INSTALLATION INSTRUCTIONS
NEO PENDANT WITH P1AA HANGING SYSTEM

These Instructions cover the NEO luminaire with the following options:

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE DIAGRAM
NE1 (NEO)	P1AA: PENDANT WITH A SINGLE CENTER STEM	18”	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM ON PAGE 4
		24”			

FIG. 1 - NE1-P1AA-XX-MW-PTD-LEDX_XXK-UNV-XXX-DM1

GENERAL NOTES:

1. PLEASE COMPLETELY READ THE INSTALLATION INSTRUCTIONS BEFORE STARTING INSTALLATION.
2. TURN OFF POWER TO CIRCUIT FIXTURE WHILE IT IS BEING INSTALLED
3. INSTALL IN ACCORDANCE WITH ALL LOCAL, STATE AND NATIONAL CODES CONSULT WITH A QUALIFIED ELECTRICIAN FOR PROPER INSTALLATION. DUAL CIRCUITING IS STANDARD ON MULTI-BALLAST FIXTURES.
4. 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.
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. CANOPY SUBASSEMBLY. (As shown in FIG. 2)
2. STEM SUBASSEMBLY (As shown in FIG. 3)
3. REFLECTOR SUBASSEMBLY (with DIFFUSER & WIRES Pre-assembled 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 – CANOPY SUBASSEMBLY

FIG.3 - STEM SUBASSEMBLY

FIG.4 – REFLECTOR SUBASSEMBLY (WITH DIFFUSER & WIRES PREASSEMBLED)

FIG.5 - INSTALLATION INSTRUCTIONS

MOUNTING:

NEO MOUNTING:

1. Turn off Power. Twist the CANOPY to unlock it from the MOUNTING BRACKET and slide down the canopy as shown in FIG. 6. **BE CAREFUL NOT TO SCRATCH THE FINISH OF THE FIXTURE**.
2. Attach the DRIVER PLATE to the JUNCTION BOX (by other) with MOUNTING SCREWS as shown in FIG. 7.

FIG. 6 – CANOPY DISASSEMBLY

FIG. 7 – DRIVER PLATE INSTALLATION

3. Pass the STEM ASSEMBLY which was removed on step 1 through the CANOPY at center as shown below in FIG. 8 **BE CAREFUL NOT TO SCRATCH THE FINISH OF THE FIXTURE**.
4. Feed the WIRES through the STEM SUBASSEMBLY and pull it from the top to give connection to BUILDING SUPPLY as shown below in FIG. 8 and then assemble STEM ASSEMBLY to REFLECTOR SUBASSEMBLY at COUPLER.

FIG. 8 – CANOPY INSTALLATION

FIG. 9 – FEEDING WIRES TO STEM ASSEMBLY

5. For Multiple STEM ASSEMBLY feed wires through multiple CENTER STEM as shown in FIG. 10 and attach the STEMS based upon the length required using COUPLER and SHOULDER as shown in FIG. 11.

FIG. 10 – WIRE ROUTING FOR MULTIPLE STEM SECTIONS

FIG. 11 – DETAIL SHOWING STEM INSTALLATION

6. Raise the FIXTURE ASSEMBLY with multiple people and assemble CENTER STEM to the MOUNTING BRACKET by inserting the BALL into the opening inside the BRACKET as shown in FIG.12.

7. Make all wire connections in accordance with the NATIONAL ELECTRICAL CODES AND APPLICABLE LOCAL AND STATE CODES. See WIRE LABEL TABLE and WIRE DIAGRAM as shown in FIG.12 and 13.

FIG.11 – CENTER STEM INSTALLATION

WIRE LABEL TABLE		
CONTROL	WIRE COLOR	LABEL
ALL	BLACK	LINE VOLTAGE
ALL	WHITE	NEUTRAL
ALL	GREEN	GROUND
DMI	PURPLE	0-10V (+)
DMI	GREY	0-10V (-)

FIG. 12 – WIRE LABEL TABLE

FIG. 13 – WIRE DIAGRAM

8. Raise the CANOPY to the ceiling and TWIST TO LOCK in place. Be careful not to scratch the finish of the FIXTURE SUBASSEMBLY as shown in FIG.14.

FIG. 14 – CANOPY INSTALLATION

9. 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. 15 - COMPLETED INSTALLATION OF NEO PENDANT WITH P1AA HANGING SYSTEM