

## INSTALLATION INSTRUCTIONS

### ELEMENT, VAPOR OUTDOOR SCONCE WITH O10A HANGING SYSTEM

These Instructions cover the ELEMENT, VAPOR luminaire with the following options:

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE LABEL TABLE
1. ELEMENT (EL1)	O10A: OUTDOOR SCONCE ADA COMPLIANT SCONCE	24"	STATIC WHITE	DM1: 0-10V DIM 1%	WIRE LABEL TABLE ON PAGE 7
2. VAPOR (VP1)		36"			
		48"			
		60"			



FIG. 1-EL1-O10A-XX-XX-XXX-LEDX\_XXK-  
UNV-DM~

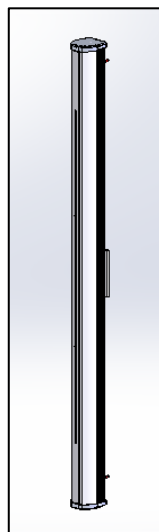


FIG. 2 - VP1-O10A-XX-XX-XXX-LEDX\_XXK-  
UNV-DM~

#### GENERAL NOTES:

- PLEASE COMPLETELY READ THE INSTALLATION 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.
- DO NOT LET THE LUMINAIRE HANG FROM THE WIRE CONNECTIONS.
- 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.

**OCL Architectural Lighting**

Phone: 314.863.1895

Fax: 314.863.3278

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## ELEMENT\_VAPOR-O10A-LED-INSTALLATION\_INSTRUCTIONS

### GENERAL INFORMATION:

You will receive the following with each ELEMENT/VAPOR O10A Series fixture:

1. ELEMENT/VAPOR OUTDOOR SCONCE LUMINAIRE. (as shown in FIG. 3)
2. INSTALLATION INSTRUCTION MANUAL (shown in FIG. 4) - Please completely read the install instructions before starting installation.
3. RED BAG (shown in FIG. 4)
  - i. TWO (2) ANCHOR BODY (shown in FIG. 5)
  - ii. TWO (2) ANCHOR SCREWS (shown in FIG. 5)
  - iii. TWO (2) SEALING WASHERS (shown in FIG. 5)

**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.**

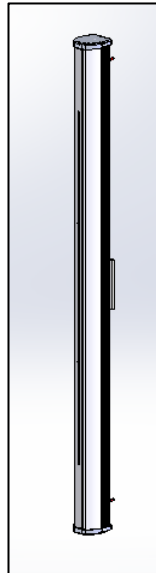


FIG.3 -VAPOR LUMINAIRE (AS SHOWN)

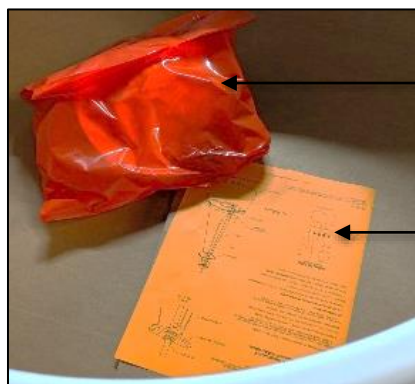


FIG.4 - RED BAG AND INSTALLATION INSTRUCTION MANUAL

RED BAG

INSTALLATION INSTRUCTION

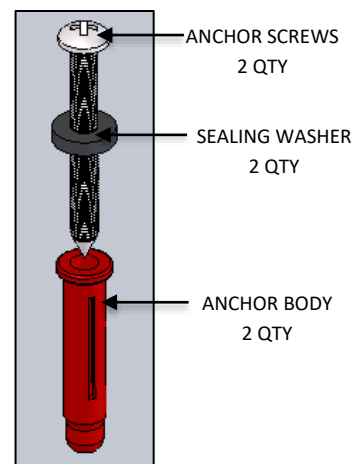


FIG.5 - MOUNTING HARDWARE

ANCHOR SCREWS  
2 QTY

SEALING WASHER  
2 QTY

ANCHOR BODY  
2 QTY

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## ELEMENT\_VAPOR-O10A-LED-INSTALLATION\_INSTRUCTIONS

### MOUNTING:

#### ELEMENT/VAPOR MOUNTING:

1. Turn off Power.
2. Remove the TOP and BOTTOM CAST ALUMINIUM CAPS by unscrewing the COUNTER SUNK SCREWS in the caps. Then, remove the DIFFUSER by sliding it outwards as shown in FIG. 6.

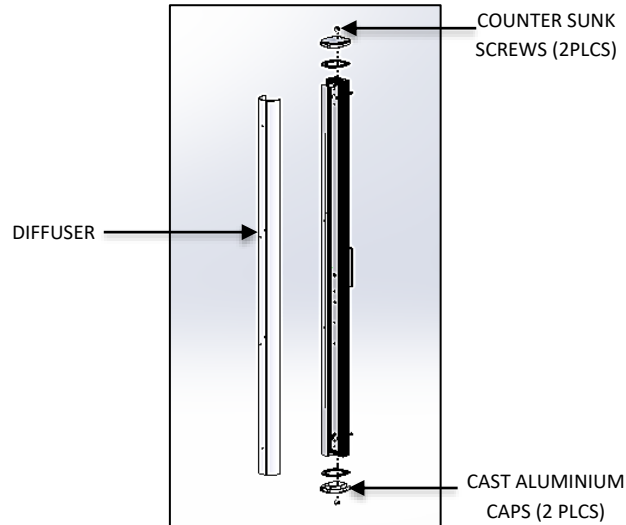


FIG.6 – DIFFUSER DISASSEMBLY

3. Unscrew the two #6-32 screws and remove the DRIVER COVER from the EXTRUDED BACK CHANNEL. Be careful not to damage LED ARRAY as shown in FIG. 7.

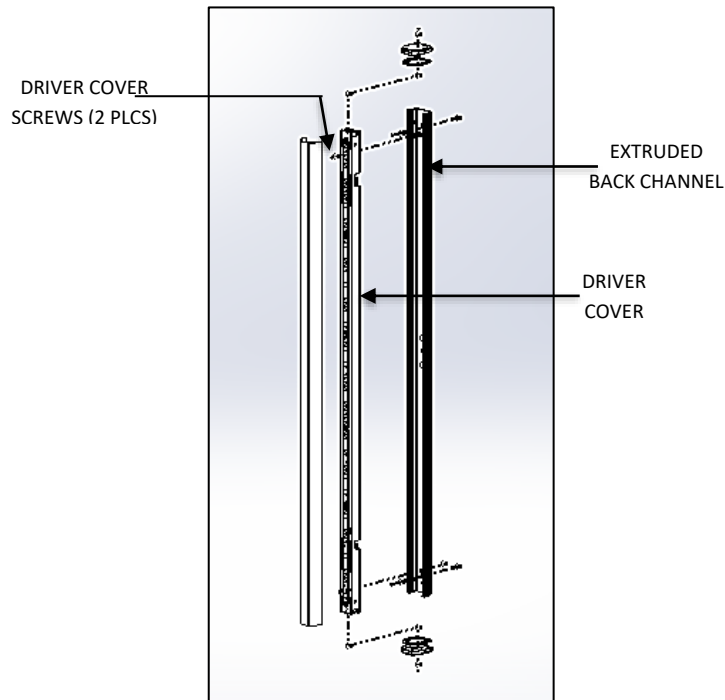


FIG.7 – DRIVER COVER DISASSEMBLY

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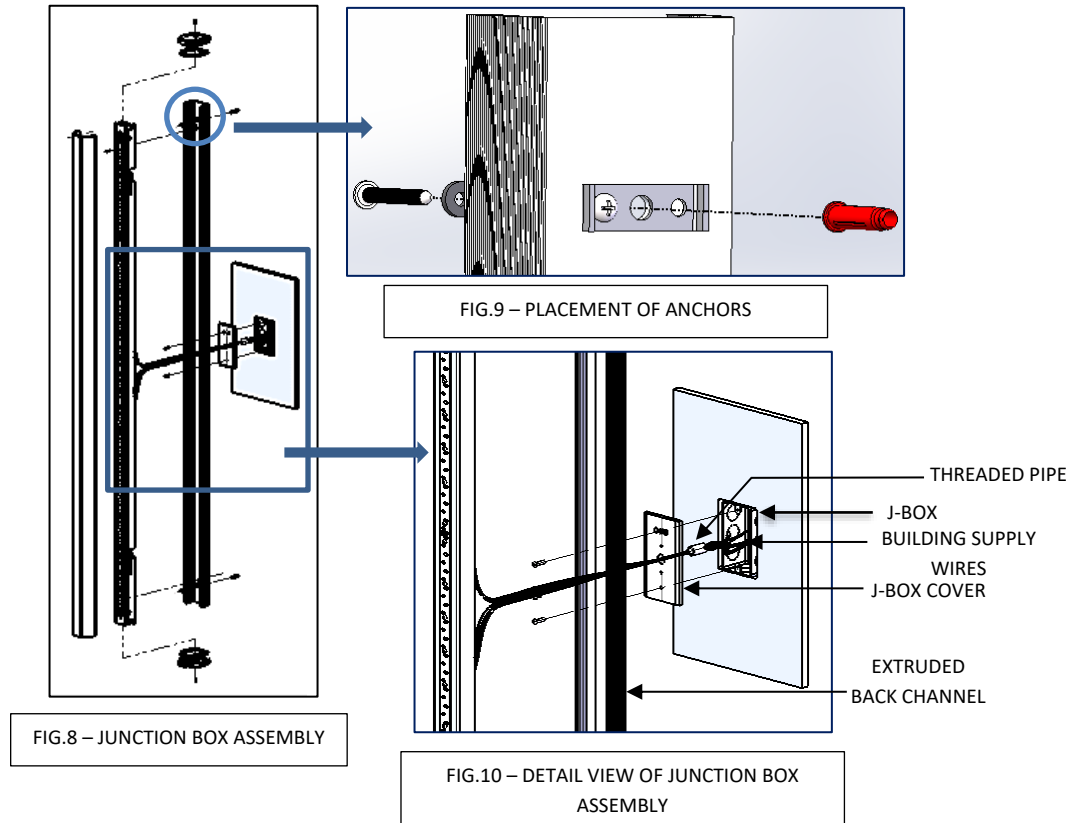
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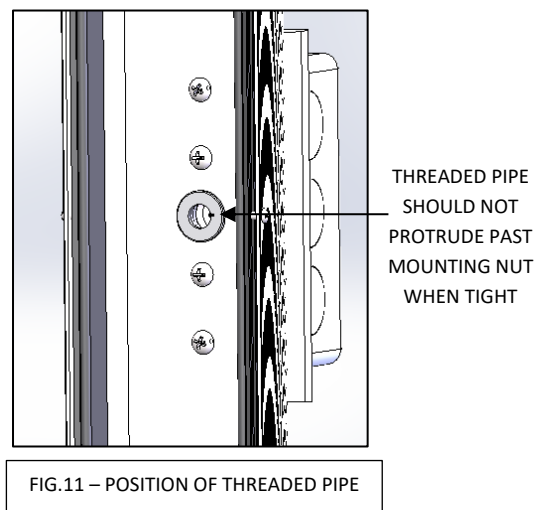
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## ELEMENT\_VAPOR-O10A-LED-INSTALLATION\_INSTRUCTIONS

4. Place the JUNCTION BOX COVER and EXTRUDED BACK CHANNEL over the THREADED PIPE, pulling the provided conductors through the CENTER HOLE. Mark the placement for the provided wall ANCHORS through the holes near the top and bottom of the EXTRUDED BACK CHANNEL as shown in FIG.8,9 &10.



5. Adjust the depth of THREADED PIPE so that it does not protrude beyond the back edge of MOUNTING NUT when TIGHT as shown in FIG.11



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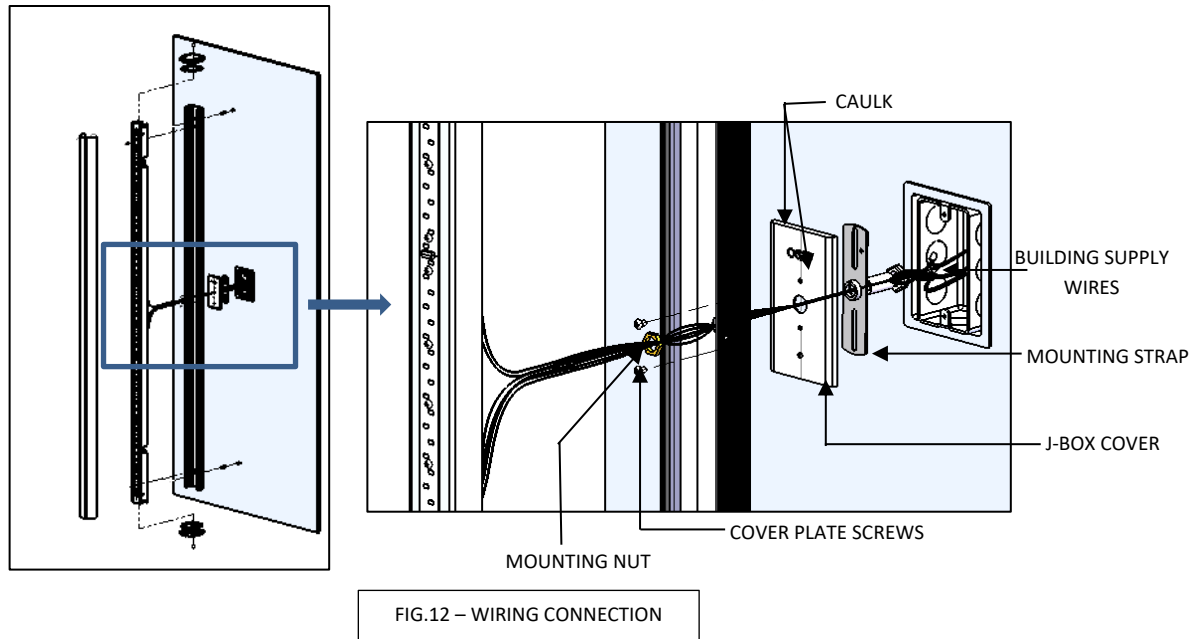
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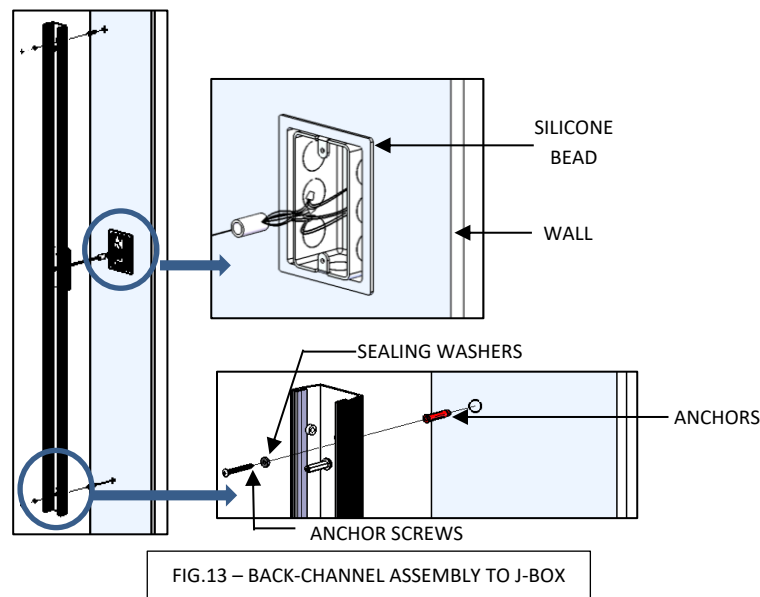
## ELEMENT\_VAPOR-O10A-LED-INSTALLATION\_INSTRUCTIONS

6. Pull Black, White & Green supply wires through center hole of BACK CHANNEL as shown in FIG. 12. Caulk all the way around the back edge of JUNCTION BOX COVER, where it meets the wall. Also put a circle of caulk on the front of the JUNCTION BOX COVER around the three vertical holes. And secure with the MOUNTING NUT, LOCK WASHER and TWO #8-32 ROUND HEADED SCREWS provided.



7. Mark ANCHOR HOLE locations on wall using BACK-CHANNEL. Drill 3/16" dia. holes and insert provided ANCHORS as shown in FIG. 13.

**NOTE:** Apply Thick Bead of Silicone around J-BOX. Failure to do so will void all warranties. Make sure that Bead is completely outside of fixture mounting hole location.



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## ELEMENT\_VAPOR-O10A-LED-INSTALLATION\_INSTRUCTIONS

8. Make all wire connections in accordance with NATIONAL ELECTRICAL CODE and applicable LOCAL AND STATE CODES. Push the wire connections back into the J-BOX.SEE WIRE LABEL TABLE as shown in FIG.14 for wire connections.

WIRE DIAGRAM TABLE						
SERIES	HANGING SYSTEM	BODY SIZE	BODYLIGHT SOURCE	LED OUTPUT	CONTROL	WIRE LABEL TABLE
1. ELEMENT (EL1) 2. VAPOR (VP1)	O10A: OUTDOOR SCONCE ADA COMPLIANT SCONCE	24" 36" 48" 60"	STATIC WHITE	LED1  LED2	DM1: 0-10V DIM 1%	WIRE LABEL TABLE ON PAGE 7

WIRE LABEL TABLE		
CONTROL	WIRE COLOR	LABEL
ALL	BLACK	LINE VOLTAGE
ALL	WHITE	NEUTRAL
ALL	PURPLE	DM1 (+)/DM3 (+)
ALL	PINK	DM1 (-)/DM3 (-)
ALL	GREEN	GROUND

SEE GENERAL NOTE 6 ON PAGE 1

FIG. 14 – WIRE LABEL TABLE

9. Reattach DIFFUSER by pushing the legs into the GASKETED SIDE CHANNELS. Make sure top and bottom are flush with the ends of the EXTRUDED BACK CHANEL provided as shown in FIG.15.
10. Reattach the CAST ALUMINIUM CAPS and secure with the COUNTER SUNK SCREWS provided as shown in FIG.16.

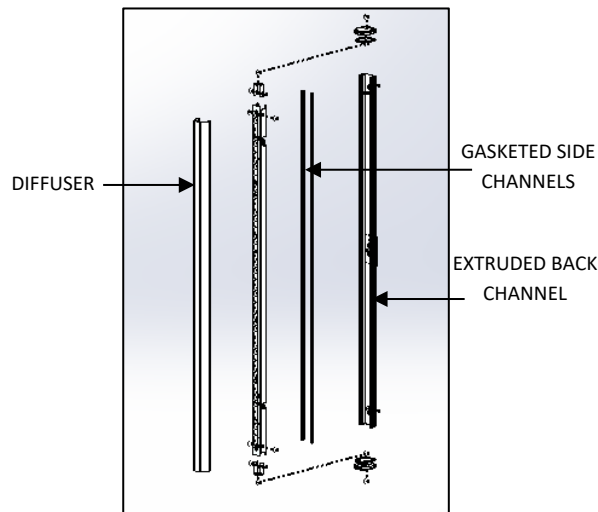


FIG.15 – DIFFUSER ASSEMBLY

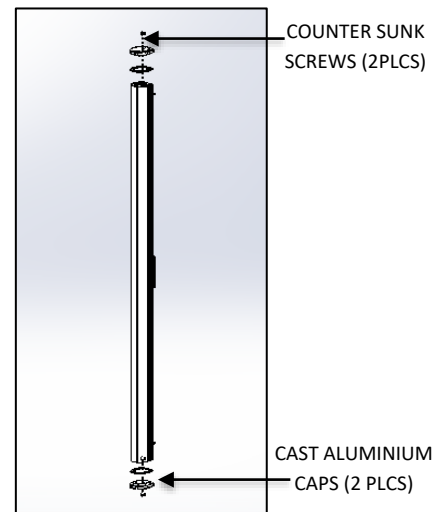


FIG. 16 – FINAL ASSEMBLY

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11. Restore power to circuit the series 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.

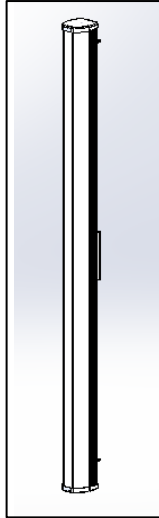


FIG. 17 - EL1-O10A-XX-XX-XXX-  
LEDX\_XXK-UNV-DM~

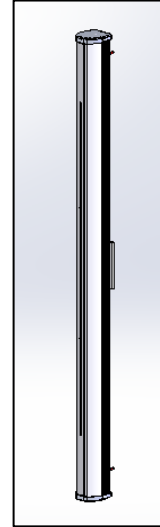


FIG. 18 - VP1-O10A-XX-XX-XXX-LEDX\_XXK-  
UNV-DM~