

INSTALLATION INSTRUCTIONS REV PENDANT WITH P1DA HANGING SYSTEM

These instructions cover the REV luminaire with the following options:

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE DIAGRAM
1. RV1(INNER ILLUMINATION) 2. RV2(OUTER ILLUMINATION)	P1DA: PENDANT WITH VERTICAL AIRCRAFT CABLES TO SEPARATE MOUNTING POINTS 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 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 B ON PAGE 8
		60	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM B ON PAGE 8
		72	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM B ON PAGE 8

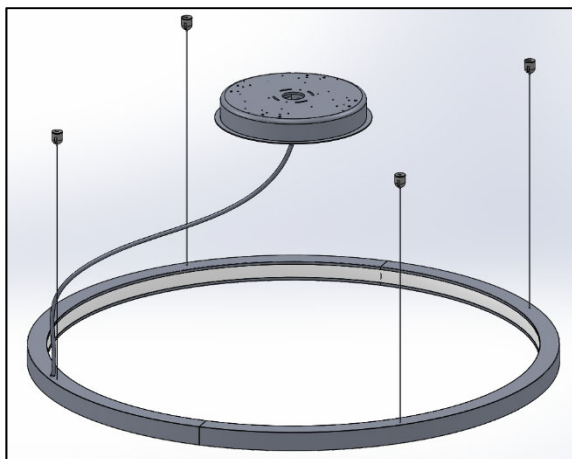


FIG. 1 - RV1-P1DA-XX-MW-XXX-LEDX_XXK-UNV-XXX-DM1-XXX
(INNER ILLUMINATION SHOWN)

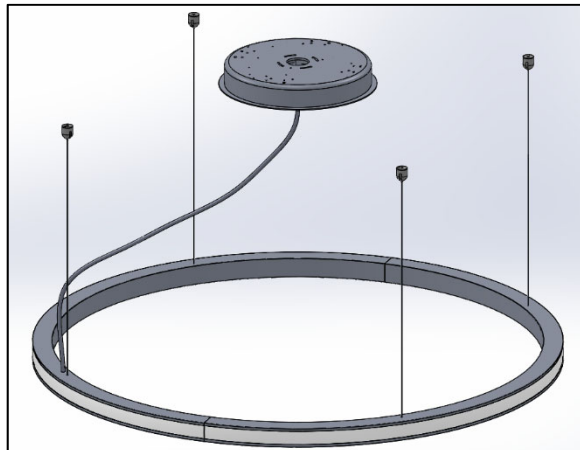


FIG. 2 - RV2-P1DA-XX-MW-XXX-LEDX_XXK-UNV-XXX-DM1-XXX
(OUTER ILLUMINATION SHOWN)

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 VIODED.
6. DO NOT LET THE REV LUMINAIRE HANG FREE UNTIL BOTH THE AIRCRAFT CABLES ARE SECURED AND EVENLY TENSIONED.
7. KEEP HANDS AWAY FROM THE SILICONE DIFFUSER. DO NOT TOUCH IT AT ALL TIMES.

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GENERAL INFORMATION:

You will receive the following with each REV P1DA series pendant fixture:

1. REV LUMINAIRE. (Pre-assembled as shown in FIG. 3)
2. INSTALLATION INSTRUCTIONS - Please completely read the install instructions before starting installation.
3. CANOPY WITH DRIVERS INSTALLED (as shown in FIG. 4)
4. HARDWARE BAG
 - a. MOUNTING KIT (as shown in FIG. 5)
 - i. FOUR (4) CEILING COUPLER (CC)

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.

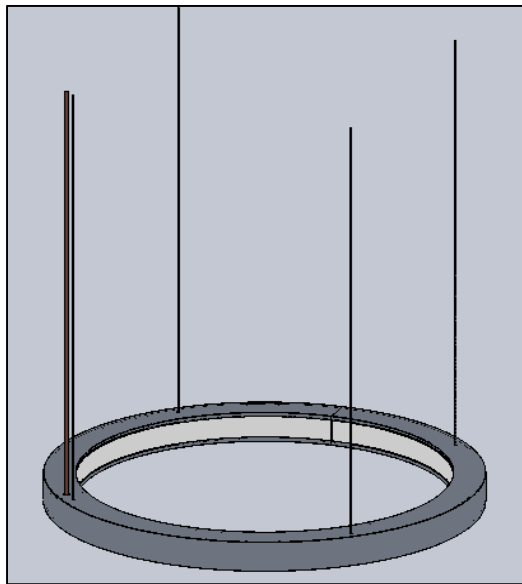


FIG. 3 - REV LUMINAIRE

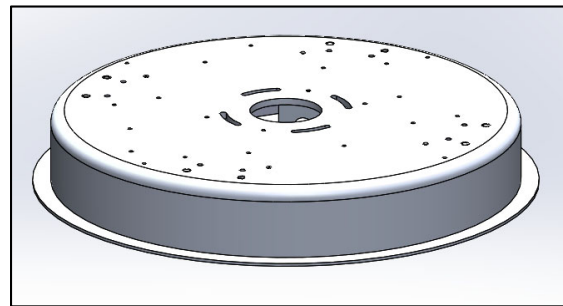


FIG. 4 - CANOPY

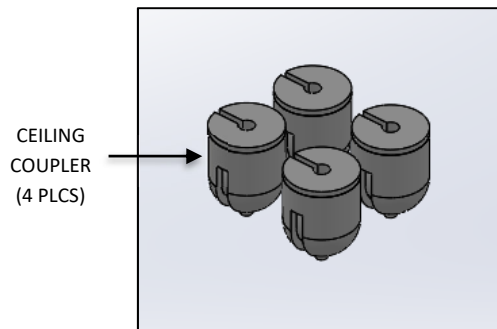




FIG. 5 - MOUNTING KIT CONTENTS

RV1_RV2-P1DA-XX-STATICWHITE-INSTALL-INSTRUCTIONS

MOUNTING:

1. Mark location for the NON-POWERED MOUNTING POINT according to the MOUNTING INFORMATION TABLE and FIG. 6 below.

REV1 (INNER ILLUMINATION) MOUNTING INFORMATION TABLE					
SERIES	FIXTURE DIAMETER	FIXTURE WEIGHT	MOUNTING DISTANCE DIM A	MOUNTING POINT	MIN/MAX OAH
 RV1 (INNER ILLUMINATION)	24"	10LBS	22.50"	4	5"/144"
	36"	13LBS	34.50"	4	5"/144"
	48"	17LBS	46.00"	4	5"/144"
	60"	19LBS	57.50"	4	5"/144"
	72"	22LBS	70.25"	4	5"/144"

REV2 (OUTER ILLUMINATION) MOUNTING INFORMATION TABLE					
SERIES	FIXTURE DIAMETER	FIXTURE WEIGHT	MOUNTING DISTANCE DIM A	MOUNTING POINT	MIN/MAX OAH
 RV2 (OUTER ILLUMINATION)	24"	10LBS	21.6875"	4	5"/144"
	36"	13LBS	33.75"	4	5"/144"
	48"	17LBS	44.6875"	4	5"/144"
	60"	19LBS	57.50"	4	5"/144"
	72"	22LBS	68.875"	4	5"/144"

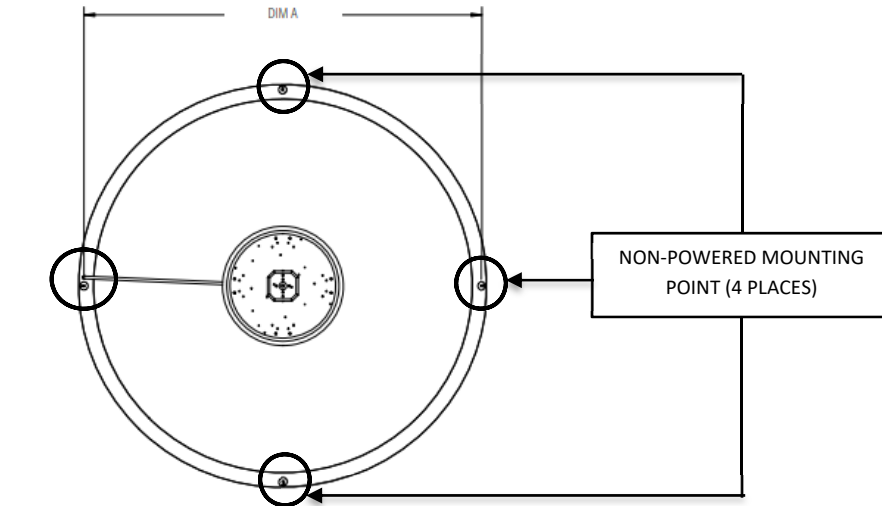


FIG. 6 - TOP VIEW SHOWING MOUNTING VIEW INFORMATION

2. Dis-assemble the CEILING COUPLER into two components CC-BASE, CC-HOLDER as shown in FIG. 7.

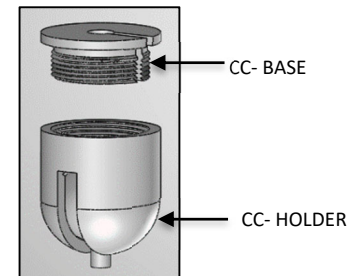


FIG. 7 - CEILING COUPLER ASSEMBLY

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RV1_RV2-P1DA-XX-STATICWHITE-INSTALL-INSTRUCTIONS

For REV MOUNTING [HARD CEILING] see steps 3 and 4,

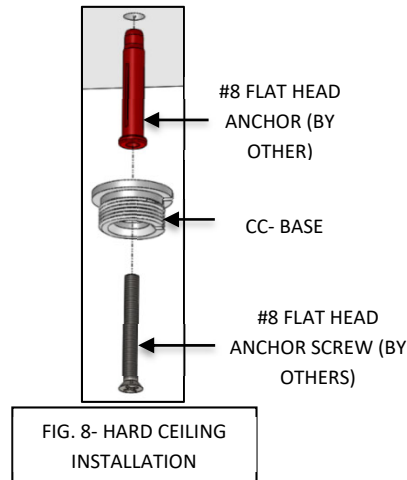
For REV MOUNTING [GRID CEILING] see steps 5 and 6.

REV MOUNTING [HARD CEILING]:

- 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.

- 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. 8.

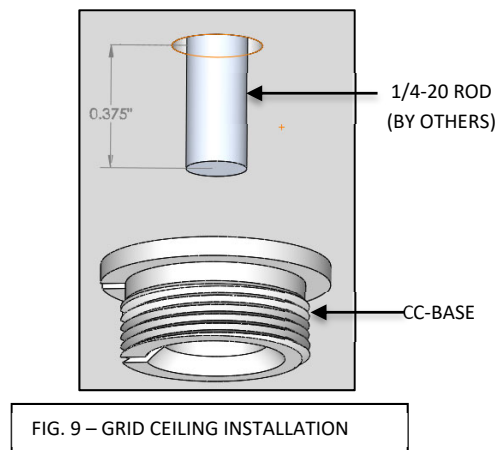


REV MOUNTING [GRID CEILING]:

- 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.

- 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. 9.



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REV MOUNTING [NON-POWERED POINT AIRCRAFT CABLE]:

7. Locate the AIRCRAFT CABLE mounted to the LINER fixture.
8. Feed the AIRCRAFT CABLES through the CC-HOLDERS. Adjust the AIRCRAFT CABLE to the desired length and place it aside as shown in FIG. 10.

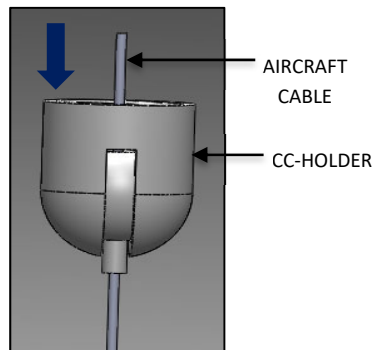


FIG. 10 – SS ROPE CABLE INSTALLATION

REV MOUNTING [CANOPY]:

9. Dis-assemble the FINIAL and the CANOPY PLATE from the CANOPY ASSEMBLY as shown in FIG. 11 below.
10. 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. 12 below.

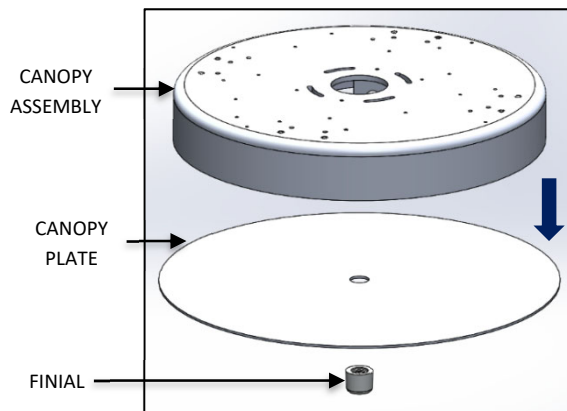


FIG. 11 – CANOPY DIS-ASSEMBLY

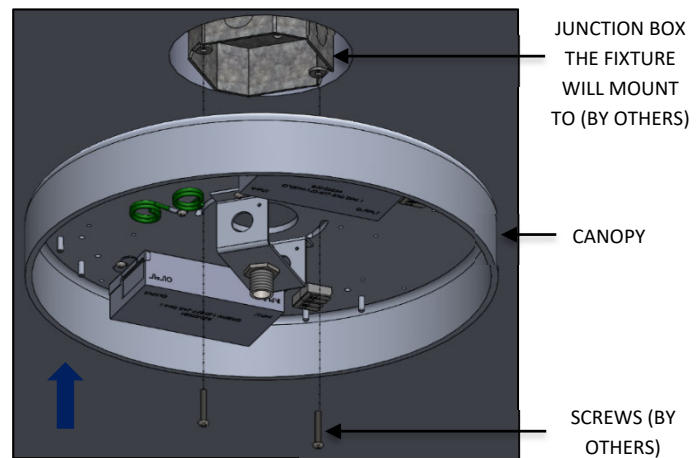


FIG. 12 – CANOPY ASSEMBLY

RV1_RV2-P1DA-XX-STATICWHITE-INSTALL-INSTRUCTIONS

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

WIRE DIAGRAM TABLE						
SERIES	HANGING SYSTEM	BODY SIZE	LIGHT SOURCE	LED OUTPUT	CONTROL	WIRE DIAGRAM
1. RV1 (INNER ILLUMINATION)	P1DA	24	STATIC WHITE	LED1&LED2	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON PAGE 7
	P1DA	36	STATIC WHITE	LED1&LED2	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON PAGE 7
	P1DA	48	STATIC WHITE	LED1&LED2	0-10V DIM 1% (DM1)	WIRE DIAGRAM B ON PAGE 8
2. RV2 (OUTER ILLUMINATION)	P1DA	60	STATIC WHITE	LED1&LED2	0-10V DIM 1% (DM1)	WIRE DIAGRAM B ON PAGE 8
	P1DA	72	STATIC WHITE	LED1&LED2	0-10V DIM 1% (DM1)	WIRE DIAGRAM B ON PAGE 8

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

DRIVER WIRES TO BUILDING SUPPLY

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

FIG. 13 – WIRE CONNECTION FROM BUILDING SUPPLY TO DRIVER

WIRE LABEL TABLE

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

FIG. 14 – WIRE CONNECTION FROM DRIVER TO FIXTURE CORD

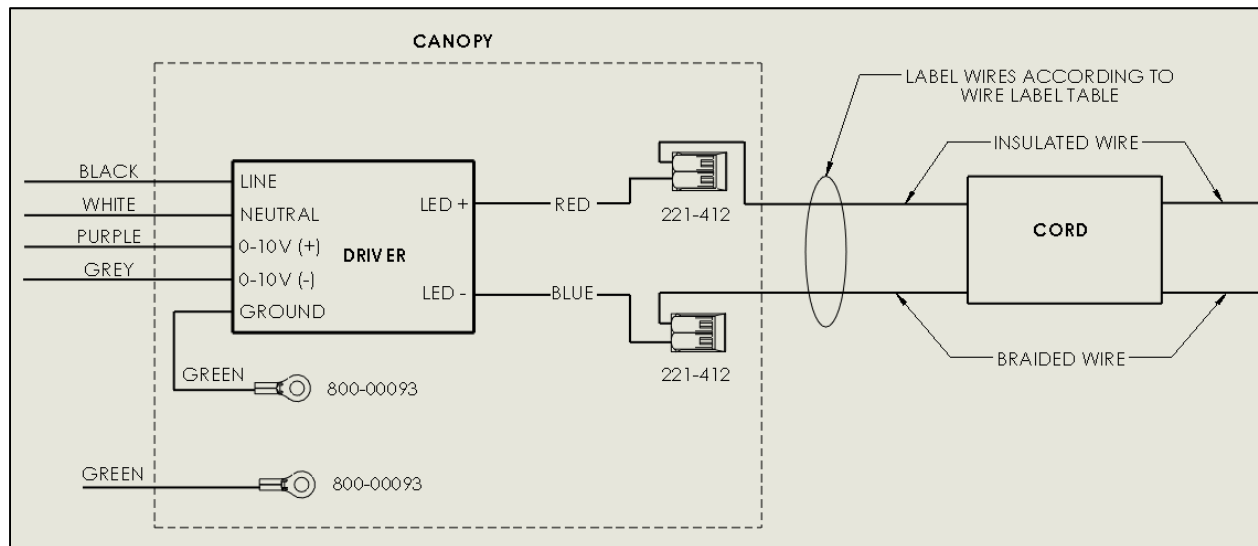


FIG. 15 – WIRE DIAGRAM FOR 24" & 36"

RV1_RV2-P1DA-XX-STATICWHITE-INSTALL-INSTRUCTIONS

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

DRIVER WIRES TO BUILDING SUPPLY

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

FIG. 16 – 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. 17 – WIRE CONNECTION FROM DRIVER TO FIXTURE CORD

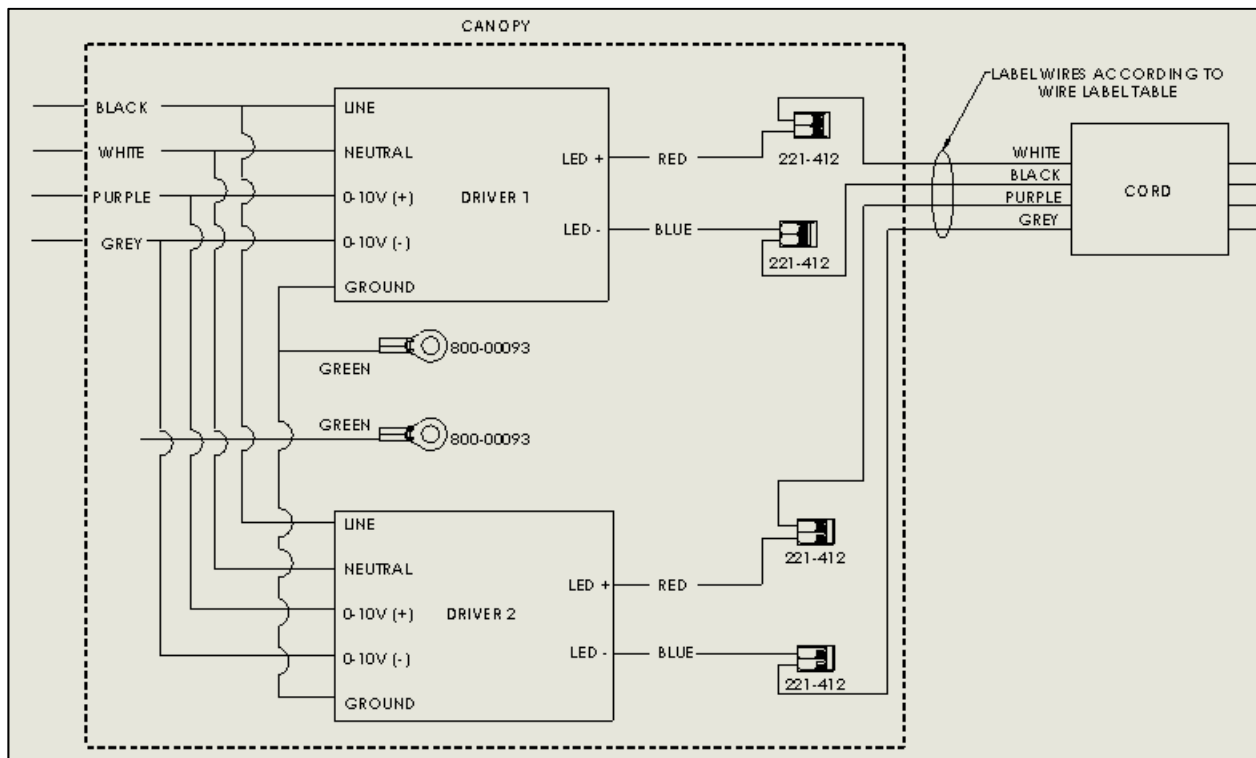


FIG. 18 – WIRE DIAGRAM FOR 48", 60" & 72" MODELS

RV1_RV2-P1DA-XX-STATICWHITE-INSTALL-INSTRUCTIONS

12. Pass the FINIAL and the CANOPY PLATE through the CORD as shown in FIG. 19 below.

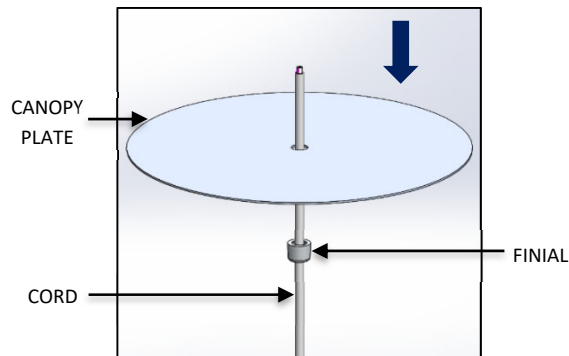


FIG. 19 – CANOPY PLATE AND FINIAL INSTALLATION

13. Raise the REV luminaire up, with multiple people, to the ceiling and screw the CC-HOLDER to the CC-BASE until fully seated. Simultaneously, feed the AIRCRAFT CABLE through the GRIPLOCK and adjust the AIRCRAFT CABLE to the desired length as shown in FIG. 20 & 21 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.

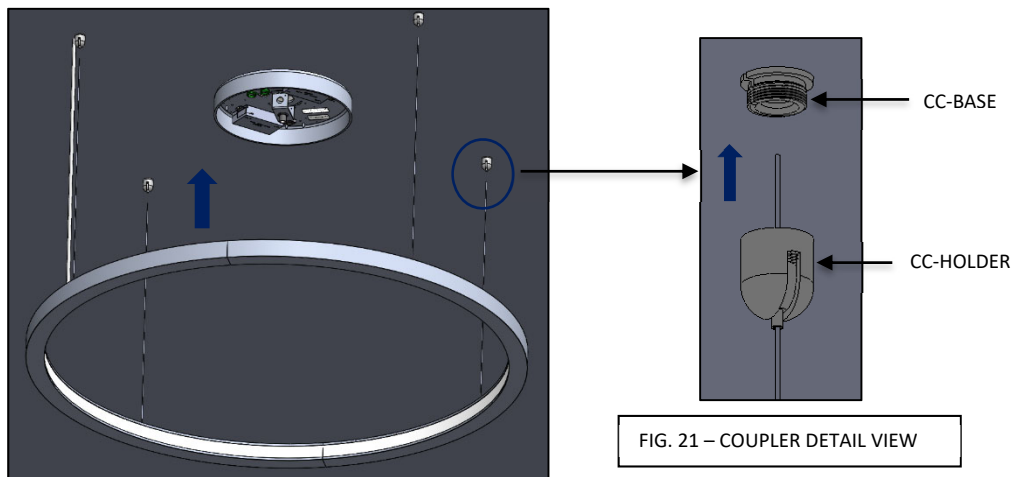


FIG. 20 - INSTALLATION VIEW

FIG. 21 – COUPLER DETAIL VIEW

WARNING:



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

14. 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 page 7 for corresponding WIRE DIAGRAM connections. See instructions on how to shorten/install the cord on page 11.

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RV1_RV2-P1DA-XX-STATICWHITE-INSTALL-INSTRUCTIONS

15. Raise CANOPY PLATE and secure to ceiling by threading the FINIAL until fully seated as shown in FIG. 22.

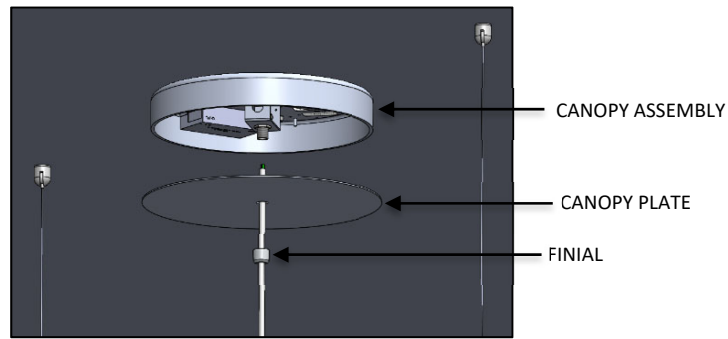


FIG. 22 - FINIAL INSTALLATION

16. Restore power to circuit the Rev series pendant is connected to.
- Test to see that the luminaire turns on after power is restored.
 - Contact OCL for any luminaire troubleshooting, if a problem occurs.

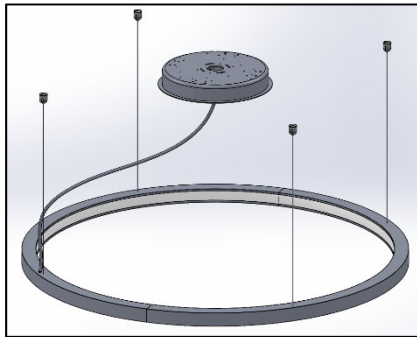


FIG. 23 - COMPLETED INSTALLATION OF REV PENDANT WITH P1DA HANGING SYSTEM RV1 (INNER ILLUMINATION) (SHOWN)

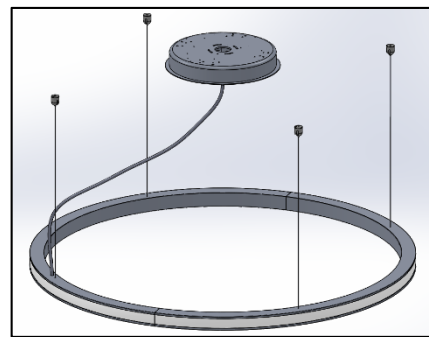


FIG. 24 - COMPLETED INSTALLATION OF REV PENDANT WITH P1DA HANGING SYSTEM RV2 (OUTER ILLUMINATION) (SHOWN)

17. 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. 25 and 26 below for both RV1 and RV2 Series.

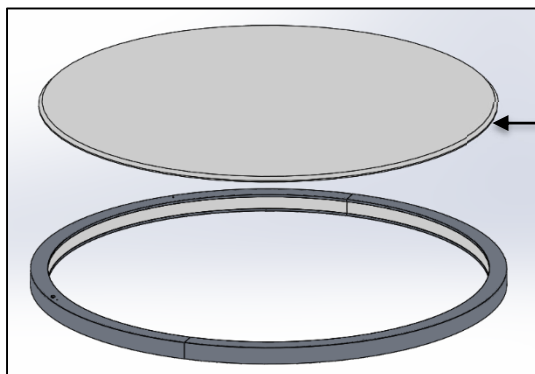


FIG. 25 - RV1 (INNER ILLUMINATION) (WITH ACOUSTIC PANEL SHOWN)

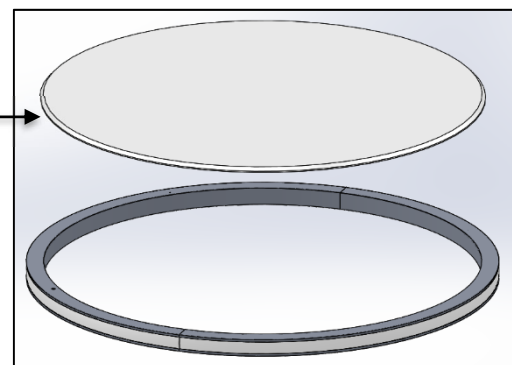


FIG. 26 - RV2 (OUTER ILLUMINATION) (WITH ACOUSTIC PANEL SHOWN)

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. 27 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. 28 below.

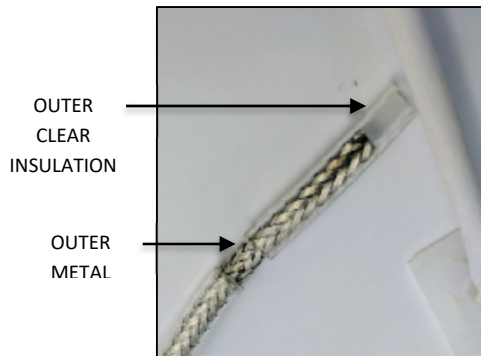


FIG. 27

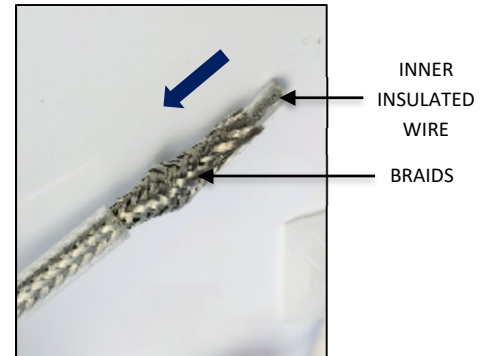


FIG. 28

2. Using a small pointed object, begin unweaving the exposed metal braiding as shown in FIG. 29 below. Position the unwoven metal strands on one side of the inner insulated wire and twist the individual strands together as shown in FIG. 30 below.

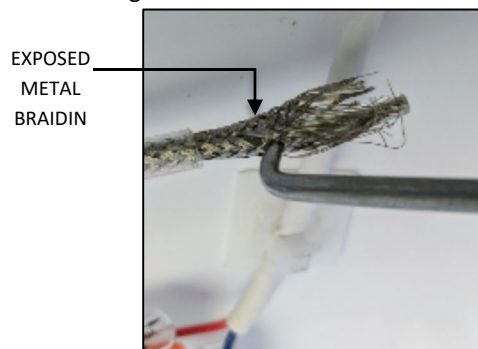


FIG. 29

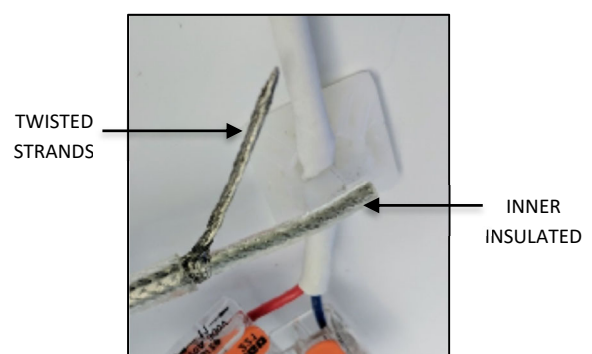


FIG. 30

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. 31 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. 32 below.

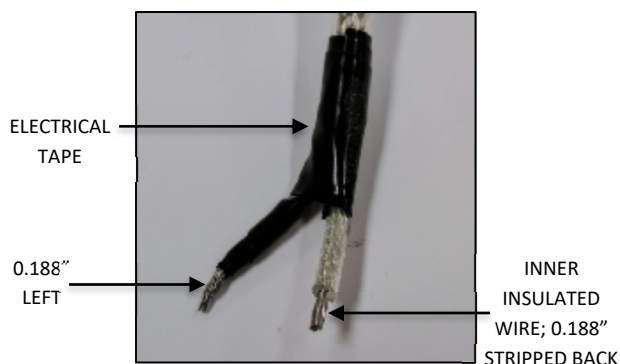


FIG. 31

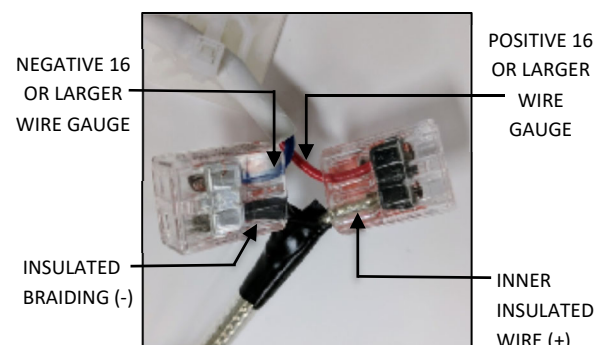


FIG. 32

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