

INSTALLATION INSTRUCTIONS LINER PENDANT WITH P1SD HANGING SYSTEM

These instructions cover the Liner luminaire with the following options:

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE DIAGRAM
LN1: LINER	P1SD: PENDANT WITH VERTICAL AIRCRAFT CABLES AND A POWER CORD TO CENTRAL CANOPY WITH INTEGRAL DRIVER	24	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM ON PAGE 4
		36	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM ON PAGE 4
		48	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM ON PAGE 4
		60	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM ON PAGE 4
		72	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM ON PAGE 4

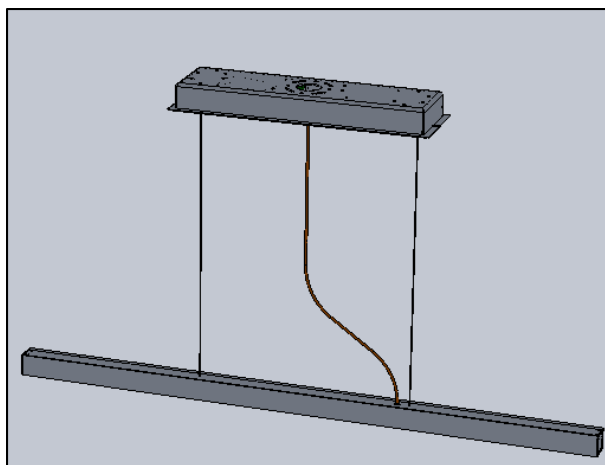


FIG. 1 - LN1-P1SD-XX-MW-XXX-LEDX_XXK-UNV-XXX-DM1 (SHOWN)

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 LINER LUMINAIRE HANG FREE UNTIL BOTH THE AIRCRAFT CABLES ARE SECURED AND EVENLY TENSIONED.
6. KEEP HANDS AWAY FROM THE SILICON DIFFUSER. DO NOT TOUCH IT AT ALL TIMES.

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LN1-P1SD-XX-STATICWHITE-INSTALL-INSTRUCTIONS

GENERAL INFORMATION:

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

1. LINER LUMINAIRE. (Pre-assembled as shown in FIG. 2)
2. INSTALLATION INSTRUCTIONS - Please completely read the install instructions before starting installation.
3. CANOPY SUBASSEMBLY (Pre-assembled as shown in FIG. 3)

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.

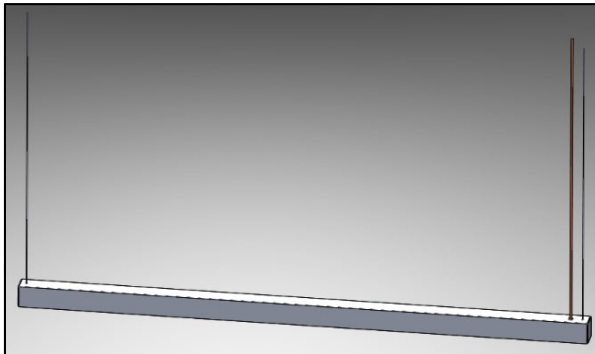


FIG. 2 - LINER LUMINAIRE

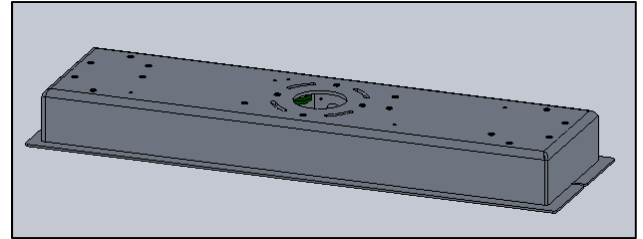


FIG. 3 - CANOPY SUBASSEMBLY

MOUNTING:

LINER MOUNTING [CANOPY]:

1. Dis-assemble the FINIAL and CANOPY PLATE from the CANOPY SUBASSEMBLY as shown in FIG. 4 below.

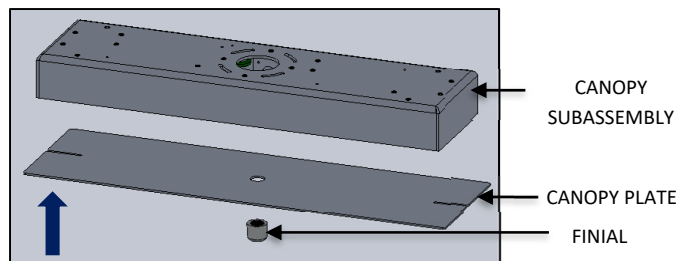


FIG. 4 - CANOPY DIS-ASSEMBLY

2. Assemble the CANOPY ASSEMBLY to the JUNCTION BOX (by others) with screws (by others) as shown in FIG. 5 below.

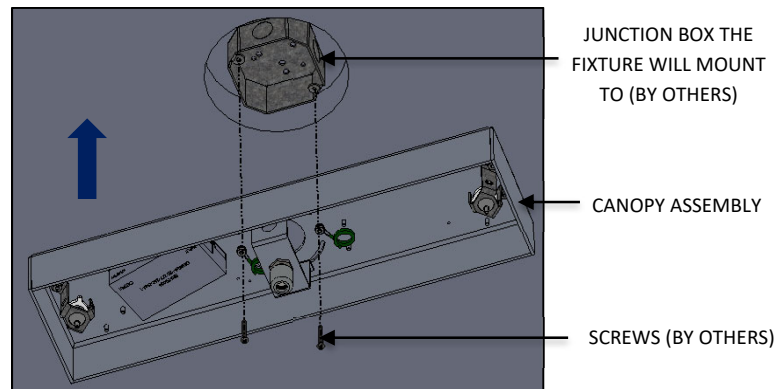


FIG. 5 - BOTTOM VIEW SHOWING CANOPY ASSEMBLY INSTALLATION

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LN1-P1SD-XX-STATICWHITE-INSTALL-INSTRUCTIONS

- Connect building supply wires to the driver. See WIRE DIAGRAM TABLE below for correct WIRE DIAGRAM. Refer to correct diagram 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.

WIRE DIAGRAM TABLE						
SERIES	HANGING SYSTEM	BODY SIZE	LIGHT SOURCE	LED OUTPUT	CONTROL	WIRE DIAGRAM
LN1: LINER	P1SD	24	STATIC WHITE	LED1&LED2	0-10V DIM 1% (DM1)	WIRE DIAGRAM ON PAGE 4
	P1SD	36	STATIC WHITE	LED1&LED2	0-10V DIM 1% (DM1)	WIRE DIAGRAM ON PAGE 4
	P1SD	48	STATIC WHITE	LED1&LED2	0-10V DIM 1% (DM1)	WIRE DIAGRAM ON PAGE 4
	P1SD	60	STATIC WHITE	LED1&LED2	0-10V DIM 1% (DM1)	WIRE DIAGRAM ON PAGE 4
	P1SD	72	STATIC WHITE	LED1&LED2	0-10V DIM 1% (DM1)	WIRE DIAGRAM ON PAGE 4

WIRE DIAGRAM:

DRIVER WIRES TO BUILDING SUPPLY

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

FIG. 6 – WIRE CONNECTION FROM BUILDING SUPPLY TO DRIVER

WIRE LABEL TABLE

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

FIG. 7 – WIRE CONNECTION FROM DRIVER TO FIXTURE CORD

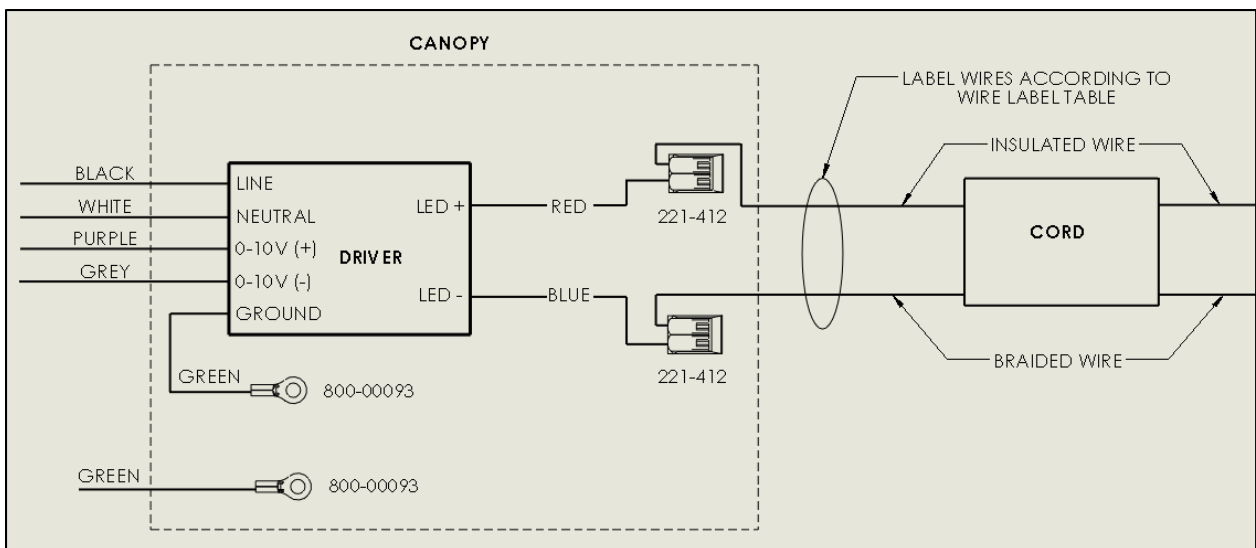


FIG. 8 – WIRE DIAGRAM FOR LN1-P1SD-STATICWHITE SERIES

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4. Pass the FINIAL and the CANOPY PLATE through the CORD as shown in FIG. 9.

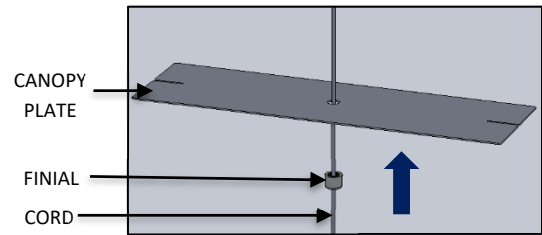


FIG. 9 – CANOPY PLATE AND FINIAL INSTALLATION

5. Raise the LINER LUMINAIRE up, with multiple people, to the ceiling and feed the AIRCRAFT CABLE through the GRIPLOCK and CORD through NIPPLE which is available in CANOPY SUBASSEMBLY. Adjust the AIRCRAFT CABLE to the desired length as shown in FIG. 10 & 11 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 any shortage.

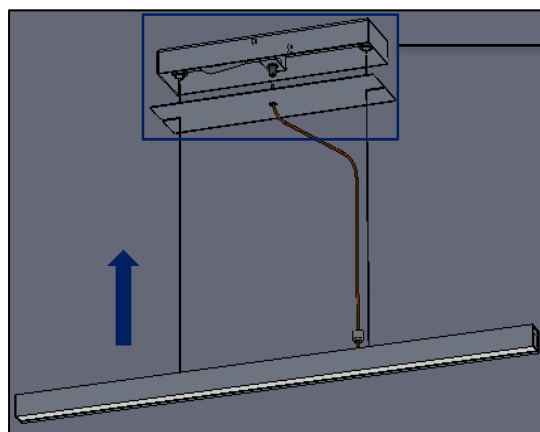


FIG. 10 - INSTALLATION VIEW

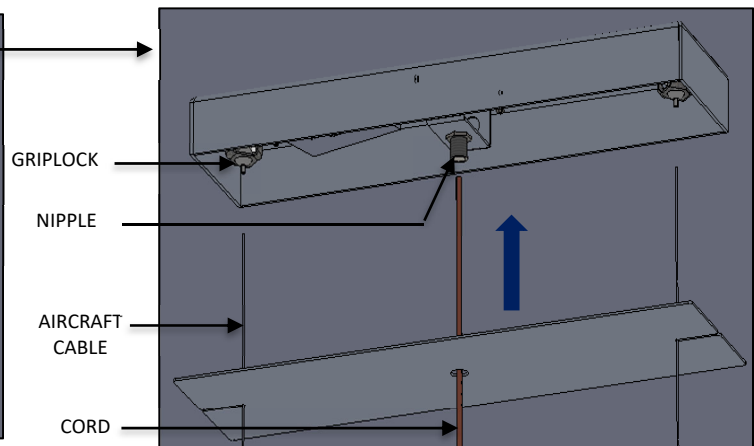


FIG. 11 – CANOPY DETAIL VIEW

WARNING:



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

LN1-P1SD-XX-STATICWHITE-INSTALL-INSTRUCTIONS

6. Make all wire connections inside the CANOPY in accordance with the national electrical code and all applicable local and state codes. See wire diagram on page 4 and instruction on how to shorten/install the cord on page 7.
7. Raise CANOPY PLATE and secure to ceiling by threading the FINIAL to the NIPPLE (CANOPY SUBASSEMBLY) until fully seated as shown in FIG. 12.

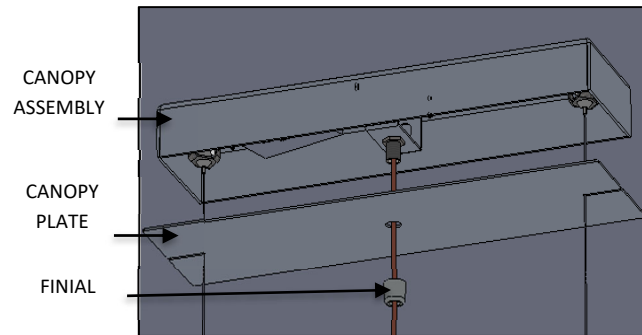


FIG. 12 - FINIAL INSTALLATION

8. Restore power to circuit the Liner 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.

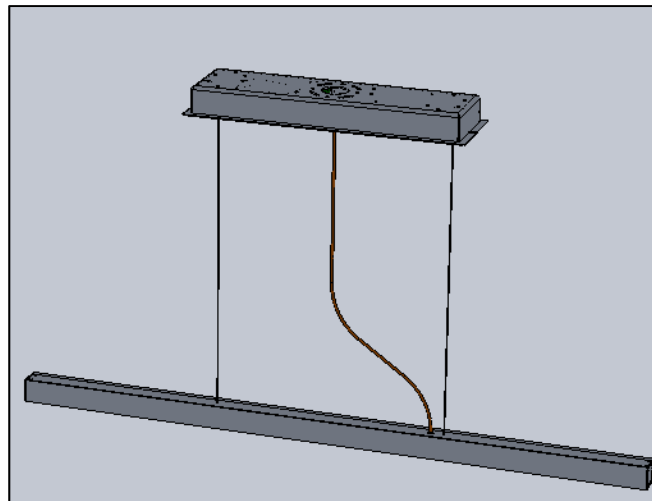


FIG. 13 - COMPLETED INSTALLATION OF LINER PENDANT WITH P1SD HANGING SYSTEM
LN1-P1SD-XX-MW-XXX-LEDX_XXK-UNV-XXX-DM1 (SHOWN)

CORD INSTALLATION INSTRUCTIONS

1. Strip off 1.00" of outer clear insulation exposing the outer metal braiding as shown in FIG. 14 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. 15 below.

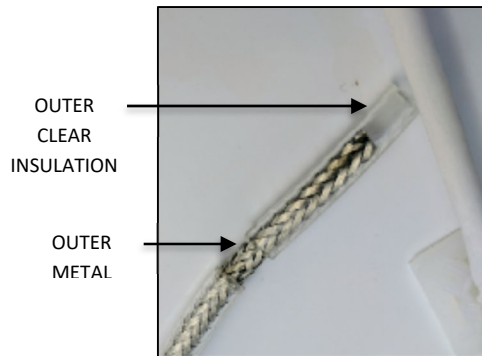


FIG. 14

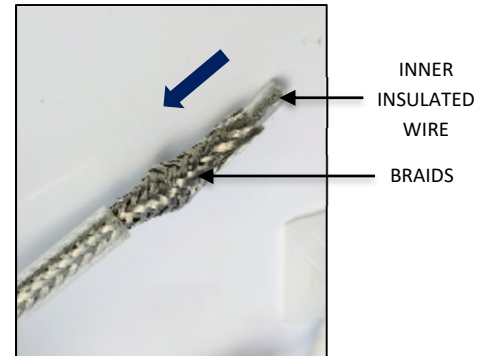


FIG. 15

2. Using a small pointed object, begin unweaving the exposed metal braiding as shown in FIG. 16 below. Position the unwoven metal strands on one side of the inner insulated wire and twist the individual strands together as shown in FIG. 17 below.

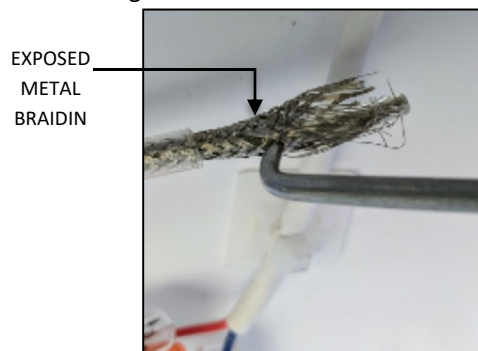


FIG. 16

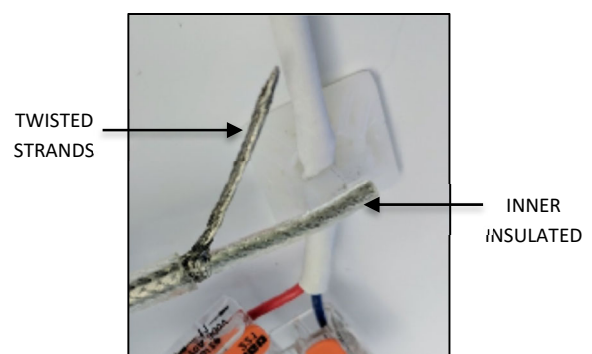


FIG. 17

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. 18 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. 19 below.

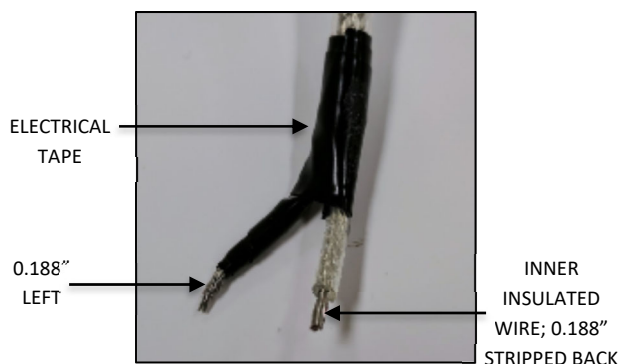


FIG. 18

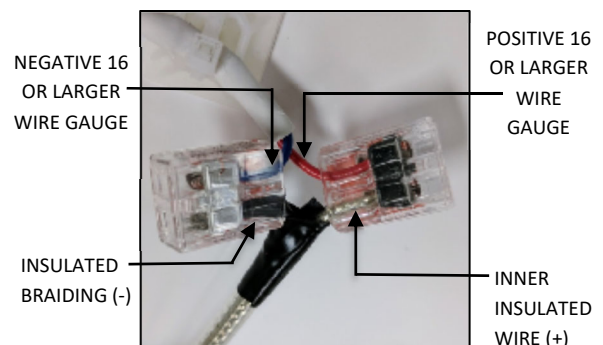


FIG. 19