INSTALLATION INSTRUCTIONS
NEO PENDANT WITH P1AN HANGING SYSTEM

These Instructions cover the NEO Luminaire with the following options:

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE DIAGRAM
NE1: NEO	P1AN: PENDANT WITH A SINGLE CENTER STEM; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS). REMOTE DRIVER ENCLOSURE	18”	STATIC WHITE	DM1	WIRE DIAGRAM ON PAGE 5
		24”			
		36”			

REMOTE DRIVER HOUSING
*NOTE: MAX 30’ FROM FIXTURE BODY

FIG. 1 – NE1-P1AN-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. 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.
5. UPON RECEIPT OF THE FIXTURE, THOROUGHLY INSPECT FOR ANY FREIGHT DAMAGE. ANY DAMAGE SHOULD BE BROUGHT TO THE ATTENTION OF THE DELIVERY CARRIER.
6. THESE INSTRUCTIONS DO NOT CLAIM TO COVER ALL DETAILS OR VARIATIONS IN THE EQUIPMENT, PROCEDURE, OR PROCESS DESCRIBED; NOR DO THEY PROVIDE DIRECTIONS FOR MEETING EVERY POSSIBLE CONTINGENCY DURING INSTALLATION, OPERATION, OR MAINTENANCE. WHEN ADDITIONAL INFORMATION IS DESIRED TO SATISFY A PROBLEM NOT COVERED SUFFICIENTLY FOR USER'S PURPOSE, PLEASE CONTACT YOUR NEAREST REPRESENTATIVE.
7. THESE INSTRUCTIONS COVER VARIOUS SIZES OPTIONS. FIXTURE SHOWN IN INSTRUCTIONS MAY DIFFER FROM FIXTURE BEING INSTALLED. INSTALLATION STEPS ARE THE SAME HOWEVER.
8. 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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GENERAL INFORMATION:

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

1. STEM SUBASSEMBLY (Pre-assembled as shown in FIG. 2)
2. REFLECTOR SUBASSEMBLY (with DIFFUSER & WIRES Pre-assembled as shown in FIG. 3)
3. REMOTE DRIVER BOX WITH DRIVER INSTALLED (as shown in FIG. 4)
4. INSTALLATION INSTRUCTIONS (shown in FIG. 5) - Please completely read the install instructions before starting installation.

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 - STEM SUBASSEMBLY

FIG.3 – REFLECTOR SUBASSEMBLY (WITH DIFFUSER & WIRES PREASSEMBLED)

FIG. 4 – REMOTE DRIVER BOX WITH DRIVER INSTALLED

FIG.5 - INSTALLATION INSTRUCTIONS

REMOTE DRIVER MOUNTING:

1. Shut off power.
2. Remove the lid of the REMOTE DRIVER HOUSING as shown in FIG. 6 below.

FIG. 6 – REMOTE DRIVER BOX

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 or larger gauge wire (by others) from the REMOTE DRIVER HOUSING to the junction box the fixture will mount to (by others). Inside the REMOTE DRIVER HOUSING, connect:
   - Driver LED output (+) and positive 16 or larger gauge wire.
   - Driver LED output (-) and negative 16 or larger gauge wire.

FIG. 7 – WIRE CONNECTION FROM BUILDING SUPPLY TO J-BOX

6. 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 as shown in FIG.8 & 9. Install the lid on the remote driver housing once connections are done.

WIRE DIAGRAM TABLE						
SERIES	**HANGING SYSTEM**	**BODY SIZE**	**BODYLIGHT SOURCE**	**LED OUTPUT**	**CONTROL**	**WIRE DIAGRAM**
NE1: NEO	P1AN	18”	STATIC WHITE	LED1 & LED2	DM1	WIRE DIAGRAM ON PAGE 5
		24”				
		36”				

WIRE DIAGRAM:

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	PINK	0-10V (-)
DM3	PURPLE	E2
DM3	PINK	E1

FIG. 8 – WIRE LABEL TABLE

SEE GENERAL NOTE 8 ON PAGE 1

FIG. 9 – WIRE DIAGRAM

NEO MOUNTING [CANOPY]:

1. Turn off Power.
2. Loosen CANOPY and slide down STEM by rotating the CANOPY 90 degrees counterclockwise as shown in FIG.10.
   NOTE: Do not remove the CANOPY completely out of STEM ASSEMBLY. **Be careful not to damage the finish of the fixture**.
3. Feed the WIRES through the CANOPY and STEM SUBASSEMBLY and pull it from the top to give connection to BUILDING SUPPLY as shown below in FIG. 11 and then assemble STEM ASSEMBLY to REFLECTOR SUBASSEMBLY at COUPLER.

FIG. 10 – CANOPY DISASSEMBLY

FIG. 11 – FEEDING WIRE TO STEM ASSEMBLY

4. For Multiple STEM ASSEMBLY feed wires through multiple CENTER STEM as shown in FIG. 12 and attach the STEMS based upon the length required using COUPLER and SHOULDER as shown in FIG. 13.

FIG. 12 – WIRE ROUTING FOR MULTIPLE STEM SECTIONS

FIG. 13 – DETAIL SHOWING STEM INSTALLATION

5. Raise the FIXTURE ASSEMBLY with multiple people and assemble the MOUNTING PLATE to the JUNCTION BOX (by others) with JUNCTION BOX SCREWS (by others) as shown below in FIG. 14.

FIG. 14 – MOUNTING PLATE INSTALLATION TO JUNCTION BOX

6. Raise the CANOPY and tighten onto the MOUNTING PLATE by lining the SPRING TABS up the NOTCHES in the MOUNTING PLATE as shown in FIG.15 and rotate it 90 degrees clockwise to install the canopy.

FIG. 15 – CANOPY ASSEMBLY

7. Restore power to circuit the NEO 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. 16 - COMPLETED INSTALLATION OF NEO PENDANT WITH P1AN HANGING SYSTEM