

## INSTALLATION INSTRUCTIONS

### GLOWBALL DIVERGE SWAG PENDANT WITH P7CD & P14CD HANGING SYSTEM

These instructions cover the GLOWBALL LUMINAIRE with the following options:

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE DIAGRAM
1. GB1 (GLOWBALL)	P7CD: 7 DROP CLUSTER PENDANT WITH BOTTOM EXIT POWER CORDS	17"	STATIC WHITE	0-10V DIMMING 10% (DMO)	WIRE DIAGRAM A ON PAGE 6
	P14CD: 14 DROP CLUSTER PENDANT WITH BOTTOM EXIT POWER CORDS				WIRE DIAGRAM B ON PAGE 7

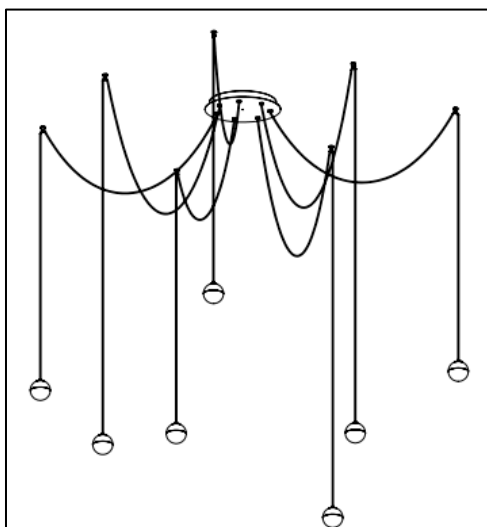


FIG. 1- GB1-P7CDX-17-CR-XXX-LED1\_XXK-UNV-XXX-DMO  
(as shown)

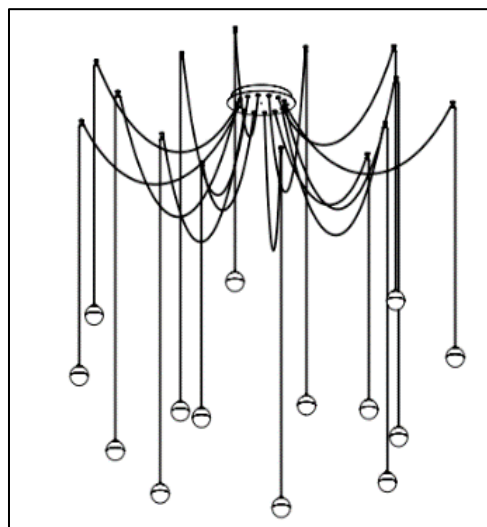


FIG. 2- GB1-P14CDX-17-CR-XXX-LED1\_XXK-UNV-XXX-DMO  
(as shown)

#### GENERAL NOTES:

- PLEASE COMPLETELY READ THE INSTALL 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.
- 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.
- DO NOT LET THE GLOWBALL LUMINAIRE HANG FREE UNTIL THE CABLE IS SECURED AND EVENLY TENSIONED.
- KEEP HANDS AWAY FROM THE SILICONE DIFFUSER. DO NOT TOUCH IT AT ALL TIMES.

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### GENERAL INFORMATION:

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

1. GLOWBALL LUMINAIRE (7 OR 14 DROP) with CORD attached. (Pre-assembled as shown in FIG. 3)
2. INSTALLATION INSTRUCTIONS (shown in FIG. 4) - Please completely read the install instructions before starting installation.
3. CANOPY SUBASSEMBLY (as shown in FIG. 5).
4. RED BAG (shown in FIG. 4) contains below following items.
  - a. STRAIN RELIEF (as shown in FIG. 6)
  - b. SWAG HOOK (as shown in FIG. 6)
  - c. THREADED COUPLER (as shown in FIG. 6)
  - d. BLACK SET SCREW TO LOCK SWAG HOOK ROTATION (as shown in FIG. 6)
  - e. BLACK SET SCREW TO TIGHTEN AGAINST CORD (as shown in FIG. 6)

**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.**

**NOTE: (Quantity of Fixture Body, Swag Hooks, and Strain Reliefs will vary based upon 7 and 14 drop)**

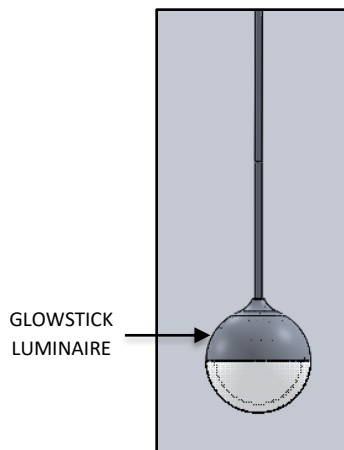


FIG. 3 GLOWBALL LUMINAIRE  
(PRE-ASSEMBLED WITH CORD)

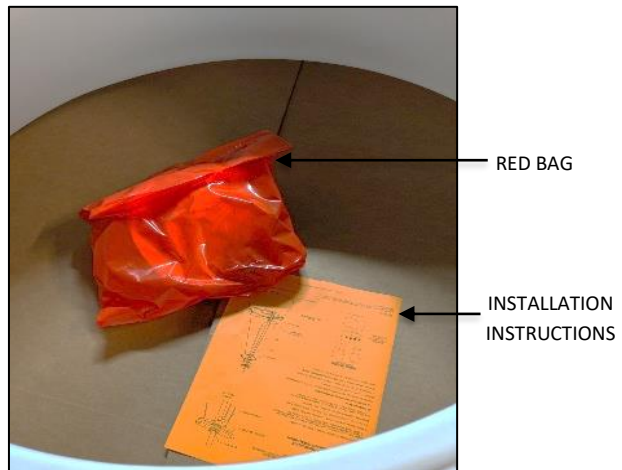


FIG. 4 RED BAG AND INSTALLATION  
INSTRUCTIONS

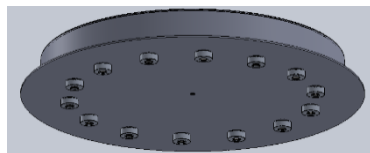


FIG. 5 CANOPY SUBASSEMBLY  
(PREASSEMBLED)

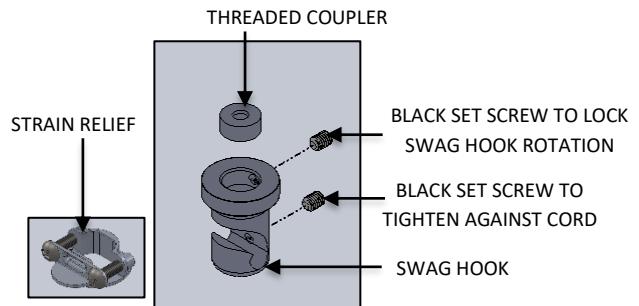


FIG. 6 RED BAG CONTENTS

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# MOUNTING: GLOWBALL MOUNTING [CANOPY]:

1. Dis-assemble the FINIAL (7 OR 14) and the CANOPY ACCESS PLATE from the CANOPY SUBASSEMBLY 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. 7.

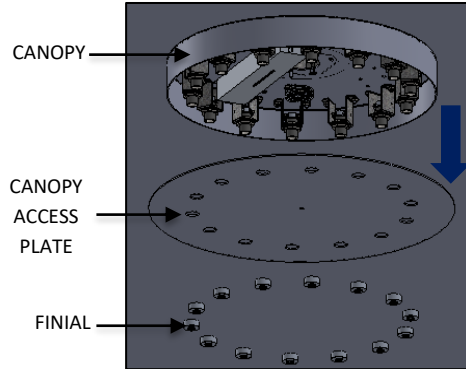


FIG. 7 – CANOPY ACCESS PLATE DIS-ASSEMBLY

2. Attach CANOPY to JUNCTION BOX (by other) with screws provided (by others) as shown below in FIG. 8.
3. If additional Mounting Points are required, SEE DETAIL SHOWING ANCHOR LOCATION below as shown in FIG. 9 for ANCHOR HOLE Location. Anchor Bodies and anchor screws by others.

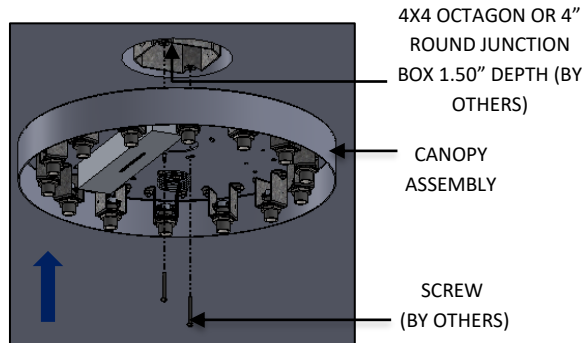
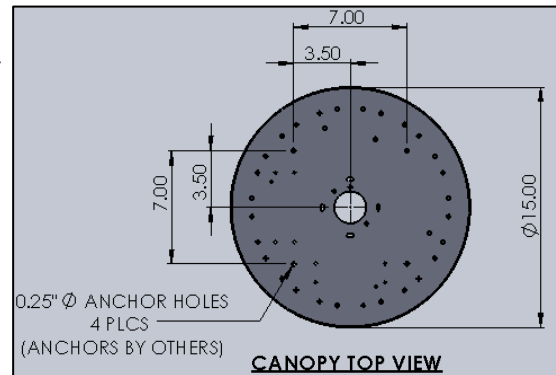

FIG. 8 – CANOPY ASSEMBLY  
INSTALLATION TO J-BOX (BY OTHERS)


FIG. 9 – DETAIL SHOWING ANCHOR LOCATIONS

4. Attach the provided SWAG HOOK to the ceiling with anchors (by others) as shown in FIG. 10. See the final page of these instructions for several examples of how the hooks can be laid out. Carefully unroll GLOWBALL BODY CORDS. Avoid kinking the FIXTURE CORD, kinking the CORD will damage it.

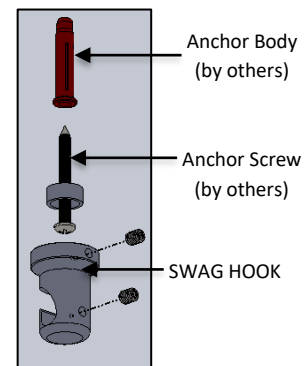


FIG. 10 – SWAG HOOK INSTALLATION

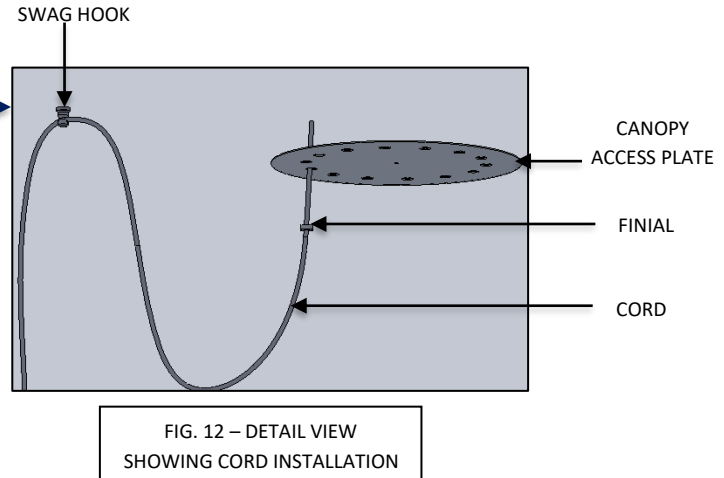
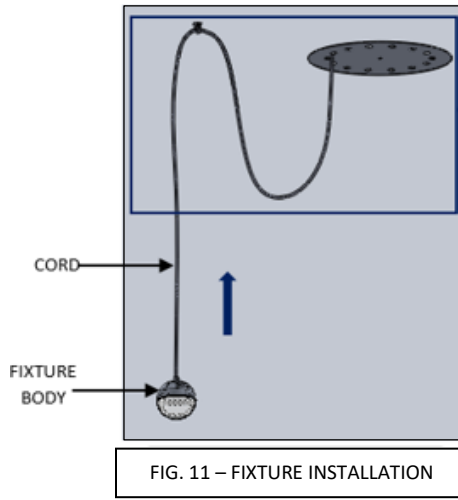
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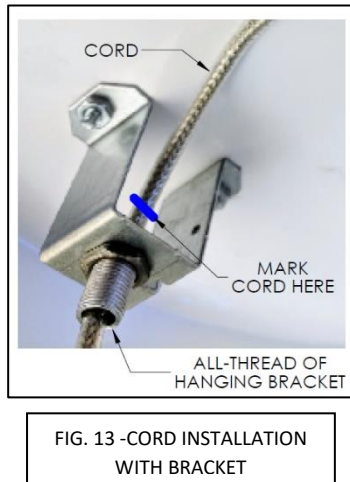
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5. Hang the FIXTURE CORD into the SWAG HOOK and adjust the desired height. Raise the GLOWBALL FIXTURE BODY and feed FIXTURE CORD through FINIAL and the hole in CANOPY ACCESS PLATE as shown below in FIG. 11 and FIG.12.



6. Adjust fixture drop to desired height. Mark cord with marker inside of HANGING BRACKET as shown below in FIG. 13. Trim off excess cord leaving minimum of 8.00" past the top of the DRIVER MOUNTING BRACKET all thread as shown below in FIG. 14.

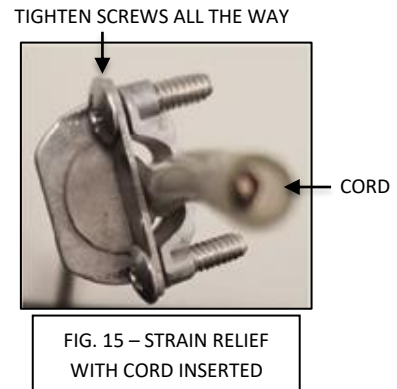


7. Insert cord through the strain relief and tighten two screws on the strain relief above hanging bracket where marked. If screws are not properly tightened cord could slip through the strain relief, causing the fixture to fall as shown in FIG. 15. Be sure to leave a minimum of 8.00" past the STRAIN RELIEF to allow for WIRE connections.

**WARNING:**



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



8. Repeat steps 4-7 for all 7 or 14 luminaires.

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## GB1-PXXCDX-17 INSTALL INSTRUCTIONS

9. Connect the wires from the FIXTURE CORD and Building Supply to the drivers inside the canopy. Make all wire connections in accordance with the national electrical code and applicable local and state codes. See WIRE DIAGRAM TABLE below for WIRE DIAGRAM.

WIRE DIAGRAM TABLE						
SERIES	HANGING SYSTEM	BODY SIZE	BODYLIGHT SOURCE	LED OUTPUT	CONTROL	WIRE DIAGRAM
1. GB1: (GLOWBALL)	P7CD: 7 DROP CLUSTER PENDANT WITH BOTTOM EXIT POWER CORDS	17"	STATIC WHITE	LED1	0-10V DIMMING 10% (DMO)	WIRE DIAGRAM A ON PAGE 6
	P14CD: 14 DROP CLUSTER PENDANT WITH BOTTOM EXIT POWER CORDS					WIRE DIAGRAM B ON PAGE 7

### WIRE DIAGRAM A [FOR 7 DROP]:

WIRE LABEL TABLE		
CONTROL	COLOR	LABEL
ALL	BLACK	LINE VOLTAGE
ALL	WHITE	NEUTRAL
ALL	GREEN	GROUND
ALL	PURPLE	DIM (+)
ALL	GREY	DIM (-)
ALL	BLUE	CAP OFF
ALL	WHITE (CORD 1)	LED 1 (+)
ALL	BLACK (CORD 1)	LED 1 (-)
ALL	WHITE (CORD 2)	LED 2 (+)
ALL	BLACK (CORD 2)	LED 2 (-)
ALL	WHITE (CORD 3)	LED 3 (+)
ALL	BLACK (CORD 3)	LED 3 (-)
ALL	WHITE (CORD 4)	LED 4 (+)
ALL	BLACK (CORD 4)	LED 4 (-)
ALL	WHITE (CORD 5)	LED 5 (+)
ALL	BLACK (CORD 5)	LED 5 (-)
ALL	WHITE (CORD 6)	LED 6 (+)
ALL	BLACK (CORD 6)	LED 6 (-)
ALL	WHITE (CORD 7)	LED 7 (+)
ALL	BLACK (CORD 7)	LED 7 (-)

FIG. 16 – WIRE LABEL TABLE (FOR 7 DROP)

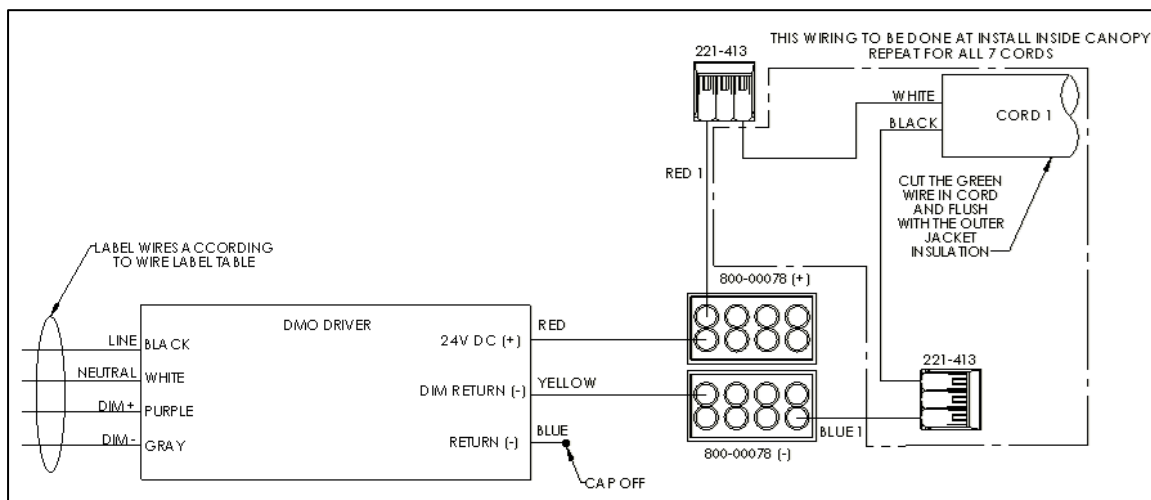


FIG. 17 – WIRE DIAGRAM A (FOR 7 DROP)

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**WIRE DIAGRAM B [FOR 14 DROP]:**

WIRE LABEL TABLE		
CONTROL	COLOR	LABEL
ALL	BLACK	LINE VOLTAGE
ALL	WHITE	NEUTRAL
ALL	GREEN	GROUND
ALL	PURPLE	DIM (+)
ALL	GREY	DIM (-)
ALL	BLUE	CAP OFF
ALL	WHITE (CORD 1)	LED 1 (+)
ALL	BLACK (CORD 1)	LED 1 (-)
ALL	WHITE (CORD 2)	LED 2 (+)
ALL	BLACK (CORD 2)	LED 2 (-)
ALL	WHITE (CORD 3)	LED 3 (+)
ALL	BLACK (CORD 3)	LED 3 (-)
ALL	WHITE (CORD 4)	LED 4 (+)
ALL	BLACK (CORD 4)	LED 4 (-)
ALL	WHITE (CORD 5)	LED 5 (+)
ALL	BLACK (CORD 5)	LED 5 (-)
ALL	WHITE (CORD 6)	LED 6 (+)
ALL	BLACK (CORD 6)	LED 6 (-)
ALL	WHITE (CORD 7)	LED 7 (+)
ALL	BLACK (CORD 7)	LED 7 (-)
ALL	WHITE (CORD 8)	LED 8 (+)
ALL	BLACK (CORD 8)	LED 8 (-)
ALL	WHITE (CORD 9)	LED 9 (+)
ALL	BLACK (CORD 9)	LED 9 (-)
ALL	WHITE (CORD 10)	LED 10 (+)
ALL	BLACK (CORD 10)	LED 10 (-)
ALL	WHITE (CORD 11)	LED 11 (+)
ALL	BLACK (CORD 11)	LED 11 (-)
ALL	WHITE (CORD 12)	LED 12 (+)
ALL	BLACK (CORD 12)	LED 12 (-)
ALL	WHITE (CORD 13)	LED 13 (+)
ALL	BLACK (CORD 13)	LED 13 (-)
ALL	WHITE (CORD 14)	LED 14 (+)
ALL	BLACK (CORD 14)	LED 14 (-)

FIG. 18 – WIRE LABEL TABLE (FOR 14 DROP)

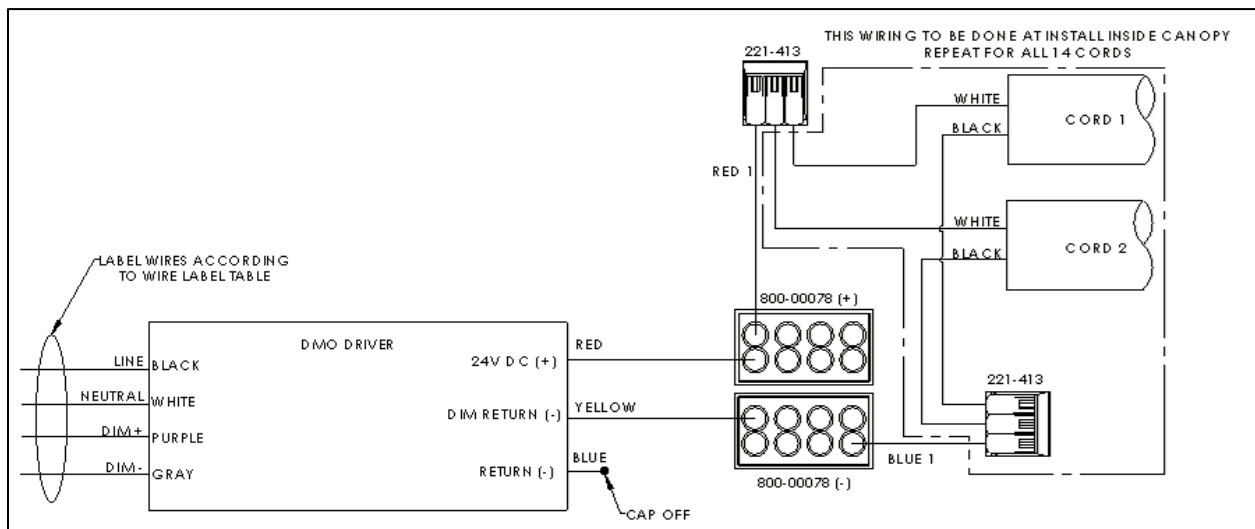


FIG. 19 – WIRE DIAGRAM B (FOR 14 DROP)

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## GB1-PXXCDX-17 INSTALL INSTRUCTIONS

10. Raise CANOPY ACCESS PLATE and secure to ceiling by threading the 7 FINIAL to NIPPLE (available in HANGING BRACKET) as shown below in FIG. 20.

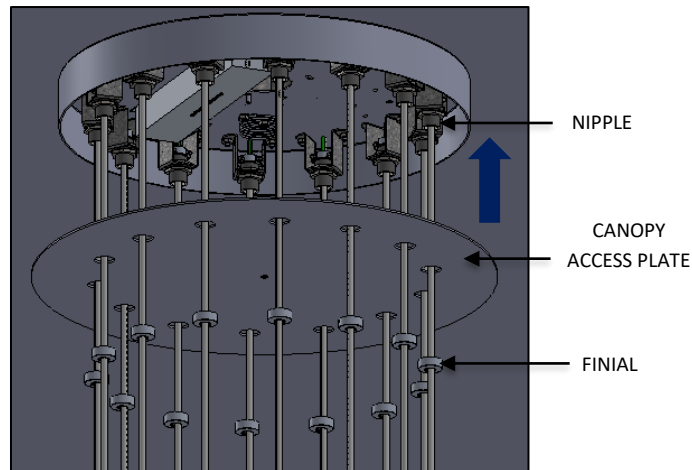


FIG. 20 - FINIAL INSTALLATION

11. Restore power to circuit the GLOWBALL 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.

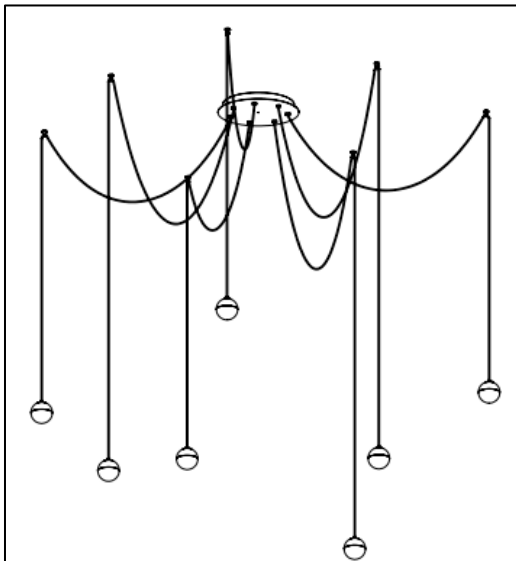


FIG. 21 - COMPLETED INSTALLATION OF  
GLOWBALL DIVERGE SWAG PENDANT P7CD  
HANGING SYSTEM

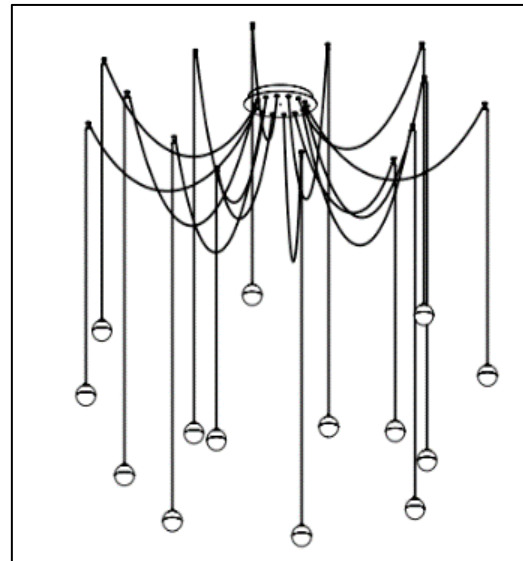


FIG. 22 - COMPLETED INSTALLATION OF  
GLOWBALL DIVERGE SWAG PENDANT P14CD  
HANGING SYSTEM



**EXAMPLE LAYOUTS [FOR 7 DROP]:**

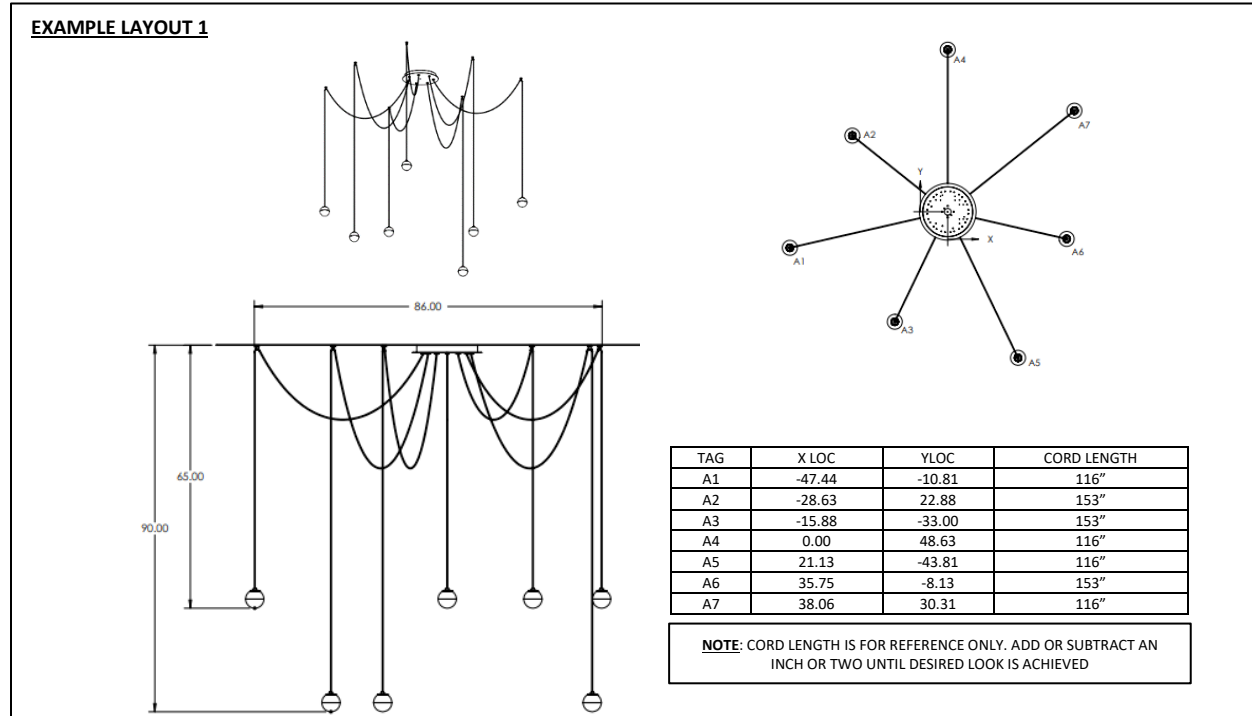


FIG. 23 – INSTALLATION OF GLOWBALL DIVERGE SWAG PENDANT P7CE HANGING SYSTEM WITH EXAMPLE LAYOUT 1 WITH CO-ORDINATES

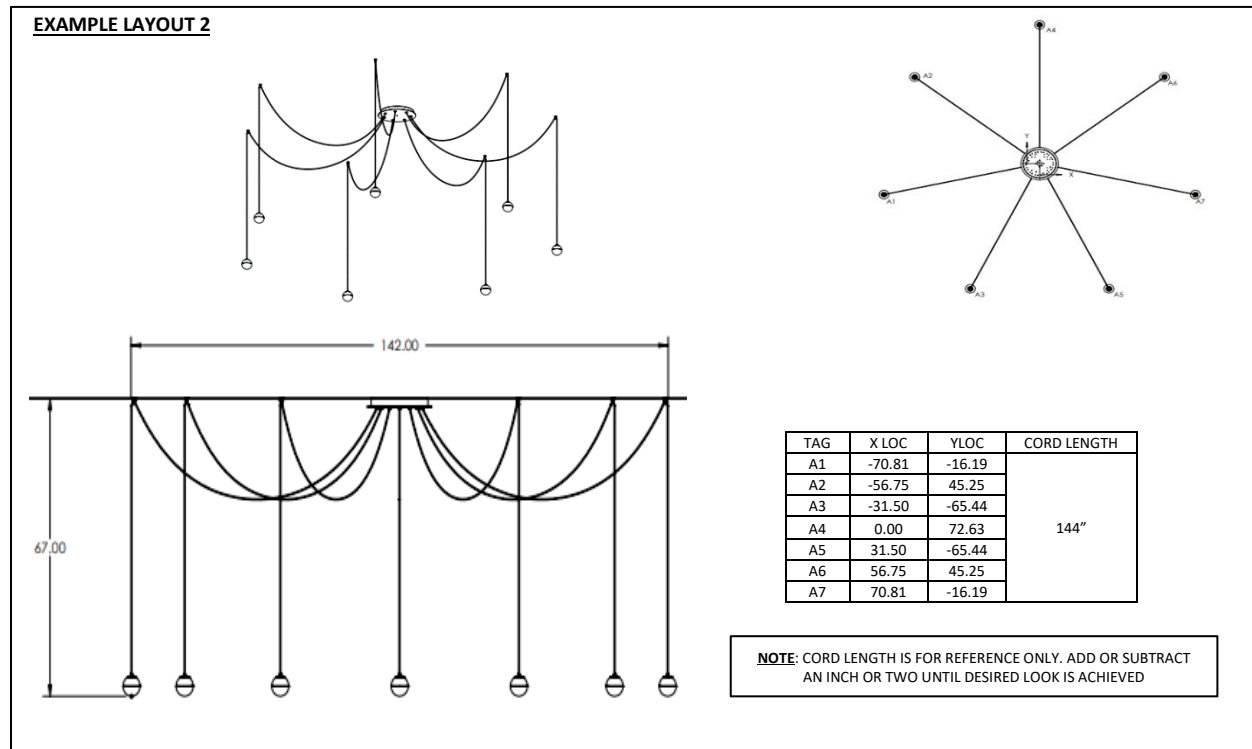


FIG. 24 - INSTALLATION OF GLOWBALL DIVERGE SWAG PENDANT P7CE HANGING SYSTEM WITH EXAMPLE LAYOUT 2 WITH CO-ORDINATES

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**EXAMPLE LAYOUT 3**

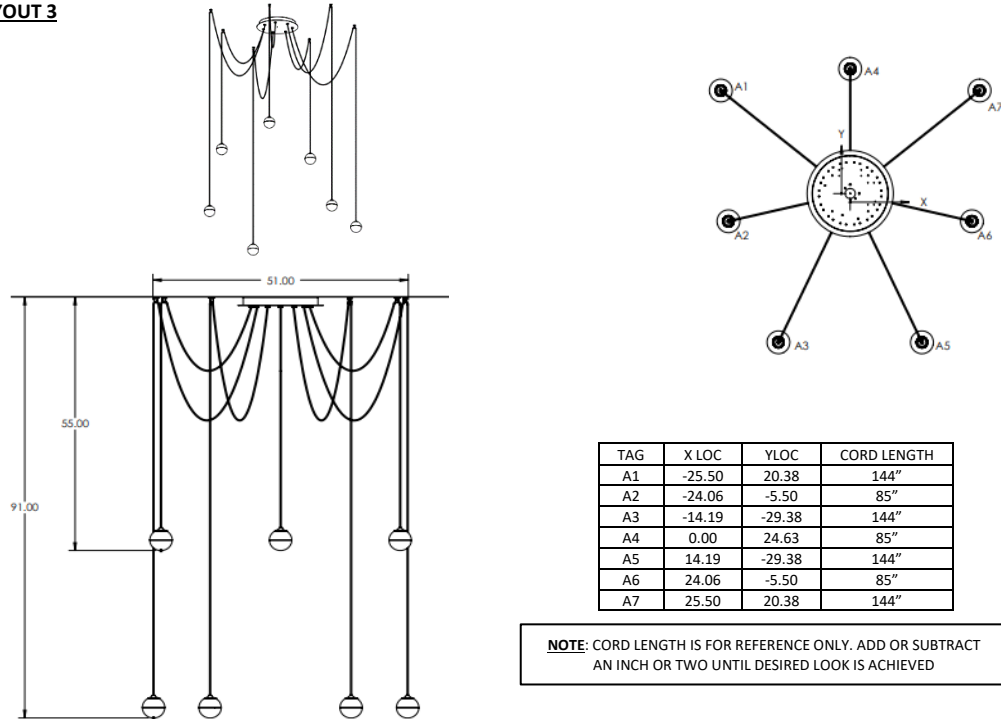


FIG. 25 - INSTALLATION OF GLOWBALL DIVERGE SWAG PENDANT P7CE HANGING SYSTEM WITH EXAMPLE LAYOUT 3 WITH CO-ORDINATES

**EXAMPLE LAYOUTS [FOR 14 DROP]:**

**EXAMPLE LAYOUT 1**

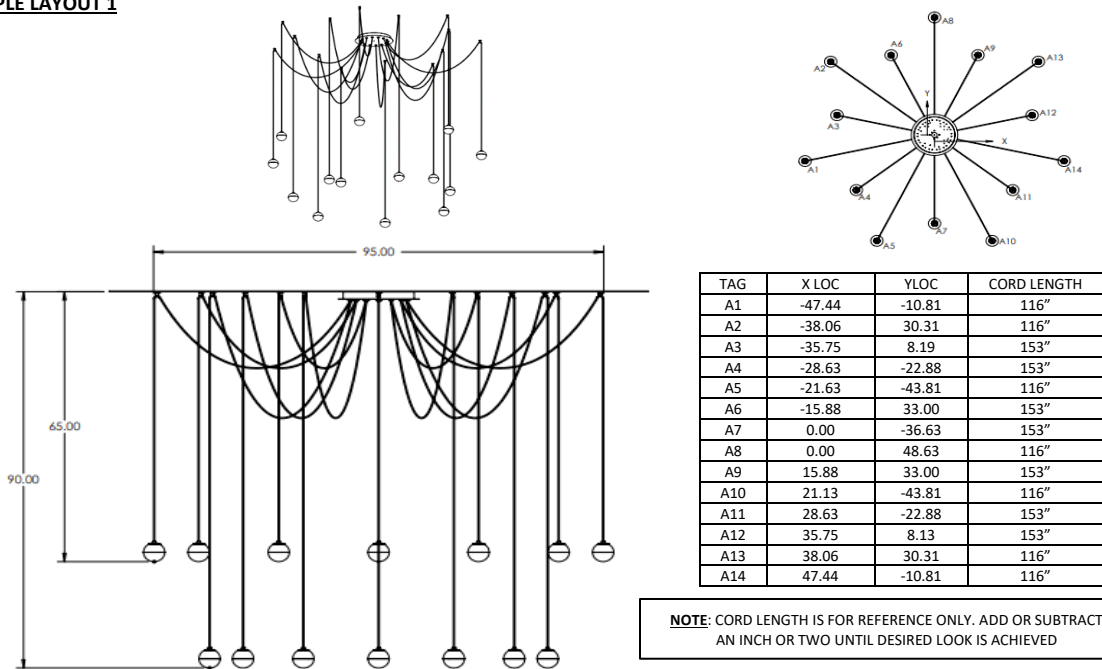


FIG. 26 - INSTALLATION OF GLOWBALL DIVERGE SWAG PENDANT P14CE HANGING SYSTEM WITH EXAMPLE LAYOUT 1 WITH CO-ORDINATES

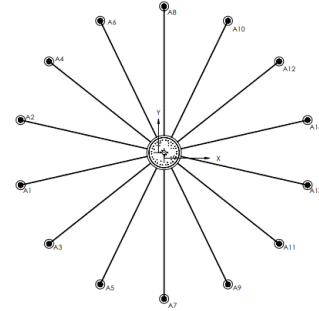
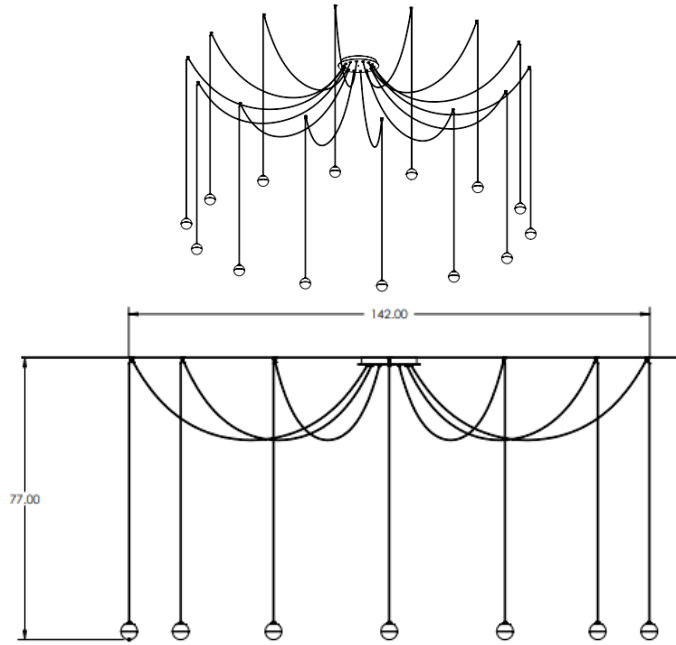
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**EXAMPLE LAYOUT 2**

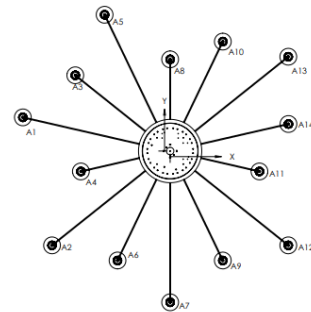
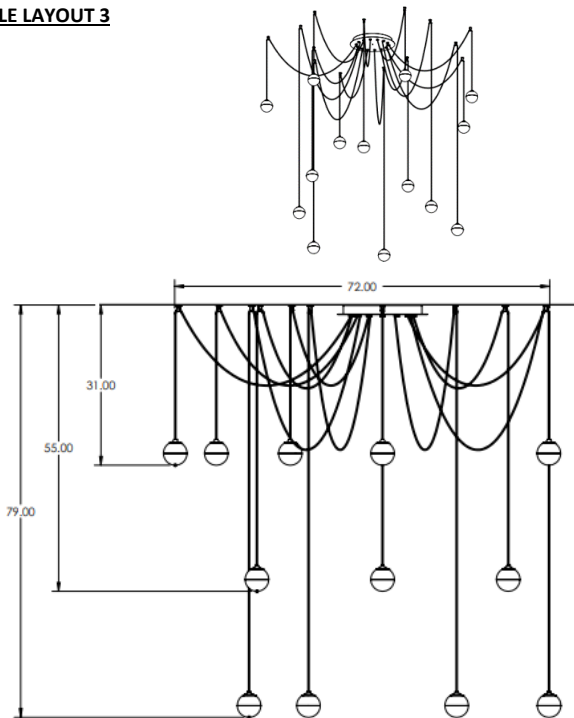


TAG	X LOC	YLOC	CORD LENGTH
A1	-70.81	-16.19	154"
A2	-70.81	16.19	
A3	-56.75	-45.25	
A4	-56.75	45.25	
A5	-31.50	-65.44	
A6	-31.50	65.44	
A7	0.00	-72.63	
A8	0.00	72.63	
A9	31.50	-65.44	
A10	31.50	65.44	
A11	56.75	-45.25	
A12	56.75	45.25	
A13	70.81	-16.19	
A14	70.81	16.19	

**NOTE:** CORD LENGTH IS FOR REFERENCE ONLY. ADD OR SUBTRACT AN INCH OR TWO UNTIL DESIRED LOOK IS ACHIEVED

FIG. 27 - INSTALLATION OF GLOWBALL DIVERGE SWAG PENDANT P14CE HANGING SYSTEM WITH EXAMPLE LAYOUT 2 WITH CO-ORDINATES

**EXAMPLE LAYOUT 3**



TAG	X LOC	YLOC	CORD LENGTH
A1	-39.63	9.06	71"
A2	-31.75	-25.38	71"
A3	-25.50	20.38	134"
A4	-24.06	-5.50	85"
A5	-17.63	36.63	71"
A6	-14.19	-29.38	134"
A7	0.00	-40.63	71"
A8	0.00	24.63	85"
A9	14.19	-29.38	134"
A10	14.19	29.38	134"
A11	24.06	-5.50	85"
A12	31.75	-25.38	71"
A13	31.75	25.38	71"
A14	31.81	7.25	134"

**NOTE:** CORD LENGTH IS FOR REFERENCE ONLY. ADD OR SUBTRACT AN INCH OR TWO UNTIL DESIRED LOOK IS ACHIEVED

FIG. 28 - INSTALLATION OF GLOWBALL DIVERGE SWAG PENDANT P14CE HANGING SYSTEM WITH EXAMPLE LAYOUT 3 WITH CO-ORDINATES

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