

## INSTALLATION INSTRUCTIONS

### DASH PENDANT WITH P1EW HANGING SYSTEM

These instructions cover the DASH luminaire with the following options:

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE DIAGRAM
DA1 : DASH	P1EW: PENDANT WITH AN AIRCRAFT CABLE ON ONE END OF THE FIXTURE AND A POWER CORD ON THE OTHER (REMOTE DRIVER)	27"	STATIC WHITE	DM1: 0-10V DIM 1%	WIRE DIAGRAM ON PAGE 4
		39"		DM3: LUTRON HI-LUME ECOSYSTEM 1% (LDE1)	
		51"			
		63"			
		75"			
		XX"			

REMOTE DRIVER HOUSING  
\*NOTE: MAX 30' WIRE LENGTH DISTANCE FROM

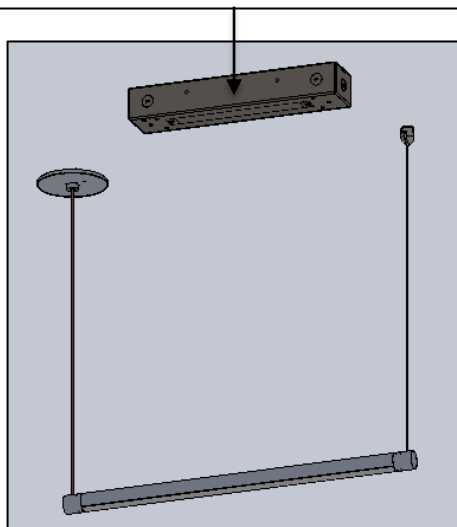


FIG. 1 – DA1-P1EW-XX-MW-XXX-LEDX XXK-UNV-XXX-

#### GENERAL NOTES:

- PLEASE COMPLETELY READ THE INSTALL INSTRUCTIONS BEFORE STARTING INSTALLATION.
- TURN OFF POWER TO CIRCUIT FIXTURE WHILE IT IS BEING INSTALLED.
- INSTALL IN ACCORDANCE WITH ALL LOCAL, STATE AND NATIONAL CODES CONSULT WITH A QUALIFIED ELECTRICIAN FOR PROPER INSTALLATION.
- 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.
- REMOTE MOUNTING DRIVERS - OCL RECOMMENDS: MAX 30' DISTANCE FROM FIXTURE FOR NON-DIMMING, DMO DM1 AND MAX 10' REMOTE DISTANCE FOR LUTRON. ENCLOSURE SHOULD REMAIN ACCESSIBLE AFTER INSTALLATION.
- DO NOT LET THE LUMINAIRE HANG FREE UNTIL THE AIRCRAFT CABLE IS SECURED
- KEEP HANDS AWAY FROM THE SILICON DIFFUSER. DO NOT TOUCH IT AT ALL TIMES.
- 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.

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Phone: 314.863.1895

Fax: 314.863.3278

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DA1-P1EW-INSTALLATION INSTRUCTIONS

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## DA1-P1EW-INSTALLATION INSTRUCTIONS

### GENERAL INFORMATION:

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

1. DASH LUMINAIRE. (Pre-assembled as shown in FIG. 2)
2. INSTALLATION INSTRUCTIONS (as shown in FIG. 5)- Please completely read the install instructions before starting installation.
3. CANOPY SUBASSEMBLY (as shown in FIG. 3)
4. REMOTE DRIVER BOX WITH DRIVER INSTALLED (as shown in FIG. 4)
5. RED BAG
  - i. ONE (1) CABLE COUPLER (CC) (as shown in FIG. 6)
  - ii. STRAIN RELIEF (as shown in FIG. 7)
  - iii. ONE (1) AIRCRAFT CABLE (as 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.**

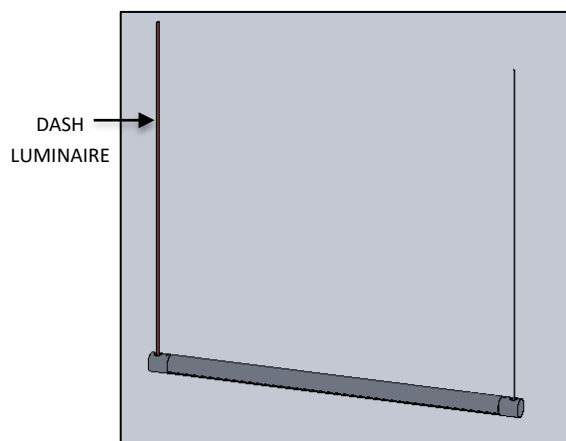


FIG.2 DASH LUMINAIRE (PRE-ASSEMBLED)

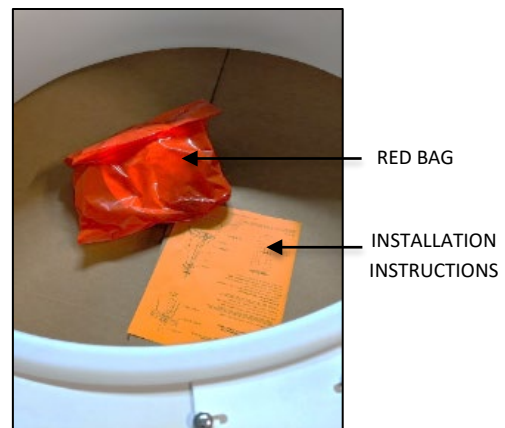


FIG.5 RED BAG AND  
INSTALLATION INSTRUCTIONS

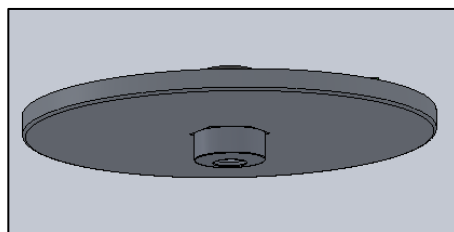


FIG.3 CANOPY SUBASSEMBLY

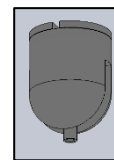


FIG.6 CABLE COUPLER

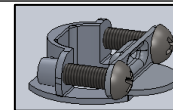


FIG.7 STRAIN RELIEF

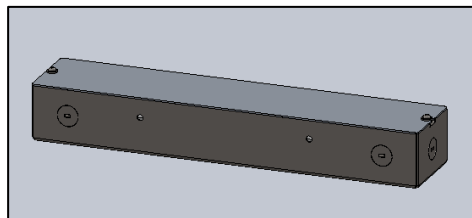


FIG.4 REMOTE BOX WITH DRIVER INSTALLED



FIG.8 SS-CABLE

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## DA1-P1EW-INSTALLATION INSTRUCTIONS

### REMOTE DRIVER HOUSING MOUNTING:

1. Shut off power.
2. Remove the lid of the REMOTE DRIVER HOUSING as shown in FIG. 10 below.
3. Mount the REMOTE DRIVER HOUSING to code in a location that is 30 feet or less from the FIXTURE BODY and is accessible after installing. Max wire length is 30ft measured from the FIXTURE BODY to the DRIVER.
4. Using the knockout holes at the bottom of the remote box, run conduit into the remote box for the building supply wires (line voltage) and conduit out of the remote box for the fixture wire (low voltage). Conduit, adapters and wires are supplied by other.

**NOTE: Do not run Line Voltage and Low Voltage wires in the same conduit.**

5. Run a positive and negative 16-20 gage wire (by others) from the remote driver housing to the junction box. Inside the remote driver housing, connect:
  - a) Driver LED output (+) and positive 16-20 gage wire.
  - b) Driver LED output (-) and negative 16-20 gage wire.
  - c) Dimming wires as shown on the driver.
6. Connect building supply wires to the driver. See WIRE DIAGRAM TABLE and WIRE DIAGRAM as shown in FIG.13 for wire connections. Make all wire connections in accordance with the NATIONAL ELECTRICAL CODE and all applicable LOCAL AND STATE CODES. Install the lid on the remote driver housing once connections are done.



FIG.9 REMOTE BOX HOUSING

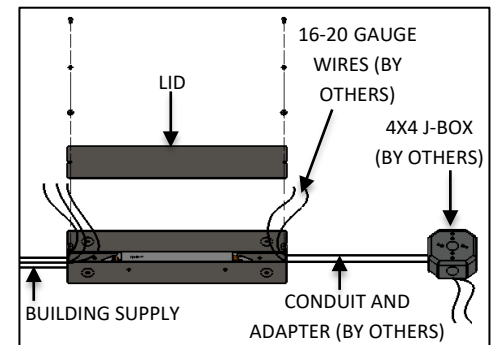


FIG.10 REMOTE BOX WIRE CONNECTION INFORMATION

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE DIAGRAM
DA1: DASH	P1EW: PENDANT WITH AN AIRCRAFT CABLE ON ONE END OF THE FIXTURE AND A POWER CORD ON THE OTHER (REMOTE DRIVER)	27"	STATIC WHITE	DM1: 0-10V DIM 1%	WIRE DIAGRAM ON PAGE 4
		39"			
		51"			
		63"		DM3: LUTRON HI-LUME ECOSYSTEM 1% (LDE1)	
		75"			
		XX"			

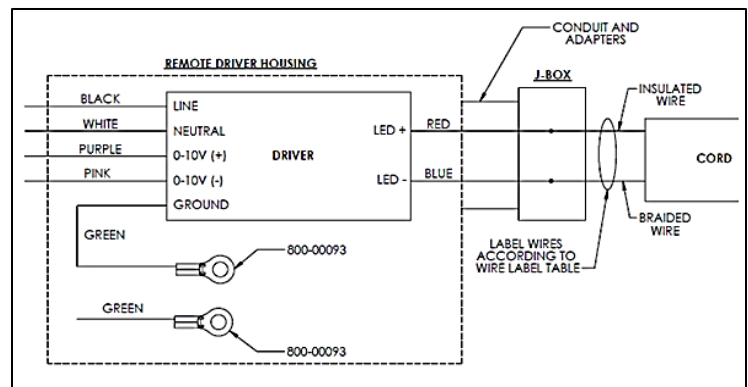
#### DRIVER WIRES TO BUILDING SUPPLY

BLACK WIRE = LINE VOLTAGE  
WHITE WIRE = NEUTRAL  
GREEN WIRE = GROUND  
PURPLE WIRE = 0-10V (+)  
PINK WIRE = 0-10V (-)

FIG. 11 – WIRE CONNECTION  
FROM BUILDING SUPPLY

WIRE LABEL TABLE		
CONTROL	WIRE COLOR	LABEL
ALL	INSULATED(CORD)	LED(+)
ALL	BRAIDED(CORD)	LED(-)

FIG. 12 – WIRE CONNECTION  
FROM DRIVER TO FIXTURE CORD



SEE GENERAL NOTE 8 ON PAGE 1

FIG. 13 – WIRE DIAGRAM

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## DA1-P1EW-INSTALLATION INSTRUCTIONS

### DASH MOUNTING:

1. Mark location for the anchor according to the table according to the MOUNTING INFORMATION TABLE below.

SERIES	LUMINAIRE SIZE	LUMINAIRE WEIGHT	MOUNTING DISTANCE DIM A	MOUNTING POINT	MIN/MAX OAH
 <b>DA1(DASH)</b>	26.75"	3LBS	25.75"	2	5"/144"
	38.75"	5LBS	37.75"		
	50.75"	6LBS	49.75"		
	62.75"	8LBS	61.75"		
	74.75"	9LBS	73.75"		

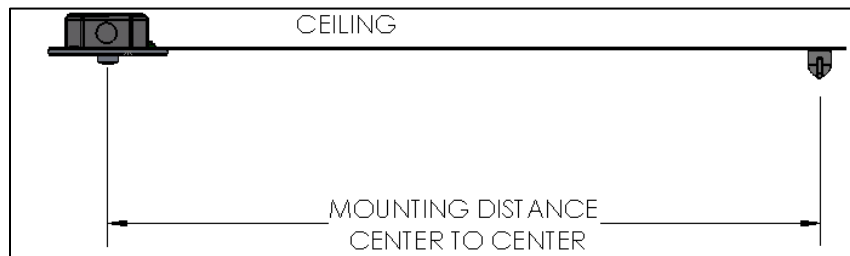


FIG. 14- VIEW SHOWING MOUNTING INFORMATION

### DASH MOUNTING [HARD CEILING]:

1. For hard ceiling install ANCHOR (by others into ceiling at the non-powered mounting location as per the mounting information chart (as shown above).

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

2. Install the CC-BASE to the ANCHOR (by others) previously installed at the non-powered mounting location and secure with the ANCHOR SCREW (by others) as shown in FIG. 15.

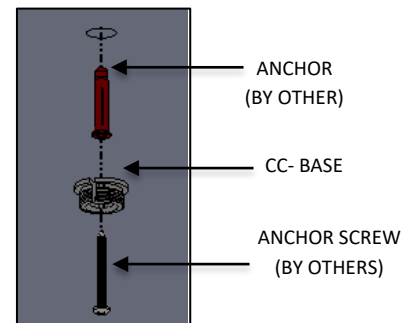


FIG. 15 - HARD CEILING INSTALLATION

### DASH MOUNTING [CANOPY]:

1. Loosen the CANOPY FINIAL and remove CANOPY as shown in FIG. 16. Be careful not to scratch finish
2. Attach MOUNTING BRACKET TO JUNCTION BOX (BY OTHER) as shown in FIG.17.

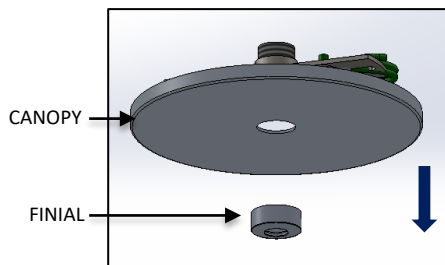


FIG. 16 - CANOPY DIS-ASSEMBLY

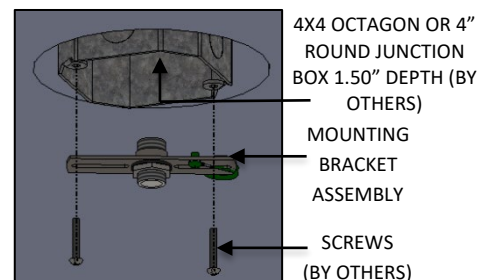


FIG. 17 - MOUNTING BRACKET ASSEMBLY INSTALLATION

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## DA1-P1EW-INSTALLATION INSTRUCTIONS

3. Raise the FIXTURE as shown in FIG. 18 and insert AIRCRAFT CABLE through the CABLE COUPLER and into the GRIPLOCK swivel and then thread the CABLE COUPLER onto the COUPLER BASE. Make sure there is at least 1.75" of cable inserted into the GRIPLOCK swivel as shown below in FIG. 19 to assemble to the MOUNTING BRACKET.

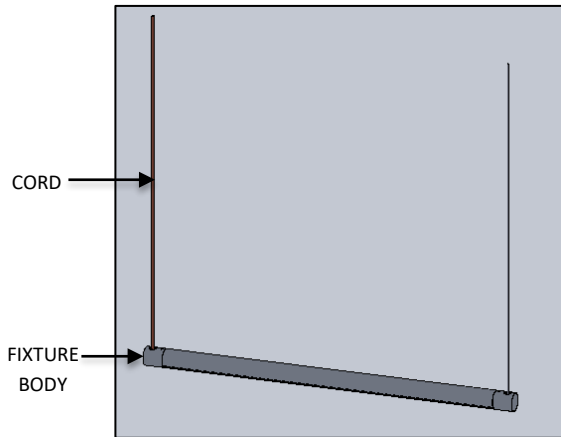


FIG. 18 – FIXTURE INSTALLATION

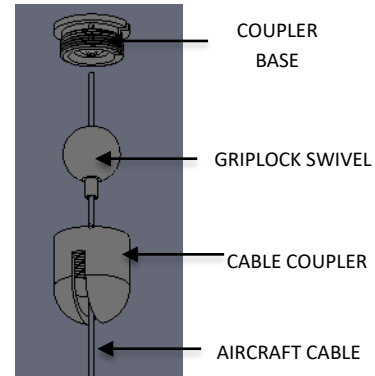


FIG. 19– AIRCRAFT CABLE INSTALLATION

4. And on other end Insert CORD into CANOPY FINIAL (THREADS UP), CANOPY, AND MOUNTING BRACKET. Adjust fixture drop to desired height as shown below in FIG. 20.
5. Mark CORD with marker above the all-thread and Trim off excess cord leaving minimum of 8" past the Top of the all-thread as shown below in FIG. 21.

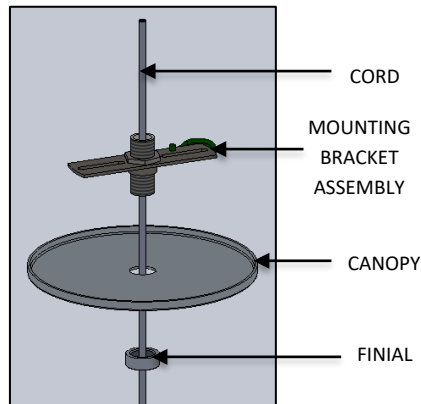


FIG. 20 – CORD INSTALLATION

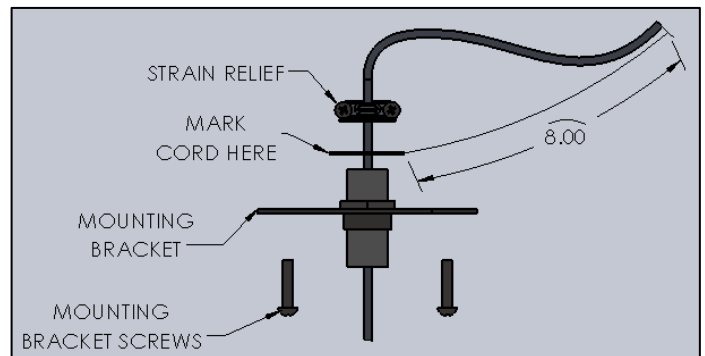


FIG. 21– CORD INSTALLATION TO J-BOX

6. Insert cord through the strain relief and tighten two screws on the strain relief above hanging bracket where marked. If screws are not tightened properly, cord could slip through the strain relief causing the fixture to fall as shown in FIG. 22.

### WARNING:



**Do not let the DASH LUMINAIRE hang free until CABLE is secured.**

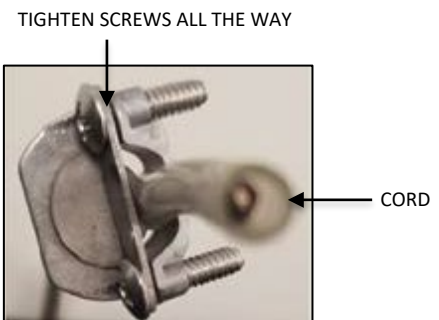


FIG. 22 – STRAIN RELIEF WITH CORD INSERTED

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## DA1-P1EW-INSTALLATION INSTRUCTIONS

7. Make wire connections between driver and fixture cord, 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 4 for wire connections and instructions on how to shorten/install the cord on page 7.
8. Raise CANOPY and secure to ceiling by threading the FINIAL to the NIPPLE (available in MOUNTING BRACKET ASSEMBLY) as shown below in FIG. 23.
9. Loosen both set screws (using a 1/16 Allen wrench) on the endcaps as shown in FIG.24 by ½ half turn (do not remove the set screws).
10. Rotate fixture body to desired angle and Tighten the set screws

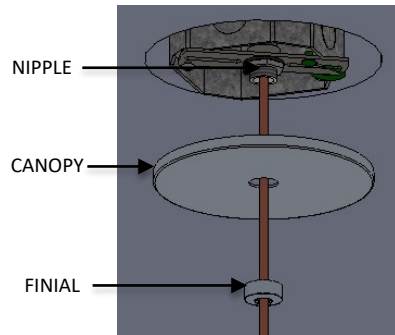


FIG. 23- FINIAL ASSEMBLY

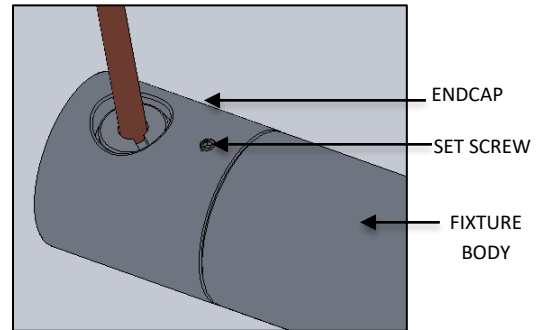


FIG. 24 - FINIAL ASSEMBLY

11. Restore power to circuit the DASH 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. 25 - COMPLETED INSTALLATION OF DASH PENDANT WITH P1EW HANGING SYSTEM

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## DA1-P1EW-INSTALLATION INSTRUCTIONS

### CORD INSTALLATION INSTRUCTIONS:

1. Strip off 1.00" of outer clear insulation exposing the outer metal braiding as shown in FIG. 26 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. 27 below.

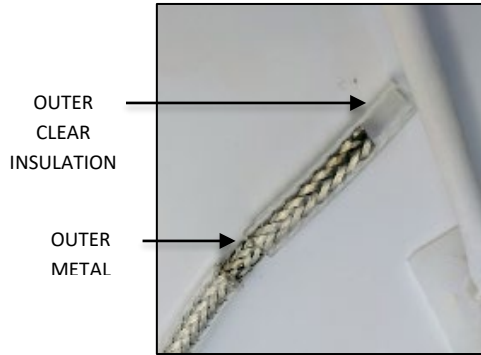


FIG. 26

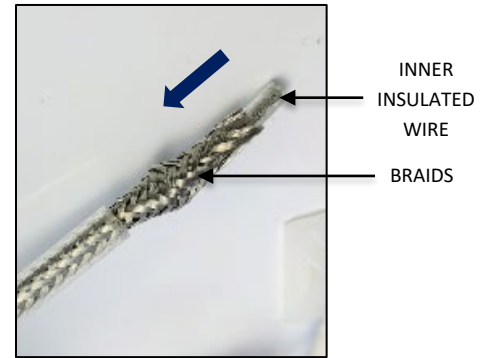


FIG. 27

2. Using a small pointed object, begin unweaving the exposed metal braiding as shown in FIG. 28 below. Position the unwoven metal strands on one side of the inner insulated wire and twist the individual strands together as shown in FIG. 29 below.

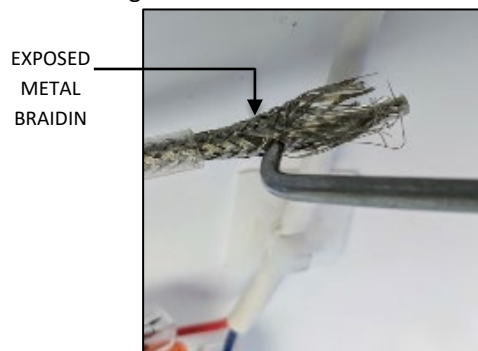


FIG. 28

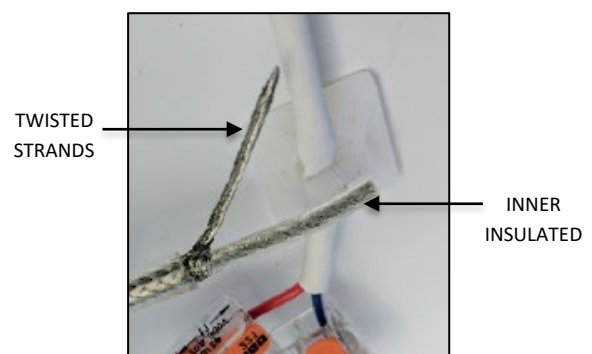


FIG. 29

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. 30 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. 31 below.

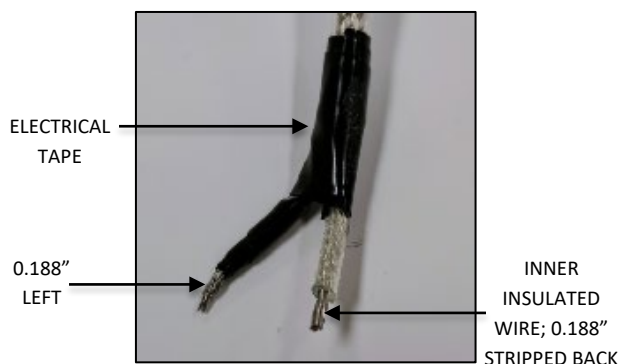


FIG. 30

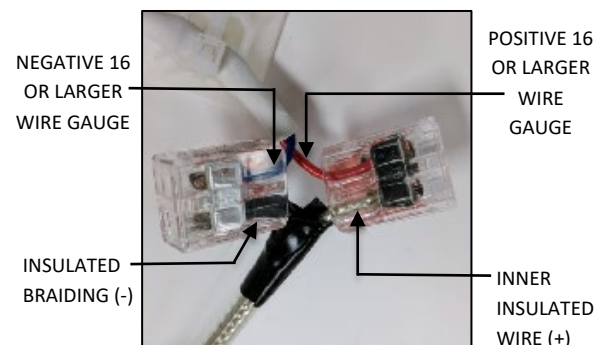


FIG. 31

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