## INSTALLATION INSTRUCTIONS
## GLOWSTICK PRINTZ PENDANT WITH P1CF HANGING SYSTEM

These instructions cover the GLOWSTICK PRINTZ PENDANT luminaire with the following options:

| SERIES | HANGING SYSTEM | SIZE | LIGHT SOURCE | CONTROL | WIRE DIAGRAM |
|---|---|---|---|---|---|
| GSP1 – UNDULA<br>GSP2 – VOLTA<br>GSP3 –TORRA | P1CF: PENDANT WITH SURFACE MOUNT CANOPY, SINGLE SILVER POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS) | 24<br>30<br>36 | STATIC WHITE | DM1 / DM3 | WIRE DIAGRAM ON PAGE 5 |

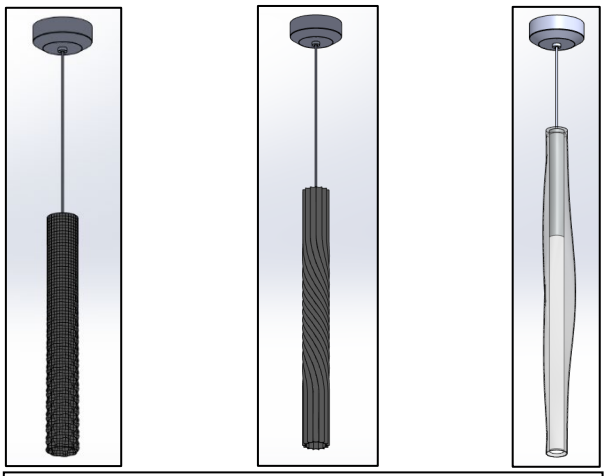


FIG. 1 - GSPX-P1CF-XX-CR-XXX-LED1_XXK-UNV-XXX-DM~

**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.
   -CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT. CONSULTER UNE ÉLECTRICIEN QUALIFIÉ POUR VOUS ASSURER QUE LES CONDUCTEURS DE LA DÉRIVATION SONT ADÉQUATS.
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 GLOWSTICK PRINTZ LUMINAIRE HANG FREE UNTIL THE CORD IS SECURED AND EVENLY TENSIONED.
6. 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 GLOWSTICK PRINTZ series pendant fixture:

1. GLOWSTICK LUMINAIRE with CORD attached. (Pre-assembled as shown in FIG. 2)
2. INSTALLATION INSTRUCTIONS (shown in FIG. 4) - Please completely read the install instructions before starting installation.
3. PRINTED SHADE (shown in FIG. 2A)
4. RED BAG (shown in FIG. 4) contains below following items:

    a. CANOPY
    b. MOUNTING KIT CONTENTS (as shown in FIG. 3)
        i. STRAIN RELIEF
        ii. MOUNTING BRACKET ASSEMBLY
        iii. FINIAL

**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.**

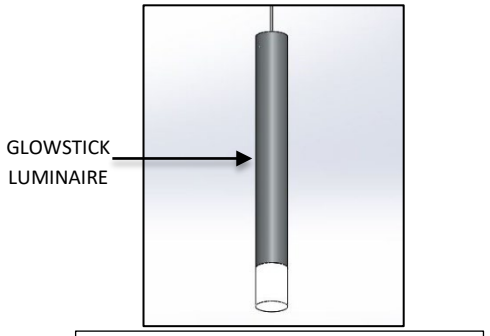



FIG. 2 - GLOWSTICK LUMINAIRE (PRE-ASSEMBLED)

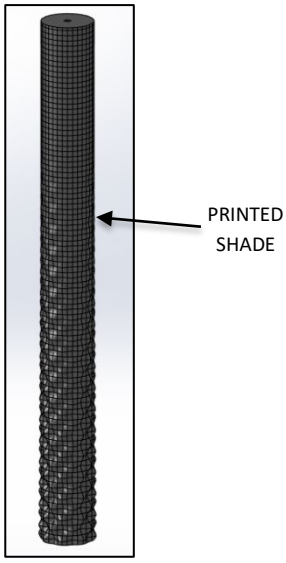



FIG. 2A - PRINTED SHADE

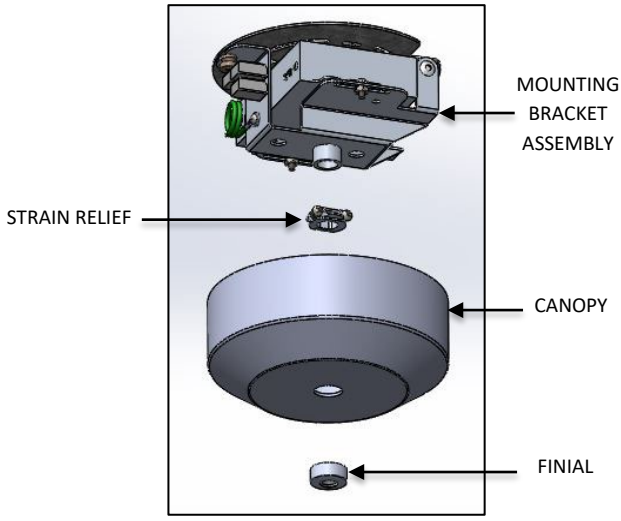



FIG. 3 - MOUNTING KIT CONTENTS

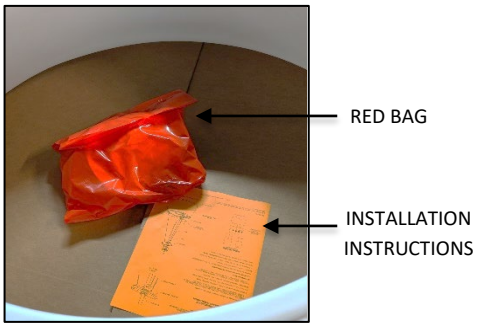



FIG. 4 - RED BAG AND INSTALLATION INSTRUCTIONS

**MOUNTING:**
**GLOWSTICK MOUNTING [CANOPY]:**

1. Loosen the CANOPY FINIAL and remove CANOPY as shown in FIG. 5. Be careful not to scratch finish.
2. Unscrew the KNURLED NUT securing MOUNTING PLATE to MOUNTING BRACKET assembly. Swing DRIVER MOUNTING BRACKET ASSEMBLY down and out of the way as shown below in FIG. 6.

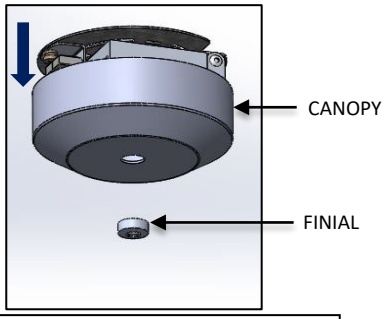



FIG. 5 – CANOPY DIS-ASSEMBLY

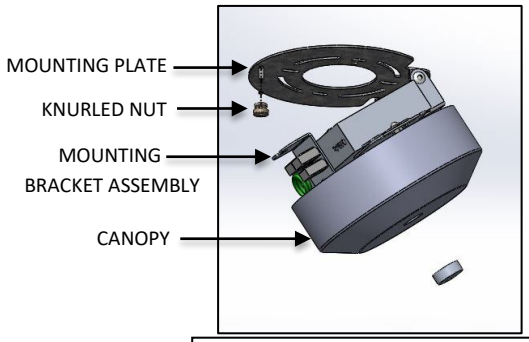



FIG. 6 – MOUNTING PLATE DIS-ASSEMBLY

3. Attach MOUNTING BRACKET assembly to JUNCTION BOX (by other) as shown below in FIG. 7.
4. Feed the CORD through FINIAL and CANOPY as shown below in FIG. 8.

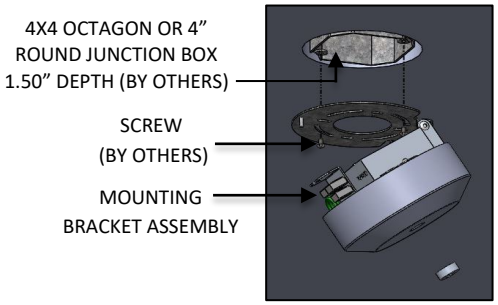



FIG. 7 – MOUNTING BRACKET ASSEMBLY INSTALLATION

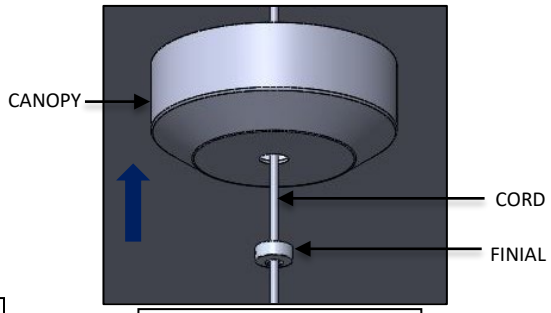



FIG. 8 – CORD ASSEMBLY

5. Feed power cord through PRINTED SHADE and gently rest on top of GLOWSTICK FIXTURE (FIG.9). Then raise the GLOWSTICK BODY assembly and pass the cord through MOUNTING BRACKET as shown below in FIG. 10. Adjust fixture drop to desired height by adjusting the cord length inside the MOUNTING BRACKET ASSEMBLY. Mark cord with marker inside of DRIVER MOUNTING BRACKET as shown below in FIG. 10. Trim off excess cord leaving minimum of 8.00" past the top of the DRIVER MOUNTING BRACKET all thread to allow room for wire connections.

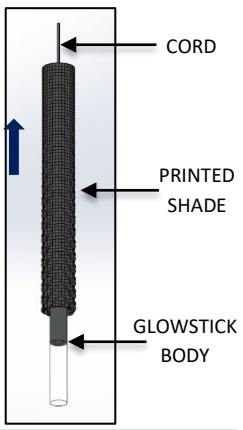
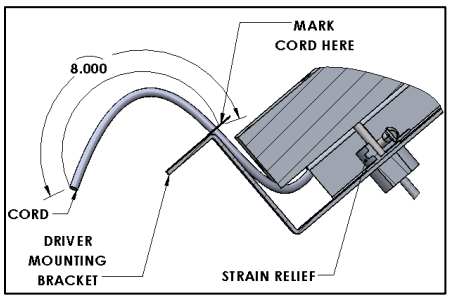



FIG. 9 – FIXTURE INSTALLATION




DETAIL A

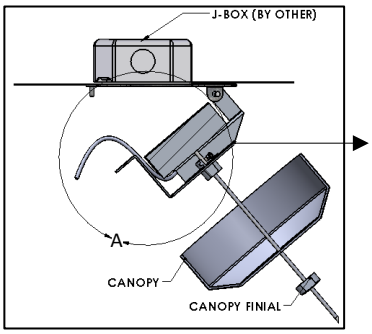



FIG. 10 - CORD INSTALLATION (SECTION VIEW)

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6. Insert cord through the strain relief and tighten two screws on the strain relief above hanging bracket where marked. If screws are not properly tightened cord could slip through the strain relief, causing the fixture to fall as shown in FIG. 11.

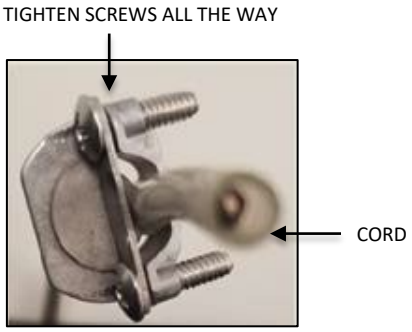



FIG. 11 – STRAIN RELIEF WITH CORD INSERTED

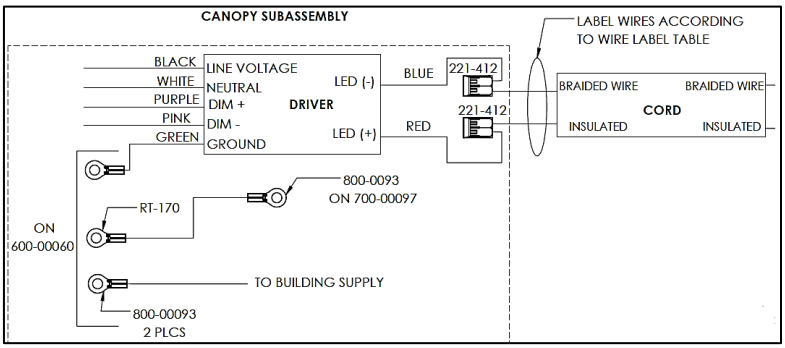
**WARNING:**

**Do not let the GLOWSTICK PRINTZ LUMINAIRE hang free until CORD is secure and evenly tensioned.**

7. Make wire connections between driver and fixture cord inside the junction box (by others) in accordance with the national electrical code and all applicable local and state codes. See wire diagram shown in FIG. 12 and instructions on how to strip the power cord on page 7.

8. Make wire connections between building supply and driver. See WIRE DIAGRAM and WIRE LABLE TABLE as shown in FIG. 12 and FIG. 13. Make all wire connections in accordance with the NATIONAL ELECTRICAL CODE and all applicable LOCAL AND STATE CODES.

| WIRE DIAGRAM TABLE | | | | | | |
|---|---|---|---|---|---|---|
| **SERIES** | **HANGING SYSTEM** | **SIZE** | **BODYLIGHT SOURCE** | **LED OUTPUT** | **CONTROL** | **WIRE DIAGRAM** |
| GSPX : GLOWSTICK PRINTZ PENDANT | P1CF | 24<br>30<br>36 | STATIC WHITE | LED1 | DM1 / DM3 | WIRE DIAGRAM ON PAGE 5 |




SEE GENERAL NOTE 7 ON PAGE 1

FIG. 12 – WIRE DIAGRAM

**DRIVER WIRES TO BUILDING SUPPLY**
BLACK WIRE = LINE VOLTAGE
WHITE WIRE = NEUTRAL
GREEN WIRE = GROUND
PURPLE = DIM +
PINK = DIM -

FIG. 14 – WIRE CONNECTION FROM BUILDING SUPPLY TO DRIVER

| WIRE LABEL TABLE | | |
|---|---|---|
| **CONTROL** | **WIRE** | **LABEL** |
| ALL | INSULATED WIRE | LED+ |
| ALL | BRAIDED WIRE | LED- |

FIG. 13 – WIRE CONNECTION FROM DRIVER TO FIXTURE CORD

9. Swing DRIVER MOUNTING BRACKET back over and secure it with KNURLED NUT removed in step 2.

10. Raise CANOPY and secure to ceiling by threading the FINIAL to the NIPPLE (available in MOUNTING BRACKET ASSEMBLY) as shown below in FIG. 15.

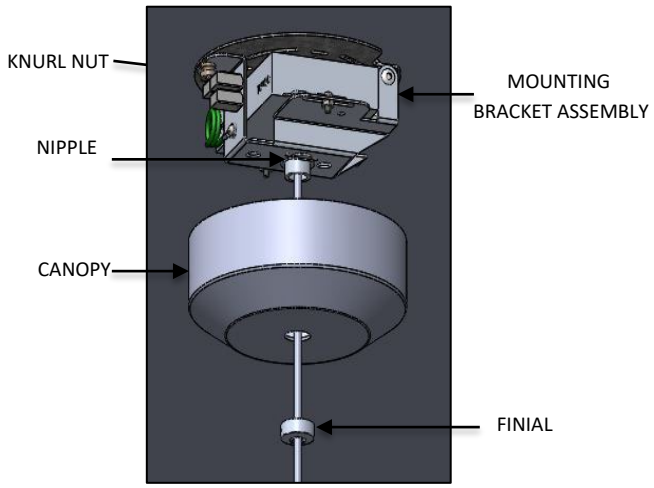



FIG. 15 – FINIAL INSTALLATION

11. Restore power to circuit the GLOWSTICK PRINTZ 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.

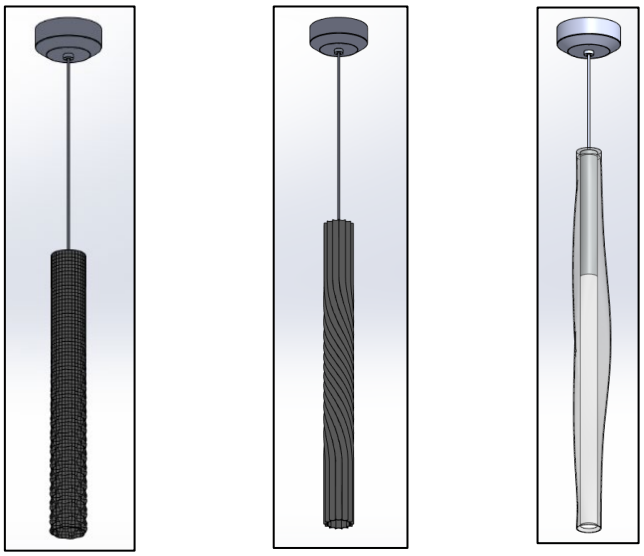


FIG. 16 - COMPLETED INSTALLATION OF GLOWSTICK PRINTZ PENDANT WITH P1CF HANGING SYSTEM

**CORD INSTALLATION INSTRUCTIONS**

1. Strip off 1.00" of outer clear insulation exposing the outer metal braiding as shown in FIG. 17 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. 18 below.

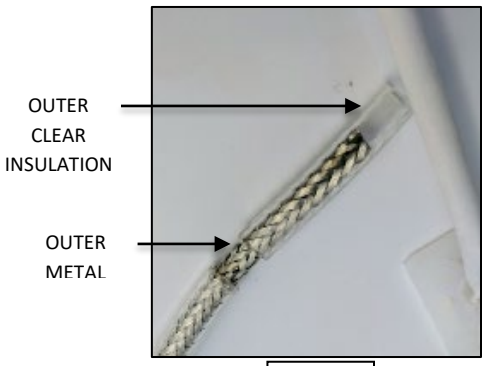



FIG. 17

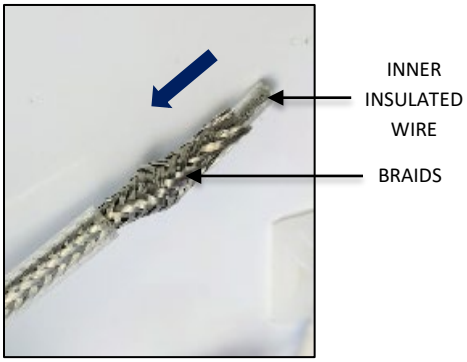



FIG. 18

2. Using a small, pointed object, begin unweaving the exposed metal braiding as shown in FIG. 19 below. Position the unwoven metal strands on one side of the inner insulated wire and twist the individual strands together as shown in FIG. 20 below.

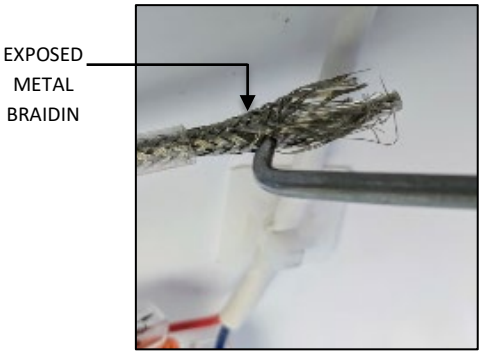



FIG. 19

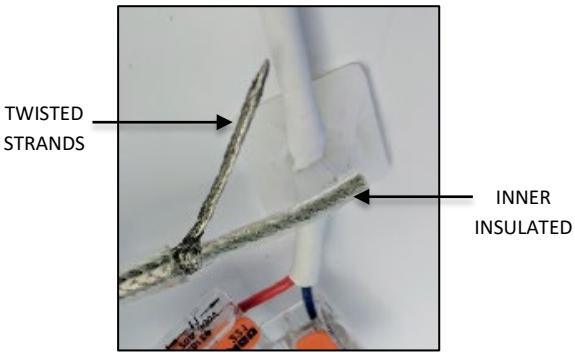



FIG. 20

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 strained core wire as shown in FIG. 21 below. Connect the inner insulated wire (+) to the RED DRIVER LED (+) wire and the outer braiding (-) to the BLUE DRIVER LED (-) wire located in the mounting bracket assembly as shown in FIG. 22 below.

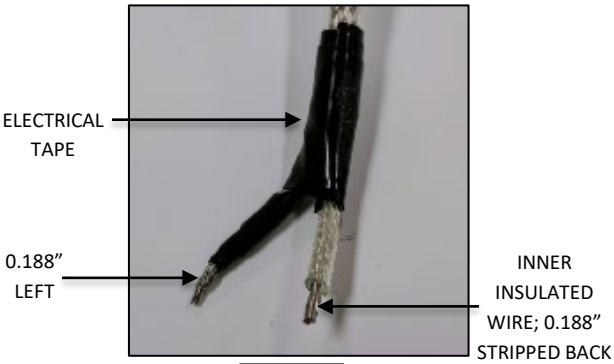



FIG. 21

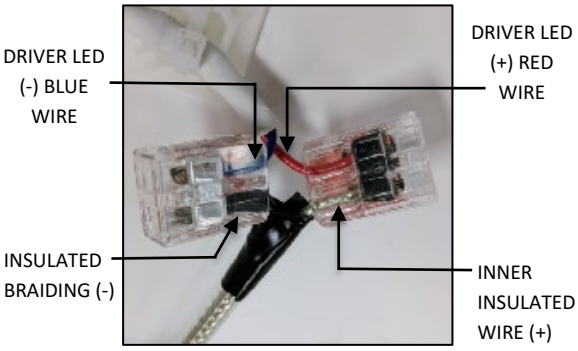



FIG. 22