED +
ALL	GREY	DRIVER 2 LED -

FIG. 12 – WIRE CONNECTION FROM DRIVER TO FIXTURE CORD

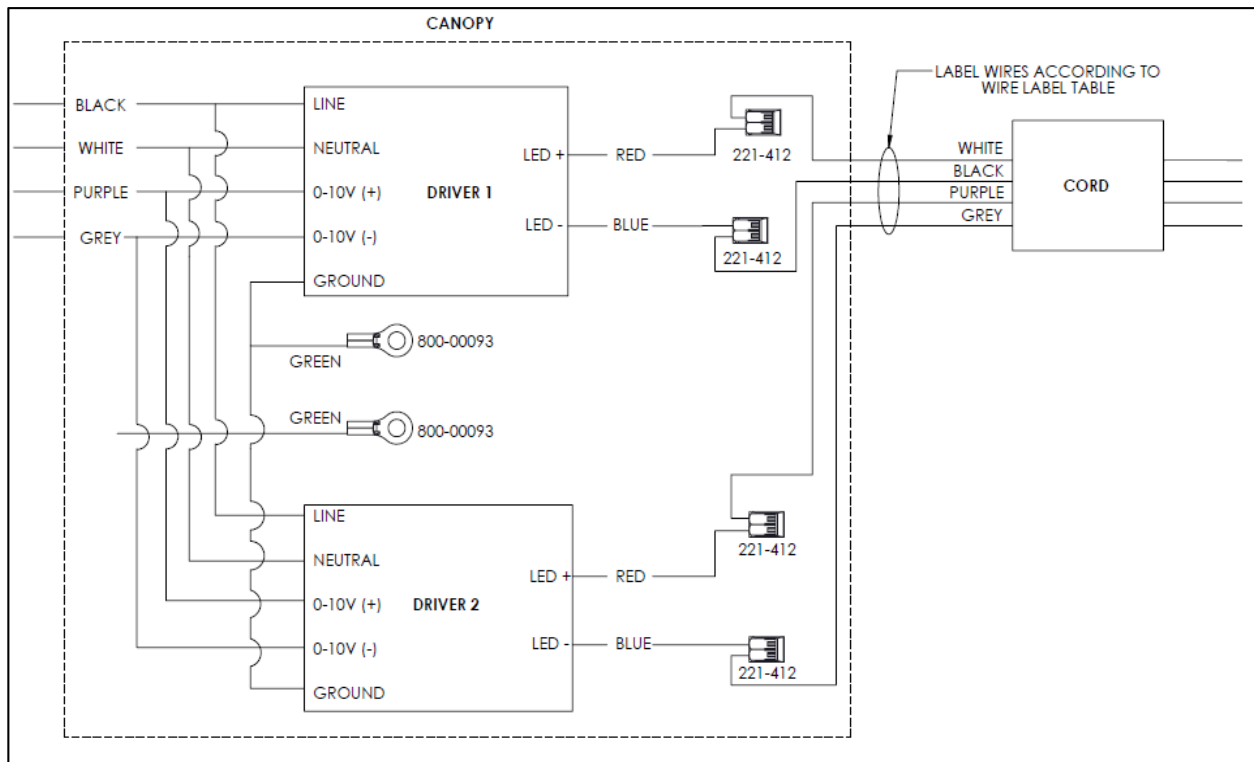


FIG. 13 – WIRE DIAGRAM FOR 48", 60" & 72" MODELS

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## RV1\_RV2-P1DB-XX-STATICWHITE-INSTALL-INSTRUCTIONS

4. Pass the FINIAL and the CANOPY PLATE through the CORD as shown in FIG. 14 below.

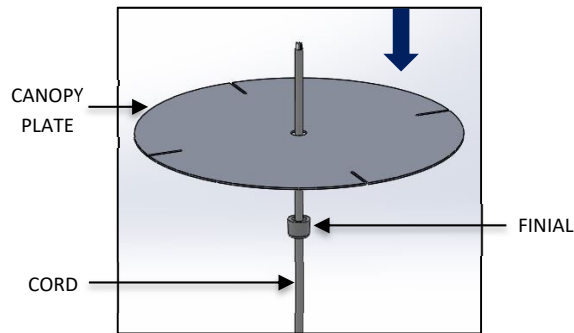


FIG. 14 – CANOPY PLATE AND FINIAL INSTALLATION

5. Raise the REVOLUTION LUMINAIRE up, with multiple people, to the ceiling and feed the AIRCRAFT CABLE through the GRIPLOCK and CORD through NIPPLE which is available in MOUNTING BRACKET ASSEMBLY. Adjust the AIRCRAFT CABLE to the desired length as shown in FIG. 15 & 16 below.

**NOTE:** Make sure to trim the excess of AIRCRAFT CABLE, leaving at least 1.75" past the GRIPLOCK for the GRIPLOCK to function properly. Make sure that the aircraft cable is taped up above the GRIPLOCK, so there is no chance of anything shortage.

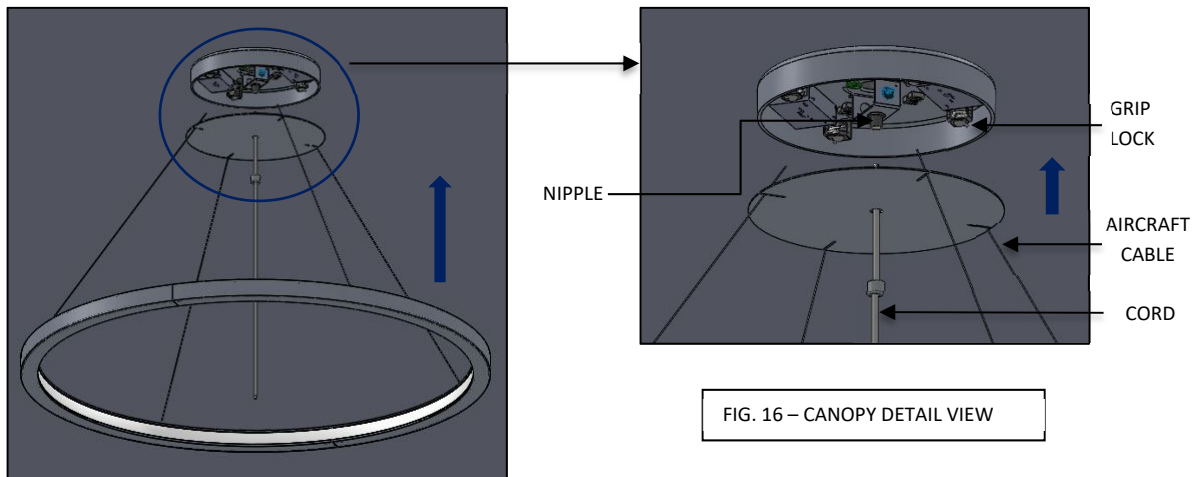


FIG. 15 - INSTALLATION VIEW

FIG. 16 – CANOPY DETAIL VIEW

**WARNING:**


1. Do not let the REV LUMINAIRE hang free until all the AIRCRAFT CABLES are secured and evenly tensioned.
2. Keep hands away from the SILICON DIFFUSER. Do NOT touch it at all times.

6. Make all CORD connections inside the CANOPY in accordance with the national electrical code and all applicable local and state codes. Refer WIRE DIAGRAM TABLE on sheet 5 for corresponding WIRE DIAGRAM connections. See instructions on how to shorten/install the cord on sheet 9.

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## RV1\_RV2-P1DB-XX-STATICWHITE-INSTALL-INSTRUCTIONS

7. Raise CANOPY PLATE and secure to ceiling by threading the FINIAL until fully seated as shown in FIG. 17.

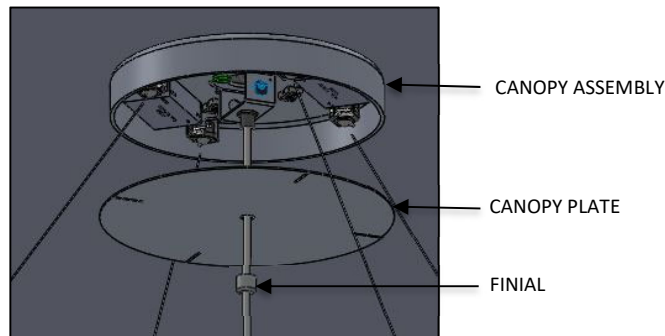


FIG. 17 - FINIAL INSTALLATION

8. Restore power to circuit the Revolution 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.

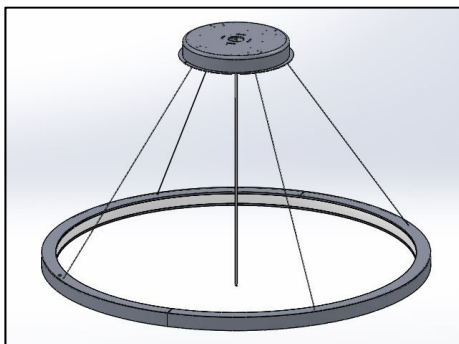


FIG. 18 - COMPLETED INSTALLATION OF REV PENDANT WITH P1DB HANGING SYSTEM RV1 (INNER ILLUMINATION SHOWN)

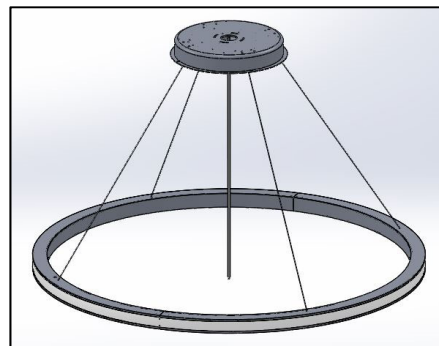


FIG. 19 - COMPLETED INSTALLATION OF REV PENDANT WITH P1DB HANGING SYSTEM RV2 (OUTER ILLUMINATION SHOWN)

9. If there is option for Acoustic Panel, place the Acoustic part above the fixture body such that it is eventually balanced and assembly concentrically to the axis of fixture body as shown in FIG. 20 and 21 below for both RV1 and RV2 Series.

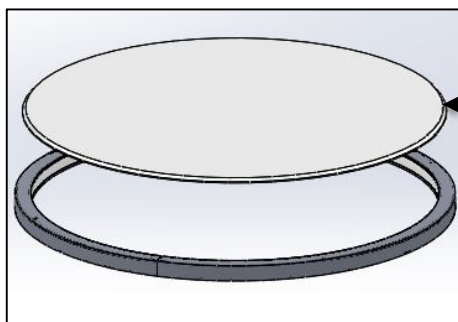


FIG. 20 - RV1 (INNER ILLUMINATION) (WITH ACOUSTIC PANEL SHOWN)

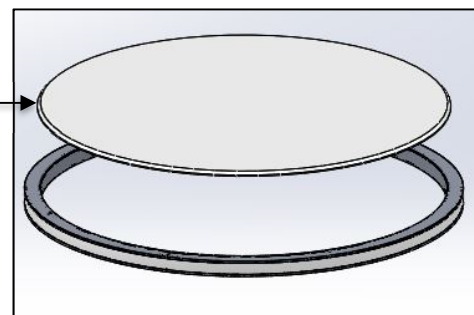
ACOUSTIC  
PANEL


FIG. 21 - RV2 (OUTER ILLUMINATION) (WITH ACOUSTIC PANEL SHOWN)



# CORD INSTALLATION INSTRUCTIONS (ONLY FOR 24" & 36" FIXTURES)

1. Strip off 1.00" of outer clear insulation exposing the outer metal braiding as shown in FIG. 22 below. **Be careful not to cut or damage the outer metal braiding.** Gently push braiding down to loosen the individual braids exposing the inner insulated wire as shown in FIG. 23 below.

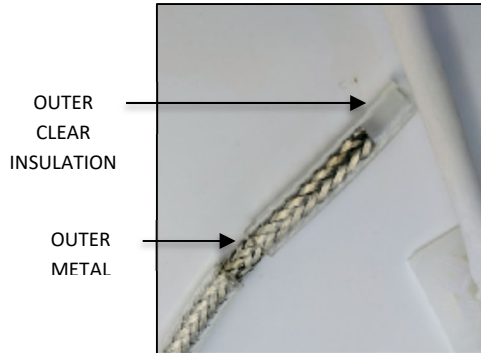


FIG. 22

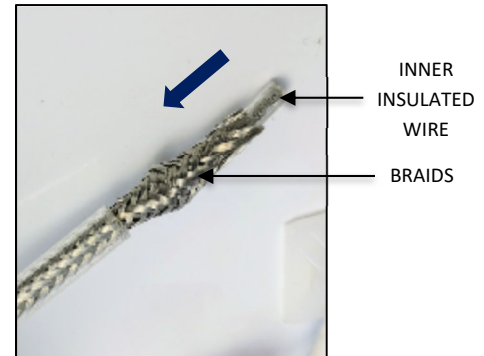


FIG. 23

2. Using a small pointed object, begin unweaving the exposed metal braiding as shown in FIG. 24 below. Position the unwoven metal strands on one side of the inner insulated wire and twist the individual strands together as shown in FIG. 25 below.

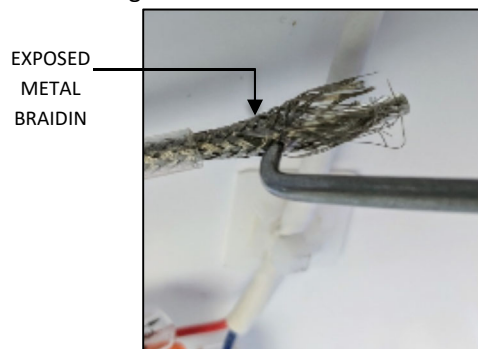


FIG. 24

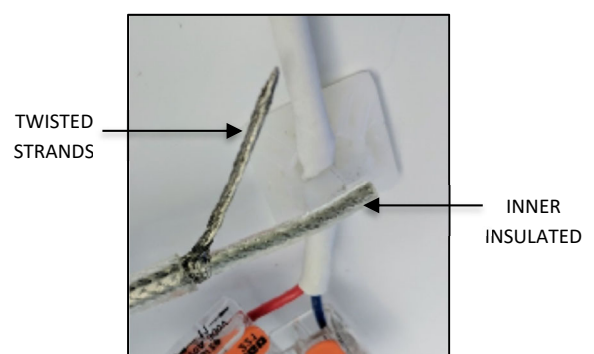


FIG. 25

3. Using electrical tape, insulate the twisted strands leaving 0.188" exposed for connections. Strip off 0.188" of the inner insulation as you normally would for 18AWG stranded core wire as shown in FIG. 26 below. Connect the inner insulated wire (+) to the positive 16 gauge or larger wire ran in step 5 at the hanging bracket and Connect the outer braiding (-) to the negative 16 gauge or larger wire ran in step 5 at the hanging bracket FIG. 27 below.

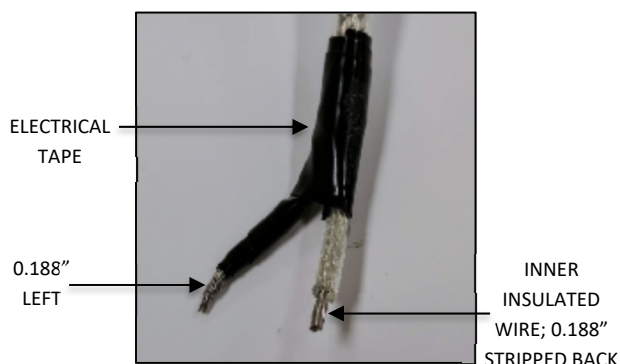


FIG. 26

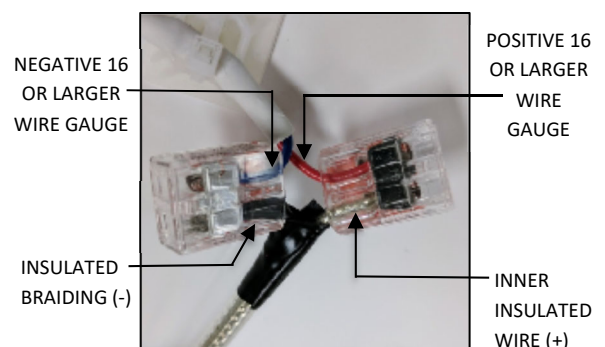


FIG. 27

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