

## INSTALLATION INSTRUCTIONS

### GLOWSTICK PENDANT CLUSTER WITH P5CA HANGING SYSTEM

These instructions cover the GLOWSTICK LUMINAIRE with the following options:

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE DIAGRAM
1. GS1 (GLOWSTICK)	P5CA: FIVE CLUSTER PENDANT WITH 5 SINGLE POWER CORDS	07"	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM ON PAGE 5



FIG. 1-GS1-P5CA-07-CR-XXX-LEDX\_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.
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 CABLE IS SECURED AND EVENLY TENSIONED.
6. KEEP HANDS AWAY FROM THE SILICONE DIFFUSER. DO NOT TOUCH IT AT ALL TIMES.

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## GS1-P5CA-INSTALLATION-INSTRUCTIONS

### GENERAL INFORMATION:

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

1. GLOWSTICK LUMINAIRE (5) 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. RED BAG (shown in FIG. 3) contains below following items.
  - a. CANOPY (as shown in FIG. 4)
    - i. STRAIN RELIEF
    - ii. CANOPY ACCESS PLATE
    - 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.**

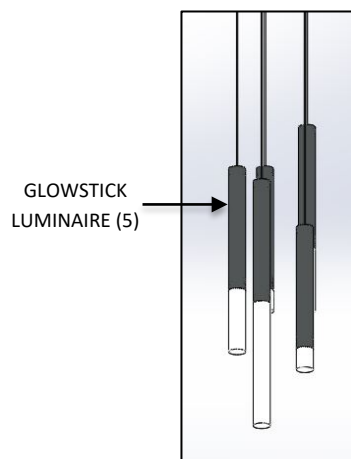


FIG.2 GLOWSTICK LUMINAIRE (PRE-ASSEMBLED)

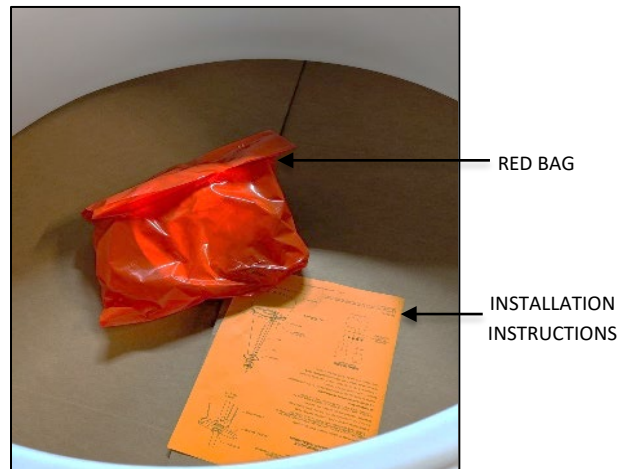


FIG.3 RED BAG AND INSTALLATION INSTRUCTIONS

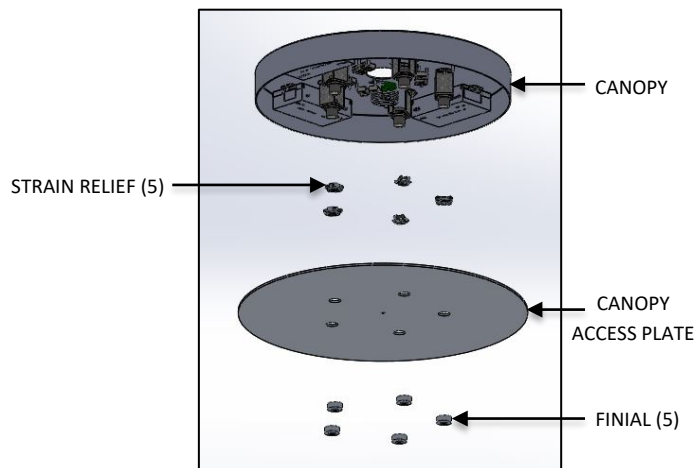


FIG. 4 CANOPY

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## GS1-P5CA-INSTALLATION-INSTRUCTIONS

### MOUNTING:

#### GLOWSTICK MOUNTING [CANOPY]:

1. Dis-assemble the FINIAL (5) and leave the canopy access plate supported by the maintenance cable attached to the CANOPY ASSEMBLY and feed the building supply wire into the hole in the CANOPY as it is raised up to the ceiling as shown in below fig. 5.
2. Attach CANOPY to JUNCTION BOX (by other) as shown below in FIG. 6.

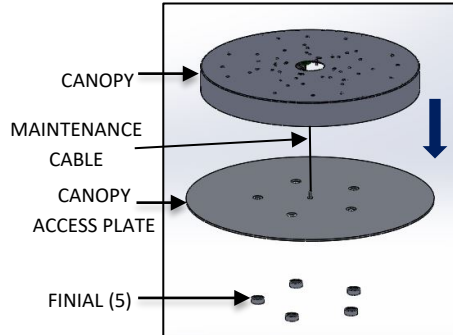


FIG. 5 – CANOPY ACCESS PLATE DIS-ASSEMBLY

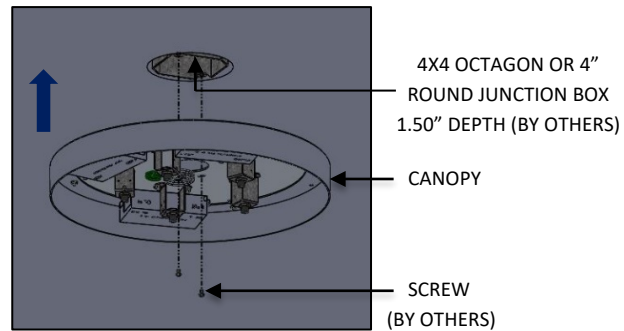


FIG. 6 – CANOPY ASSEMBLY

3. Carefully unroll GLOW STICK BODY CORDS. Avoid kinking the FIXTURE CORD, kinking the CORD will damage it.
4. Raise the GLOWSTICK FIXTURE BODY and feed FIXTURE CORD through FINIAL, the hole in CANOPY ACCESS PLATE and FIXTURE BRACKET as shown below in FIG. 7. Adjust fixture drop to desired height. Mark cord with marker inside of HANGING BRACKET as shown below in FIG. 8. Trim off excess cord leaving minimum of 8.00" past the top of the DRIVER MOUNTING BRACKET all thread.

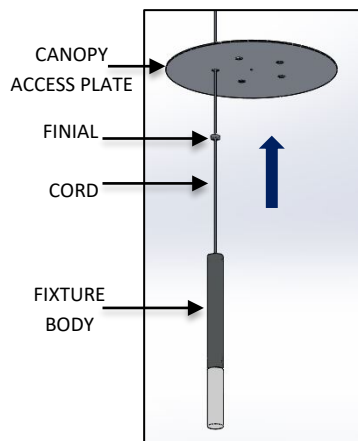


FIG. 7 – FIXTURE INSTALLATION



FIG. 8 -CORD INSTALLATION

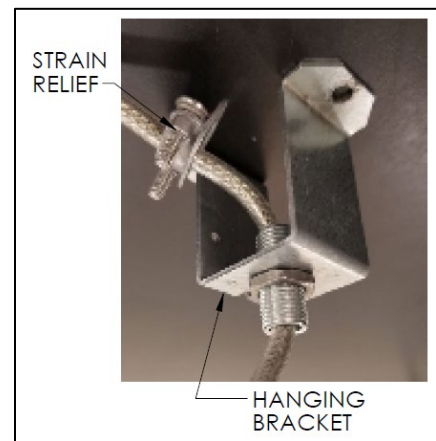


FIG. 9 -CORD INSTALLATION

5. 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. 10. Be sure to leave a minimum of 8.00" past the STRAIN RELIEF to allow for WIRE connections.



#### WARNING:

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

TIGHTEN SCREWS ALL THE WAY

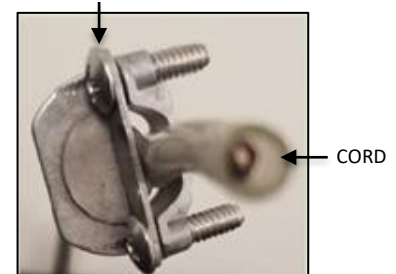


FIG. 10 – STRAIN RELIEF WITH CORD INSERTED

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## GS1-P5CA-INSTALLATION-INSTRUCTIONS

6. Connect the wires from the FIXTURE CORD to the drivers. Make all wire connections in accordance with the national electrical code and applicable local and state codes. See wire diagram shown in FIG. 11 instructions on how to shorten/install the cord on page 7.
7. Repeat step 4, 5, and 6 for remaining FIXTURE drops.
8. Connect building supply wires to the black, white and green wires in the canopy. Make all wire connect in accordance to the national electric code and applicable local and state codes. See WIRE DIAGRAM and WIRE TABLE shown in FIG. 11 and FIG. 12.

WIRE DIAGRAM TABLE						
SERIES	HANGING SYSTEM	BODY SIZE	BODYLIGHT SOURCE	LED OUTPUT	CONTROL	WIRE DIAGRAM
GS1 : GLOWSTICK	P5CA	07"	STATIC WHITE	LED1	0-10V DIM 1% (DM1)	WIRE DIAGRAM ON PAGE 5

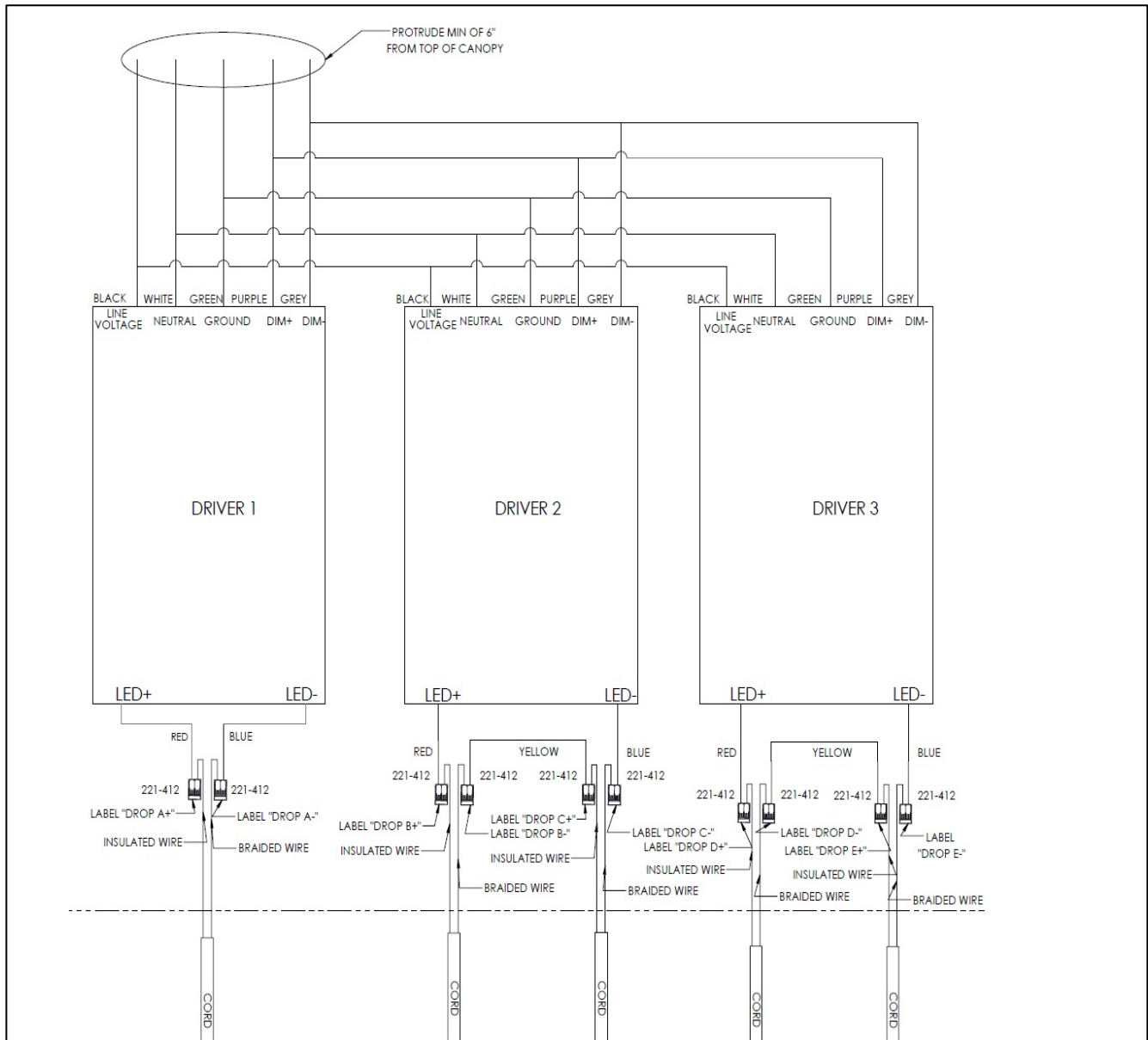


FIG. 11 – WIRE DIAGRAM

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## GS1-P5CA-INSTALLATION-INSTRUCTIONS

WIRE LABEL TABLE	
COLOR	LABEL
BLACK	LINE VOLTAGE
WHITE	NEUTRAL
GREEN	GROUND
PURPLE	DIM+
GREY	DIM-

FIG. 12 – WIRE LABEL TABLE

9. Raise CANOPY ACCESS PLATE and secure to ceiling by threading the 5 FINIAL to NIPPLE (available in HANGING BRACKET) as shown below in FIG. 13.

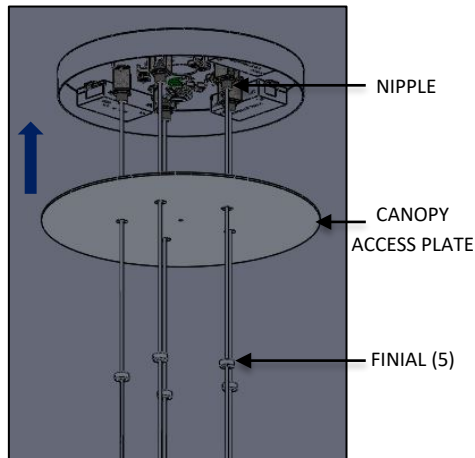


FIG. 13 - FINIAL INSTALLATION

10. Restore power to circuit the GLOWSTICK series pendant cluster 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.

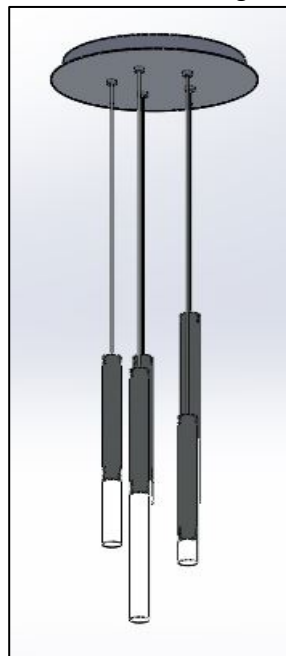


FIG. 14 - COMPLETED INSTALLATION OF GLOWSTICK PENDANT CLUSTER WITH P5CA HANGING SYSTEM

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## CORD INSTALLATION INSTRUCTIONS

- Strip off 1.00" of outer clear insulation exposing the outer metal braiding as shown in FIG. 15 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. 16 below.

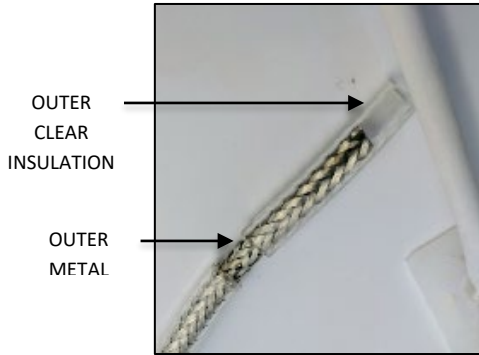


FIG. 15

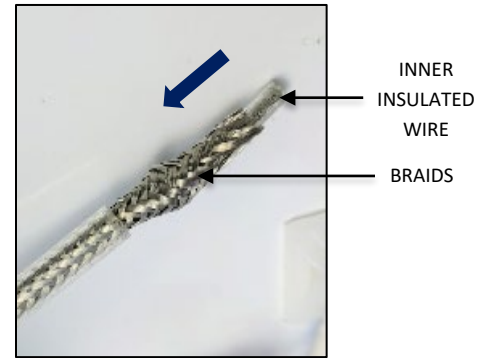


FIG. 16

- Using a small pointed object, begin unweaving the exposed metal braiding as shown in FIG. 17 below. Position the unwoven metal strands on one side of the inner insulated wire and twist the individual strands together as shown in FIG. 18 below.

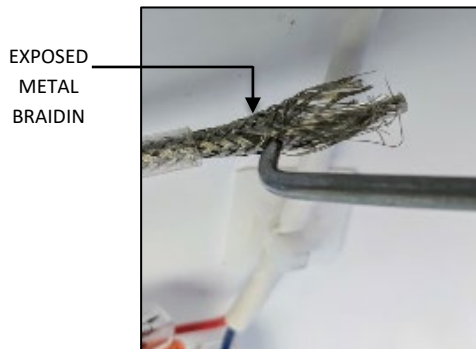


FIG. 17

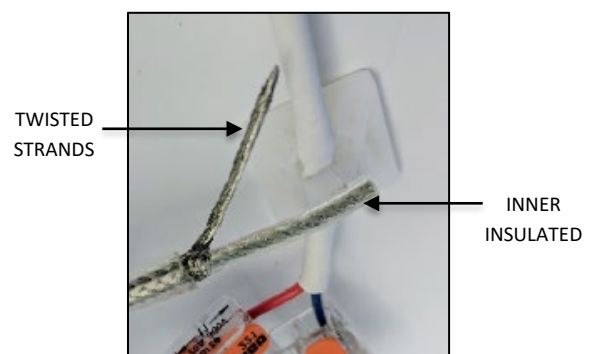


FIG. 18

- 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 stranded core wire as shown in FIG. 19 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. 20 below.

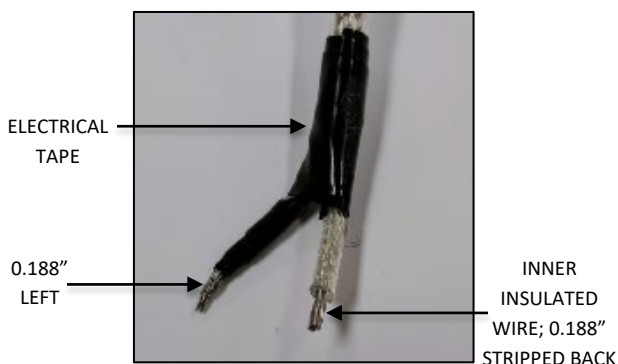


FIG. 19

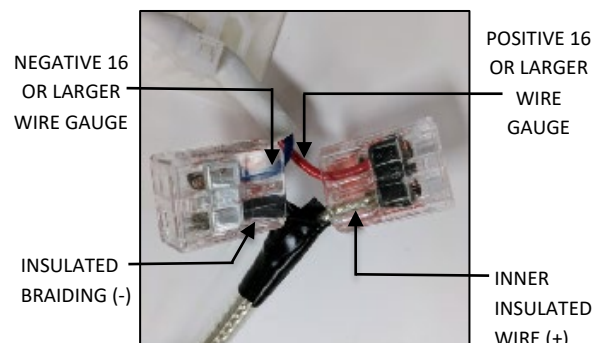


FIG. 20

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