

INSTALLATION INSTRUCTIONS NOVA PENDANT WITH P1FA HANGING SYSTEM

These instructions cover the NOVA luminaire with the following options:

| SERIES | HANGING SYSTEM | SIZE | LIGHT SOURCE | CONTROL | WIRE DIAGRAM |
|--------------|--|------|--------------|-----------|------------------------|
| 1. NO1(NOVA) | P1FA: PENDANT WITH SURFACE MOUNT CANOPY, SINGLE CENTER AIRCRAFT CABLE AND SILVER POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS) | 18 | STATIC WHITE | DM1 / DM3 | WIRE DIAGRAM ON PAGE 6 |
| | | 24 | STATIC WHITE | DM1 / DM3 | WIRE DIAGRAM ON PAGE 6 |
| | | 36 | STATIC WHITE | DM1 / DM3 | WIRE DIAGRAM ON PAGE 6 |



FIG. 1 - NO1-P1FA-XX-MW-XXX-LEDX_XXK-UNV-XXX-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. 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.
5. DO NOT LET THE NOVA LUMINAIRE HANG FREE UNTIL THE AIRCRAFT CABLE ARE SECURED AND EVENLY TENSIONED.

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GENERAL INFORMATION:

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

1. NOVA LUMINAIRE with CORD attached. (Pre-assembled 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. CANOPY
 - b. MOUNTING KIT CONTENTS (as shown in FIG. 4)
 - i. AIRCRAFT CABLE
 - ii. MOUNTING BRACKET ASSEMBLY
 - iii. 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.

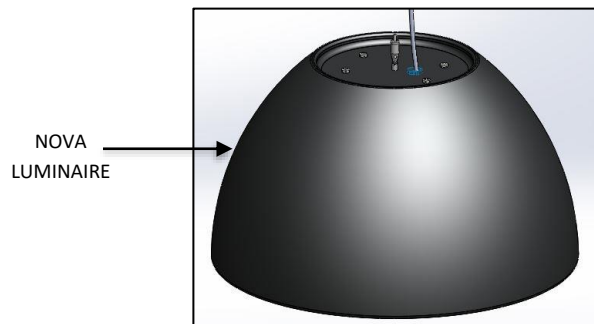


FIG. 2 NOVA LUMINAIRE (PRE-ASSEMBLED)

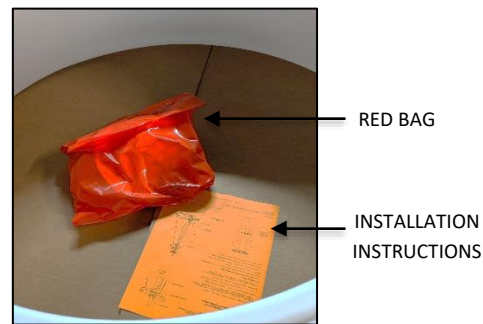


FIG. 3 RED BAG AND INSTALLATION INSTRUCTIONS

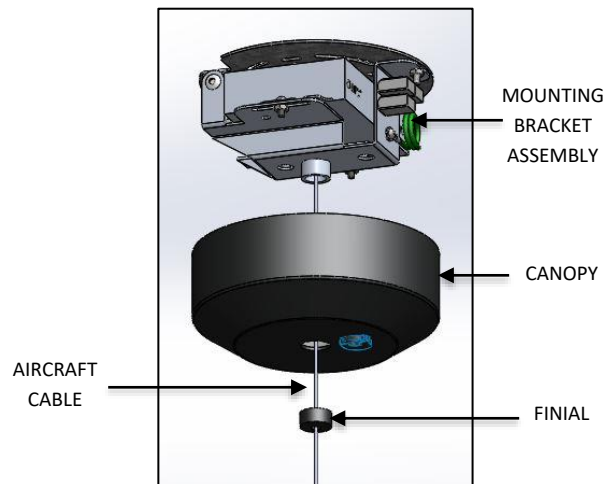

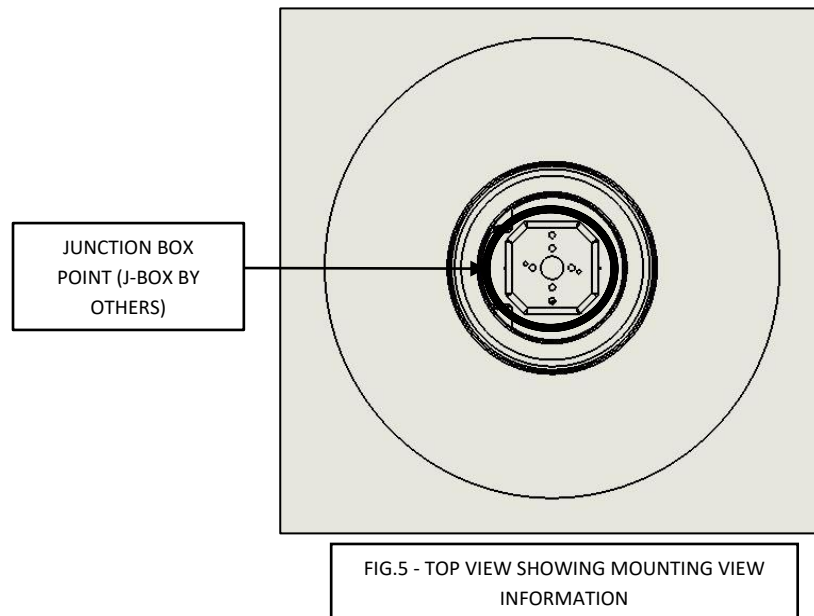


FIG. 4 MOUNTING KIT CONTENTS

MOUNTING:

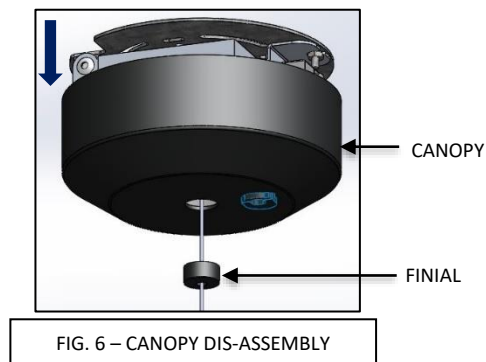
1. Mark location for the 4X4 OCTAGON J-BOX MOUNTING POINT according to the MOUNTING INFORMATION TABLE and FIG. 5.

| NO1 MOUNTING INFORMATION TABLE | | | |
|--|------------------|----------------|-------------|
| SERIES | FIXTURE DIAMETER | FIXTURE WEIGHT | MIN/MAX OAH |
|  NO1 | 18" | 15LBS | 18"/144" |
| | 24" | 20LBS | 21.5"/144" |
| | 36" | 25LBS | 25"/144" |



NOVA MOUNTING [CANOPY]:

2. Unscrew CANOPY FINIAL and remove CANOPY. Be careful not to scratch finish as shown in FIG. 6.



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3. Unscrew the NUT securing MOUNTING PLATE to driver MOUNTING BRACKET. Swing driver mounting bracket down and out of the way as shown below in FIG. 7.
4. Attach MOUNTING BRACKET to JUNCTION BOX (by other) as shown below in FIG. 8.

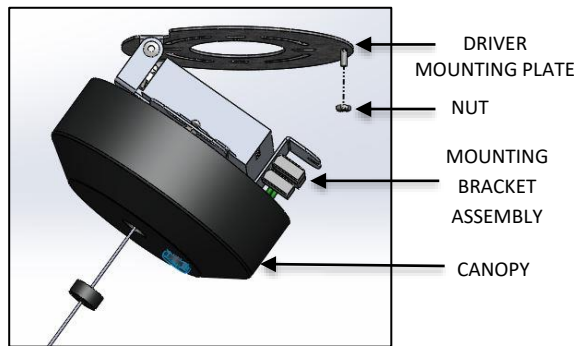


FIG. 7 – MOUNTING PLATE
DIS-ASSEMBLY

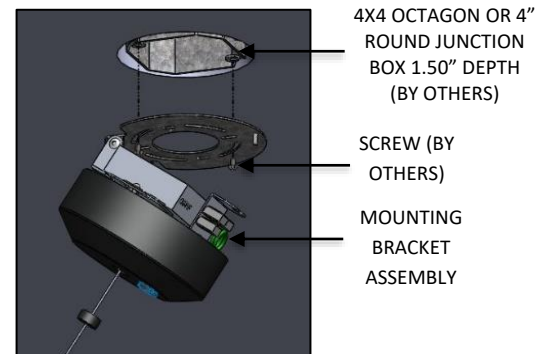


FIG. 8 – MOUNTING BRACKET
ASSEMBLY INSTALLATION

5. Tighten NUT to secure DRIVER MOUNTING BRACKET to MOUNTING PLATE. As shown below in fig. 9.

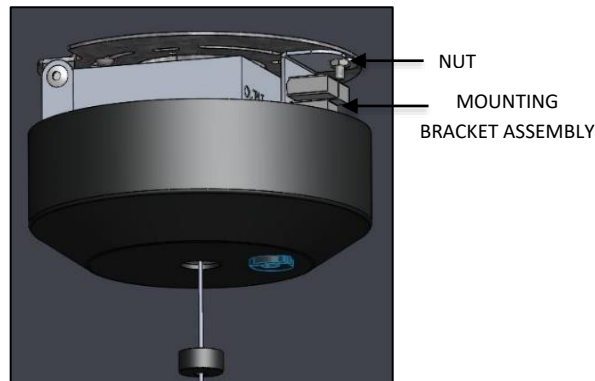


FIG. 9 – MOUNTING BRACKET
ASSEMBLY

6. Loosely secure CANOPY to the ceiling by threading the FINIAL to the mounting bracket assembly. as shown below in fig. 10.

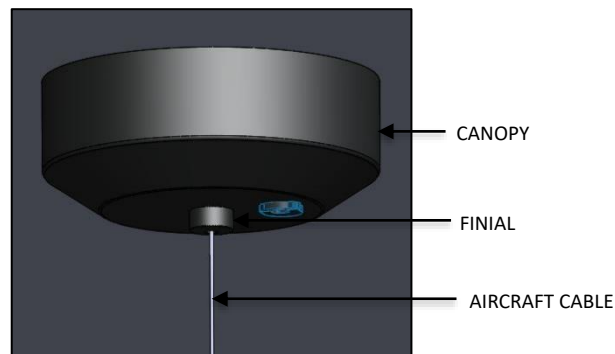


FIG. 10 –CANOPY INSTALLATION

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7. Raise the fixture and feed the AIRCRAFT CABLE into the GRIPLOCK by pressing the plunger of the GRIPLOCK and insert the AIRCRAFT CABLE into the body of the GRIPLOCK and adjust fixture drop to desired height as shown in FIG. 11.

- Each AIRCRAFT CABLE must pass at least 1.75" 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.

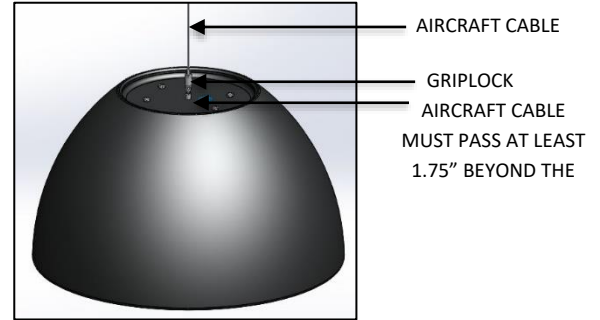


FIG. 11 – AIRCRAFT CABLE INSTALLATION



WARNING:

Do not let the NOVA LUMINAIRE hang free until AIRCRAFT CABLE is secured and evenly tensioned.

- Once the NOVA FIXTURE is secured to the AIRCRAFT CABLE at the GRIPLOCK, unthread the FINIAL from the MOUNTING BRACKET ASSEMBLY and lower the CANOPY as shown below in FIG. 12.
- Feed POWER CORD through the 2ND hole in the CANOPY and secure at desired length by using the STRAIN RELIEF provided as shown below in FIG. 13. Leave minimum of 8.00" past the top of the STRAIN RELIEF for making wire connections to DRIVER as shown in FIG. 14.

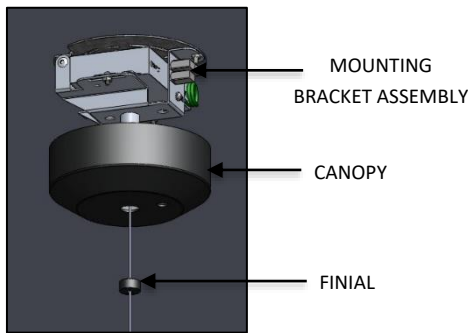


FIG. 12 – CANOPY DIS-ASSEMBLY

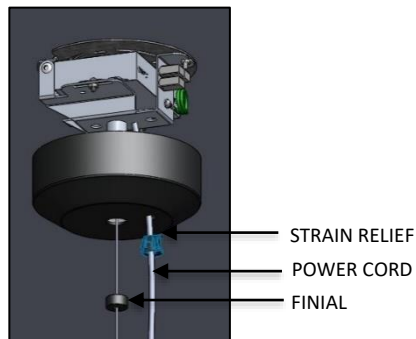


FIG. 13 – CORD INSTALLATION

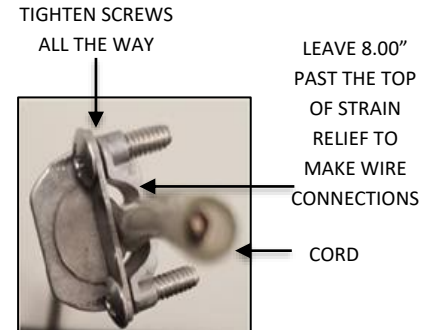


FIG. 14 – STRAIN RELIEF WITH CORD

10. See WIRE DIAGRAM as shown in FIG. 15 and WIRE LABEL TABLE below for wire connections. Make all wire connections in accordance with the national electrical code and all applicable local and state codes.

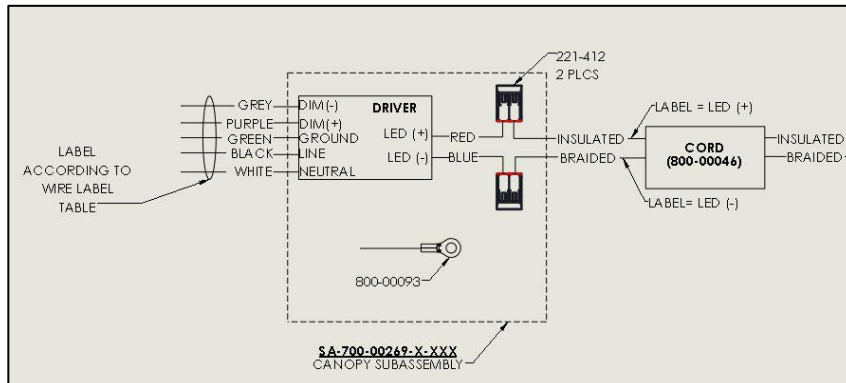


FIG. 15 – WIRE DIAGRAM FOR ALL MODELS

| WIRE LABEL TABLE | | |
|------------------|------------------|--------------|
| CONTROL | WIRE COLOR | LABEL |
| ALL | INSULATED (CORD) | LED (+) |
| ALL | BRAIDED (CORD) | LED (-) |
| ALL | BLACK | LINE VOLTAGE |
| ALL | WHITE | NEUTRAL |
| ALL | GREEN (DRIVER) | GROUND |
| ALL | RED (DRIVER) | LED (+) |
| ALL | BLUE (DRIVER) | LED (-) |
| DM1 | PURPLE | 0-10V (+) |
| DM1 | GREY | 0-10V (-) |
| DM3 | PURPLE | E1 |
| DM3 | GREY | E2 |

FIG. 16 – WIRE LABEL TABLE

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11. Make all wire connections in the inside the junction box (by others) in accordance with the national electrical code and all applicable local and state codes. See wire diagram on page 6 for corresponding models and instructions on how to shorten/install the cord on page 8.
12. Raise CANOPY and secure to ceiling by threading the FINIAL to the NIPPLE (available in MOUNTING BRACKET ASSEMBLY) as shown below in FIG. 17.

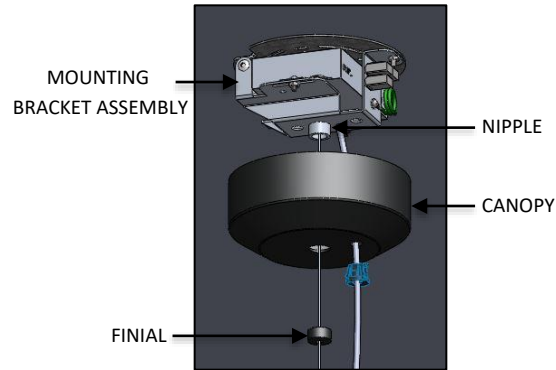


FIG. 17 – FINIAL INSTALLATION

13. Restore power to circuit the NOVA 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.

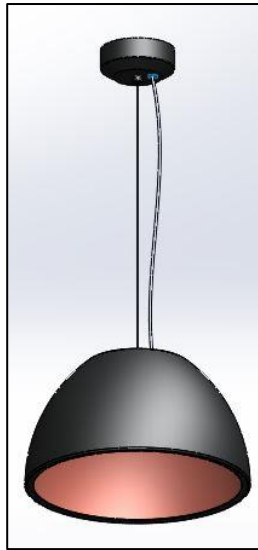


FIG. 18 - COMPLETED INSTALLATION OF NOVA
PENDANT WITH P1FA HANGING SYSTEM
NO1 (NOVA) (SHOWN)

CORD INSTALLATION INSTRUCTIONS

- Strip off 1.00" of outer clear insulation exposing the outer metal braiding as shown in FIG. 19 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. 20 below.

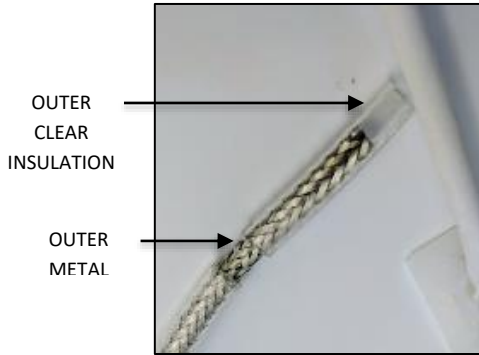


FIG. 19

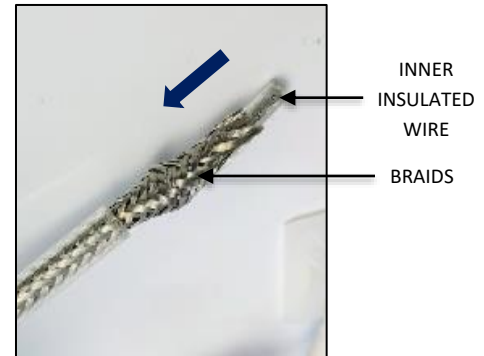


FIG. 20

- Using a small pointed object, begin unweaving the exposed metal braiding as shown in FIG. 21 below. Position the unwoven metal strands on one side of the inner insulated wire and twist the individual strands together as shown in FIG. 22 below.

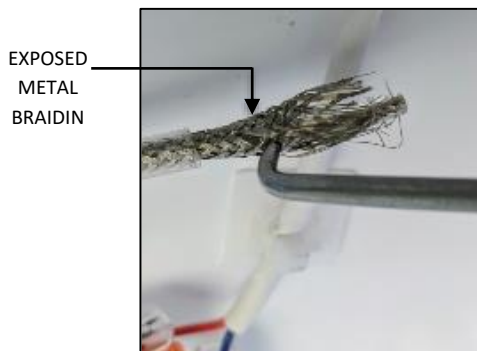


FIG. 21

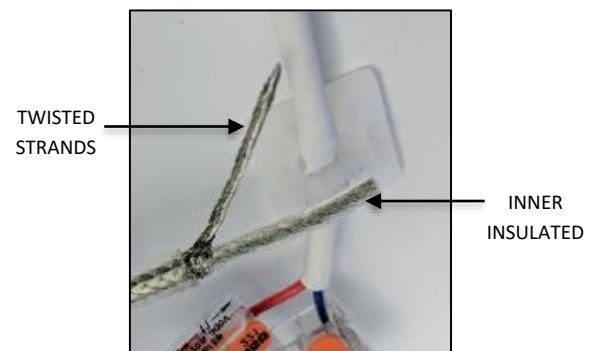


FIG. 22

- 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. 23 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. 24 below.

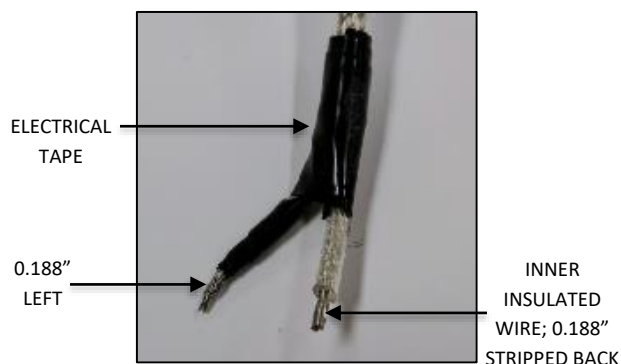


FIG. 23

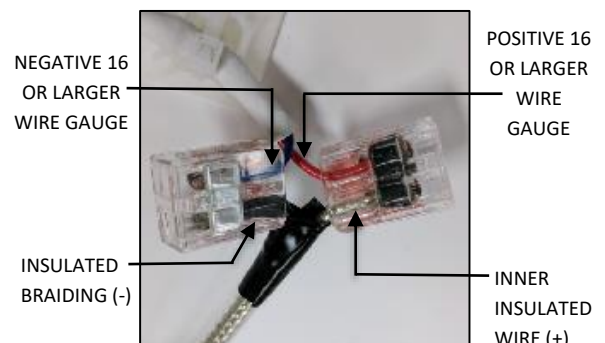


FIG. 24

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