INSTALLATION INSTRUCTIONS
GLOWSTICK PRINTZ PENDANT WITH P1FE 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 GSP2 – VOLTA GSP3 –TORRA	P1FE: PENDANT WITH FLAT MATTE WHITE CANOPY, SINGLE SILVER POWER CORD; MOUNTS TO OCL RECESSED J-BOX (PROVIDED BY OCL)	24 30 36	STATIC WHITE	DM1 / DM3	WIRE DIAGRAM ON PAGE 9

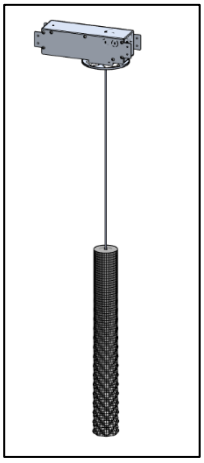


FIG. 1-GSP1-P1FE-24-CR-XXX-LED1_XXK-UNV-XXX-DM~

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 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.

OCL Architectural Lighting
Phone: 314.863.1895
Fax: 314.863.3278
www.ocl.com

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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. 3) - Please completely read the install instructions before starting installation.
3. PRINTED SHADE (shown in FIG. 2A)
4. RED BAG (shown in FIG. 3) contains

    a. CANOPY SUBASSEMBLY (as shown in FIG. 4)

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.

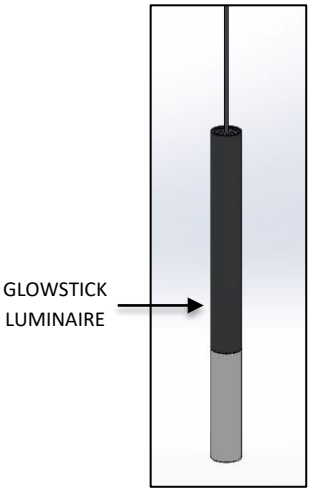


FIG.2 - GLOWSTICK LUMINAIRE (PRE-ASSEMBLED)

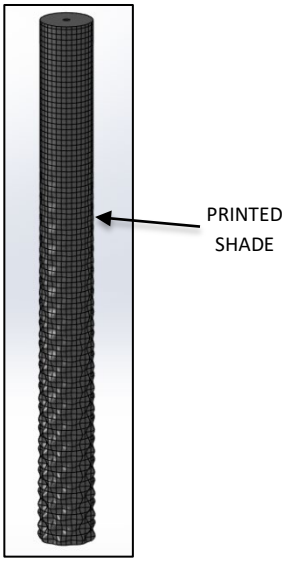


FIG. 2A - PRINTED SHADE

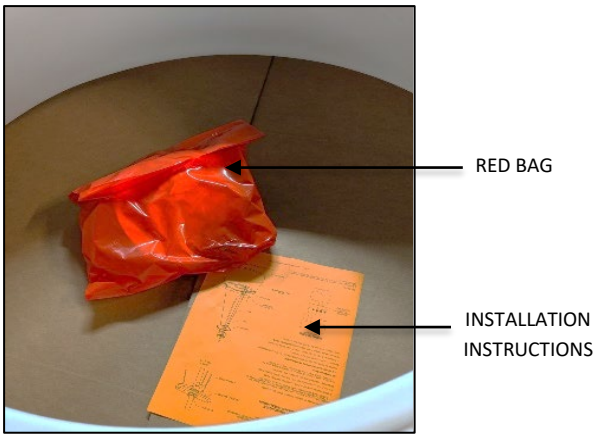


FIG.3 - RED BAG AND INSTALLATION INSTRUCTIONS

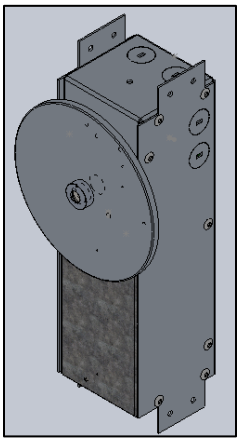


FIG. 4 - CANOPY SUBASSEMBLY

GLOWSTICK MOUNTING:

1. Unscrew CANOPY FINIAL and remove the CANOPY PLATE out of J-BOX as shown in FIG 5.
2. Remove the Screws securing MOUNTING BRACKET ASSEMBLY, and slide MOUNTING BRACKET ASSEMBLY out of J-BOX as shown in FIG. 6.

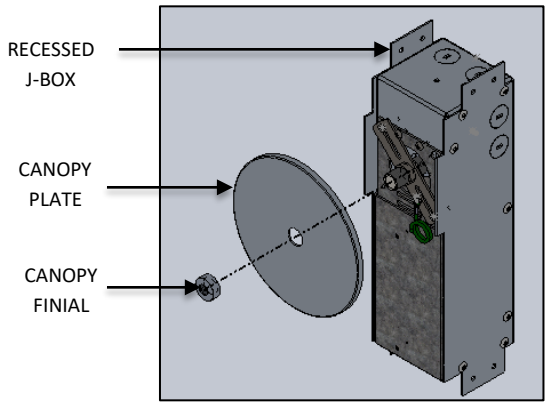


FIG. 5 - FINIAL AND CANOPY DISASSEMBLY

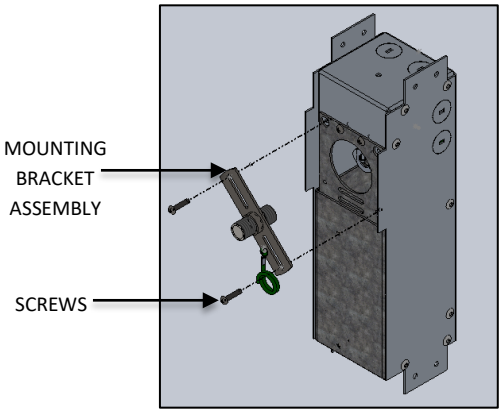


FIG. 6 - MOUNTING BRACKET DISASSEMBLY

NOTE:

For **GLOWSTICK MOUNTING [HARD CEILING]** see steps from 3 to 11,
For **GLOWSTICK MOUNTING [GRID CEILING]** see steps from 12 to 19.

GLOWSTICK MOUNTING [HARD CEILING]:

3. Remove the Screws securing DRIVER PLATE, and slide DRIVER PLATE out of J-BOX as shown in FIG. 7.
4. Attach RECESSED JUNCTION BOX to WALL STUD or CEILING JOIST at desired height and location before drywall is installed as shown below in FIG.8. Use appropriate anchor screws to secure to stud. (**Make sure the front of J-BOX is flush with the surface of the STUD and the large end of the BOX should face downward when mounted in the wall**).
5. Remove the appropriate knock out for desired wire entrance location as shown in FIG. 9.

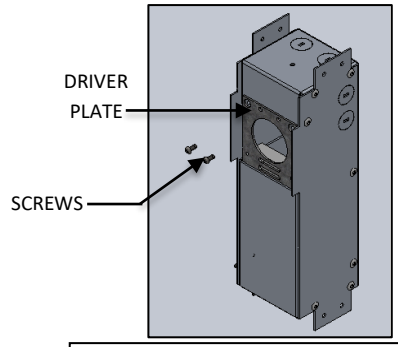


FIG. 7 - DRIVER PLATE DISASSEMBLE

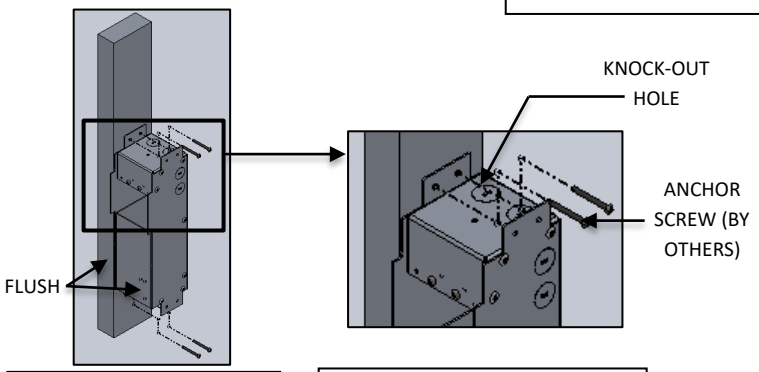


FIG. 8 - J-BOX ASSEMBLY TO WALL

FIG. 9 - DETAIL SHOWNG KNOCK-OUT HOLE AND SCREWS

6. Attach appropriate 1/2" CONDUIT FITTING to knockouts and run building supply connections into the box. make sure to pull the wires out through the square opening as shown below in FIG. 10 & 11.

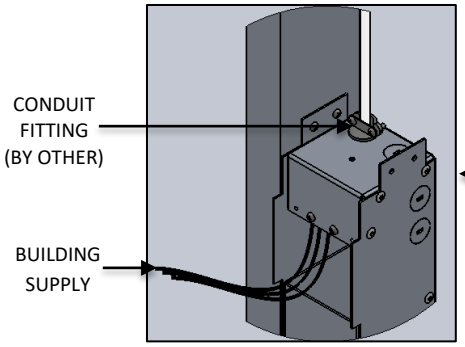


FIG. 10 - DETAIL SHOWING BUILDING SUPPLY AND CONDUIT FITTING

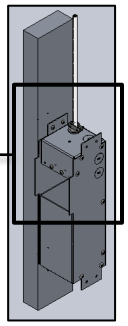


FIG. 11 - CONDUIT FITTING TO J-BOX ASSEMBLY

7. Cut a SQUARE HOLE no larger than 3.375" x 3.625.
8. Attach the desired wall (ceiling) covering and finish accordingly as shown in FIG. 12.

Min Wall/Ceiling Thickness is .5"
Max Wall/Ceiling Thickness is 1.25

9. Slide DRIVER PLATE into the box with the driver facing rearward as shown in FIG. 13. As you slide the plate in, make sure you pull the BUILDING SUPPLY connections through the large hole in the DRIVER PLATE and other wires will already be through center hole.
10. Make BUILDING SUPPLY wire connections and tuck them into the top section of the box leaving the DRIVER WIRES out as shown in FIG. 14.

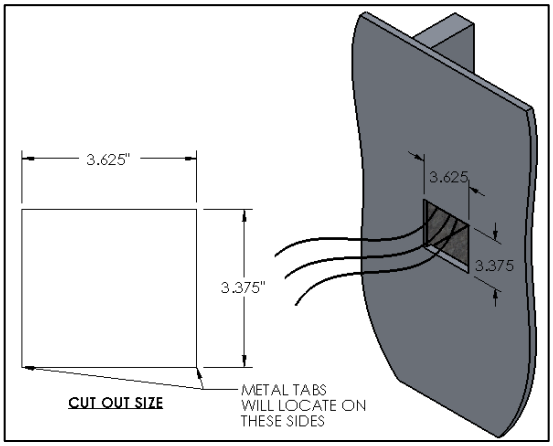


FIG. 12- J-BOX ASSEMBLY AND WALL CUT OUT

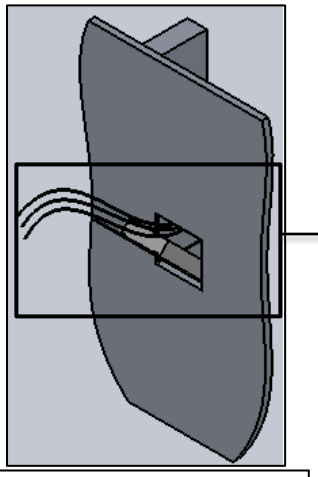


FIG. 13 - DRIVER PLATE ASSEMBLY

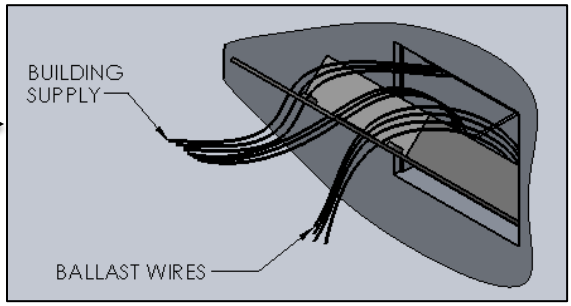


FIG. 14 - DETAIL SHOWING BUILDING SUPPLY AND DRIVER WIRE CONNECTION

11. Reattach DRIVER PLATE with the screws provided as shown in FIG. 16.

CAUTION: Make sure FIXTURE WIRES from DRIVER as shown in FIG.15 are capped while waiting to install fixture.

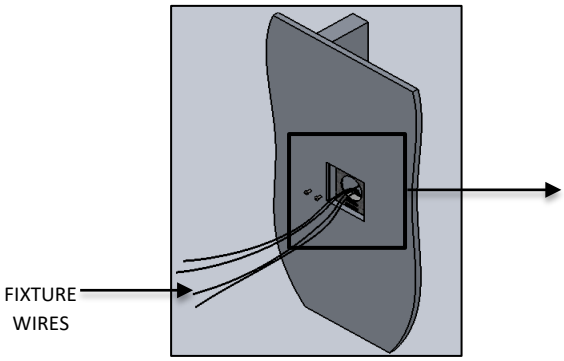


FIG. 15 - DRIVER PLATE RE-ASSEMBLED

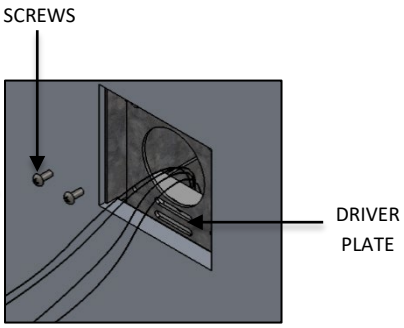


FIG. 16 - DETAIL SHOWING SCREW

GLOWSTICK MOUNTING [GRID CEILING]:

12. Cut a 3.375" high and 3.625" Wide Hole into the CEILING TILE and insert the TILE into the desired location as shown below in FIG. 17.
13. Remove the DRIVER PLATE by removing the Two Screws and slide out as shown below in FIG. 18.

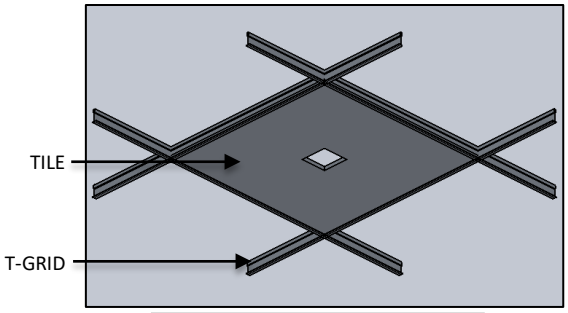


FIG. 17 - TILE INSTALLATION

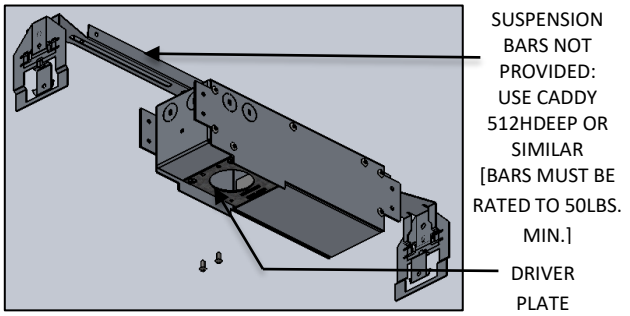


FIG. 18 - DRIVER PLATE DISASSEMBLE

14. Remove the desired knock out and attach appropriate 1/2" CONDUIT FITTING and pull the BUILDING SUPPLY wires through the opening as shown below in FIG. 19.
15. From an adjacent opening attach, the J-BOX to the GRID with the SUSPENSION BARS [BY OTHER] attached on the top. (Position of the J-BOX can be moved by loosening the top 2 SCREWS) as shown below in FIG.20.
16. Center the flanges into the Square Hole, the surface of the J-BOX should almost rest onto the TILE.

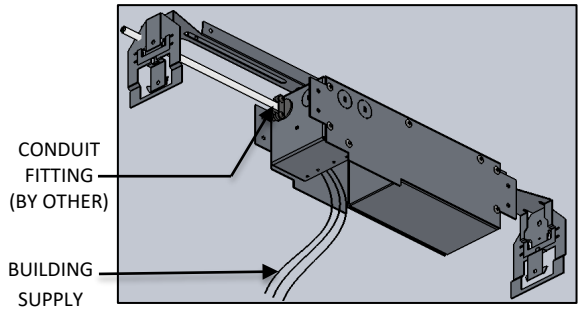


FIG. 19 - CONDUIT FITTING TO J-BOX ASSEMBLY

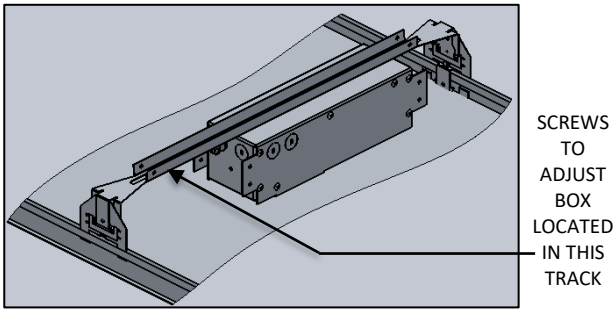


FIG. 20 - J-BOX ASSEMBLY ORIENTATATION

17. Slide DRIVER PLATE into the box with the DRIVER facing up.as you slide the plate in, make sure you pull the BUILDING SUPPLY connections through the large hole in the DRIVER PLATE as shown below in FIG. 21 and other wires will already be through the center hole.
18. Secure the DRIVER PLATE with the screws provided.
19. Make BUILDING SUPPLY WIRE connections and tuck them into the small section of the J-BOX.

CAUTION: Make sure FIXTURE WIRES from DRIVER are capped while waiting to install fixture as shown in FIG. 22.

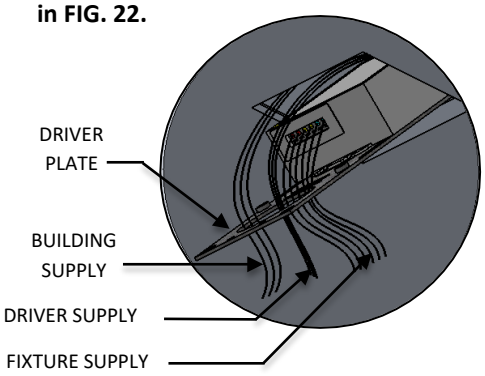


FIG. 21- DETAIL SHOWING BUILDING SUPPLY AND DRIVER WIRE

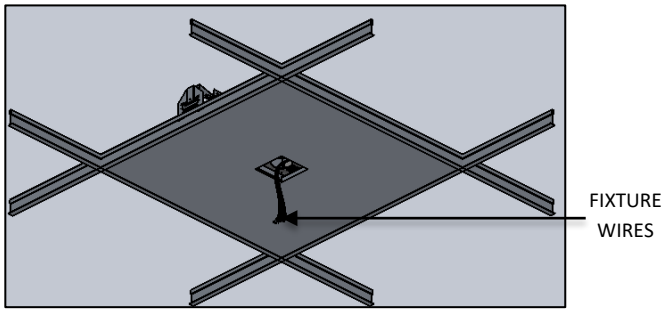


FIG. 22- ASSEMBLED VIEW SHOWING RECESSED J-BOX TO THE CEILING

20. Attach the fixture to installed JUNCTION BOX.

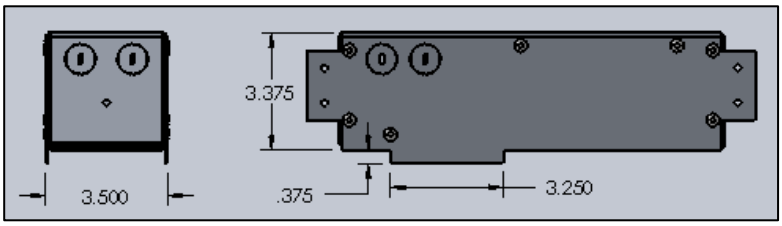


FIG. 23 – INSTALLED JUNCTION BOX

GLOWSTICK MOUNTING [CANOPY]:

1. Feed power cord through PRINTED SHADE and gently rest on top of GLOWSTICK FIXTURE as shown in FIG.24.
2. INSERT CORD into CANOPY FINIAL (THREADS UP), CANOPY and MOUNTING BRACKET as shown in FIG.25 and adjust fixture drop to desired height.
3. Raise the GLOWSTICK BODY assembly and pass the cord through MOUNTING BRACKET. Adjust fixture drop to desired height.

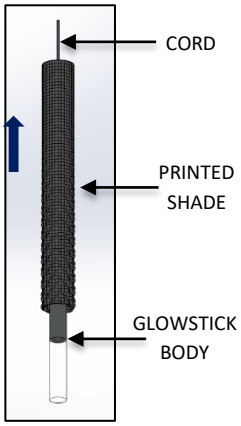


FIG. 24 – FIXTURE INSTALLATION

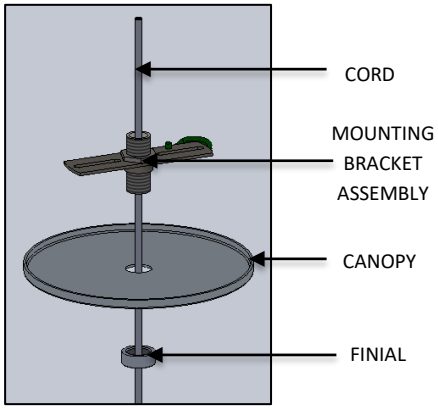


FIG. 25 – CORD INSTALLATION

4. Mark CORD with marker above the all-thread and Trim off excess cord leaving minimum of 8" past the Top of the all-thread as shown below in fig. 27.

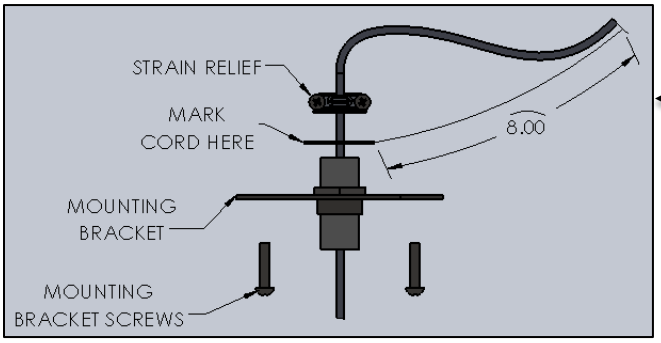


FIG. 27 – DETAIL B (SHOWING CORD TRIM INFORMATION)

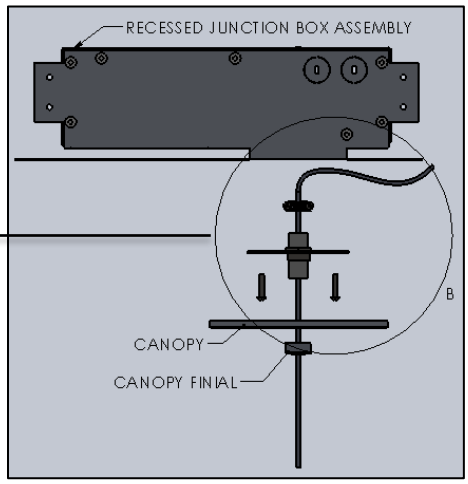


FIG. 26 – CORD INSTALLATION TO J-BOX

5. Insert CORD through the STRAIN RELIEF and tighten two SCREWS on the STRAIN RELIEF above the all-thread where marked. If screws are not properly tightened CORD could slip; through the STRAIN RELIEF, causing the fixture to fall. see detail as shown in FIG.28.

   Be sure to leave a minimum of 8.00" past the strain relief to allow for wire connections.

   WARNING:

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

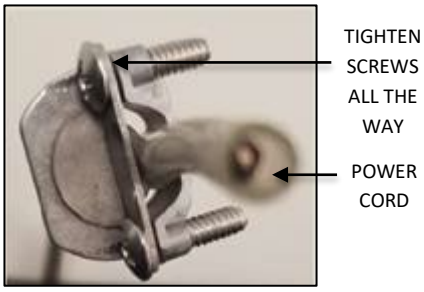


FIG. 28 – STRAIN RELIEF WITH CORD INSERTED

6. Make wire connections between DRIVER and FIXTURE CORD, all wire connections in the inside the junction box (by others) in accordance with the national electrical code and all applicable local and state codes. See WIRE DIAGRAM below as shown in FIG.30 and instructions on how to shorten/install the cord on page 11.

7. Raise MOUNTING BRACKET ASSEMBLY up to RECESSED JUNCTION BOX, and secure with the MOUNTING BRACKET SCREWS as shown in FIG.29.

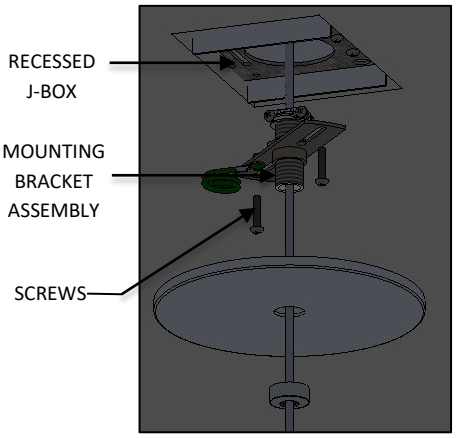


FIG. 29 – FINIAL ASSEMBLY

8. Make wire connections between BUILDING SUPPLY and DRIVER. See WIRE DIAGRAM and WIRE LABLE TABLE as shown in FIG. 31 and FIG.32. 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	P1FE	24 30 36	STATIC WHITE	LED1	DM1 / DM3	WIRE DIAGRAM ON PAGE 9

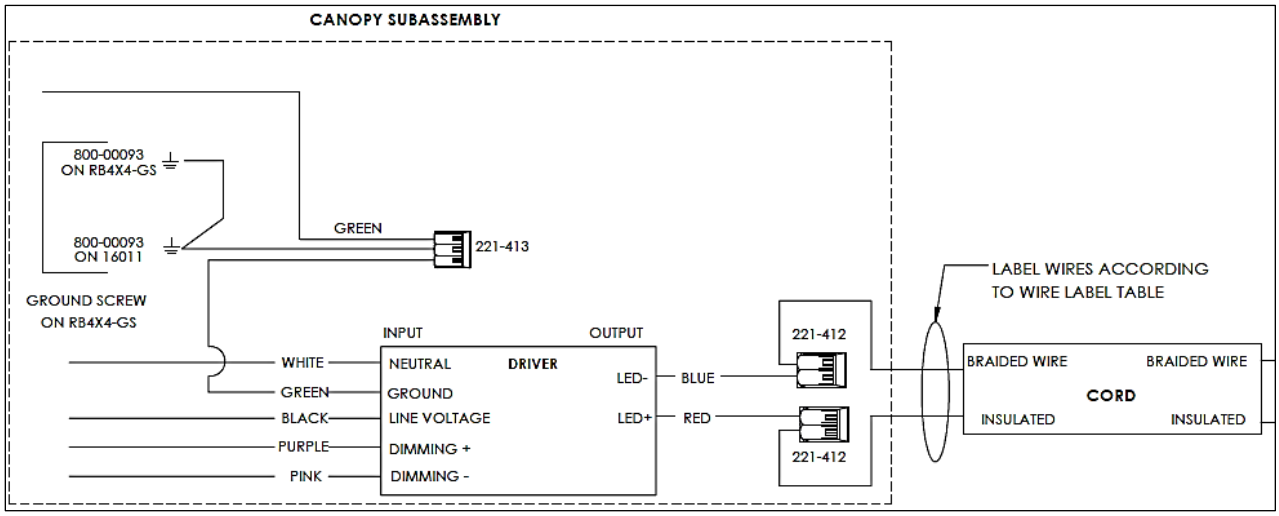
WIRE DIAGRAM:

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

FIG. 30 – WIRE CONNECTION FROM BUILDING SUPPLY TO DRIVER

WIRE LABEL TABLE		
CONTROL	WIRE COLOR	LABEL
ALL	INSULATED(CORD)	LED(+)
ALL	BRAIDED(CORD)	LED(-)

FIG. 31 – WIRE CONNECTION FROM DRIVER TO FIXTURE CORD



SEE GENERAL NOTE 7 ON PAGE 1

FIG. 32 – WIRE DIAGRAM

9. Raise CANOPY PLATE and secure to ceiling by threading the FINIAL to the NIPPLE (available in MOUNTING BRACKET ASSEMBLY) as shown below in FIG. 33.

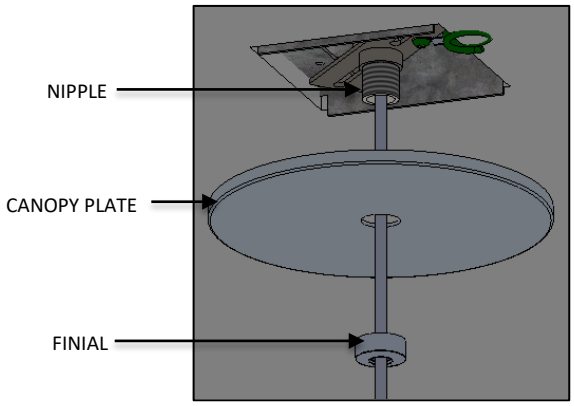


FIG. 33 – FINIAL ASSEMBLY

10. 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.

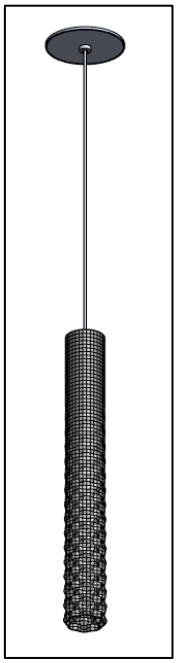


FIG. 34 – COMPLETED INSTALLATION OF GLOWSTICK PRINTZ PENDANT WITH P1FE HANGING SYSTEM

CORD INSTALLATION INSTRUCTIONS:

1. Strip off 1.00" of outer clear insulation exposing the outer metal braiding as shown in FIG. 33 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. 34 below.

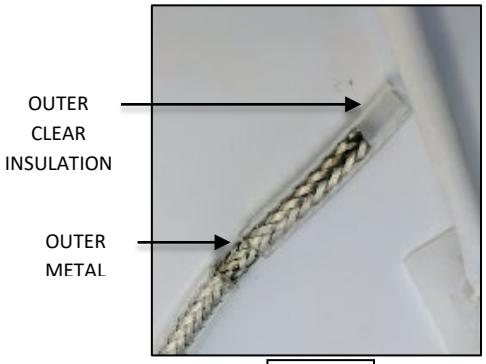


FIG. 35

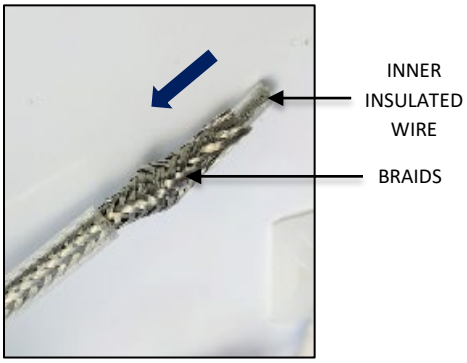


FIG. 36

2. Using a small pointed object, begin unweaving the exposed metal braiding as shown in FIG. 35 below. Position the unwoven metal strands on one side of the inner insulated wire and twist the individual strands together as shown in FIG. 36 below.

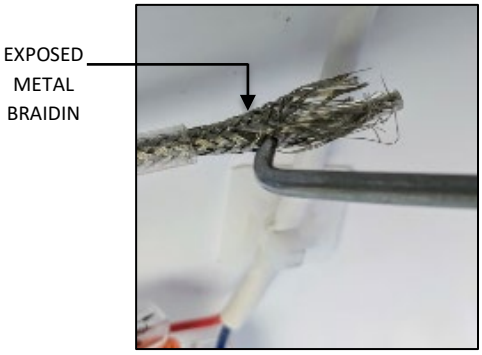


FIG. 37

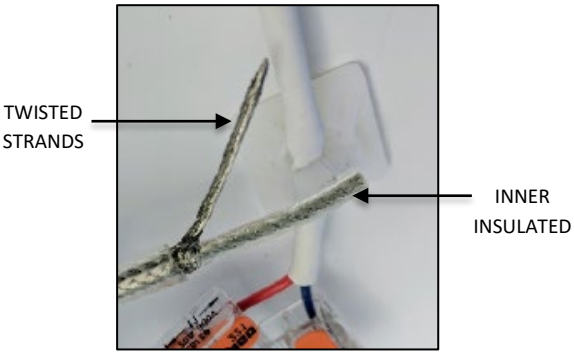


FIG. 38

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. 37 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. 38 below.

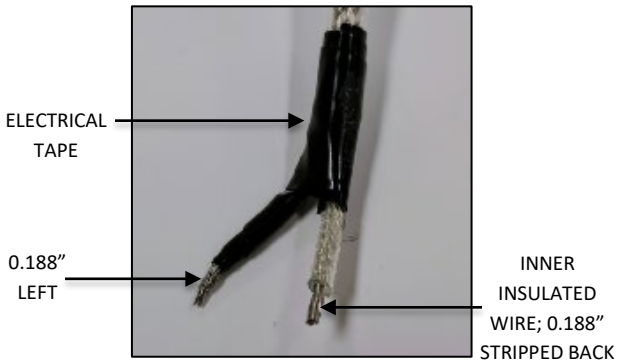


FIG. 39

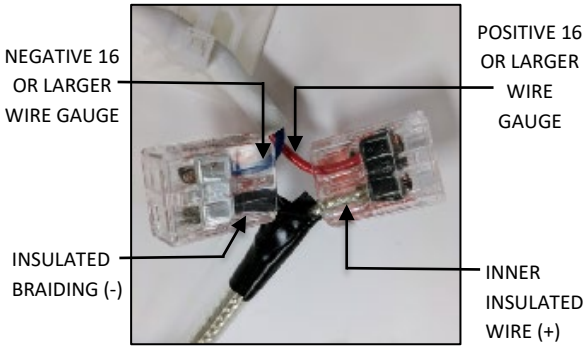


FIG. 40