

INSTALLATION INSTRUCTIONS

GLOWBALL DIVERGE SWAG PENDANT WITH P7CE & P14CE HANGING SYSTEM

These instructions cover the GLOWBALL LUMINAIRE with the following options:

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE DIAGRAM
1. GB1 (GLOWBALL)	P7CE: 7 DROP CLUSTER PENDANT WITH SIDE EXIT POWER CORDS	17"	STATIC WHITE	0-10V DIMMING 10% (DMO)	WIRE DIAGRAM A ON PAGE 6
	P14CE: 14 DROP CLUSTER PENDANT WITH SIDE EXIT POWER CORDS				WIRE DIAGRAM B ON PAGE 7

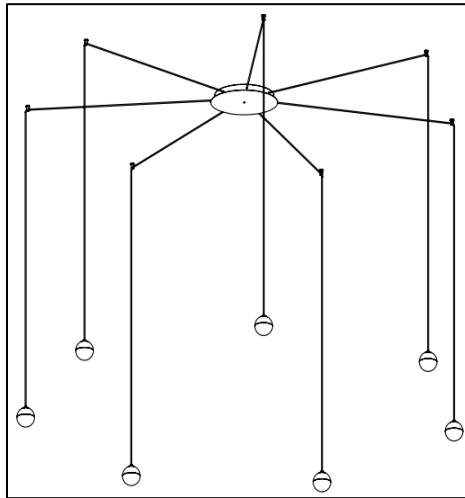


FIG. 1- GB1-P7CEX-17-FS-XXX-LED1_XXK-UNV-XXX-DMO
(as shown)

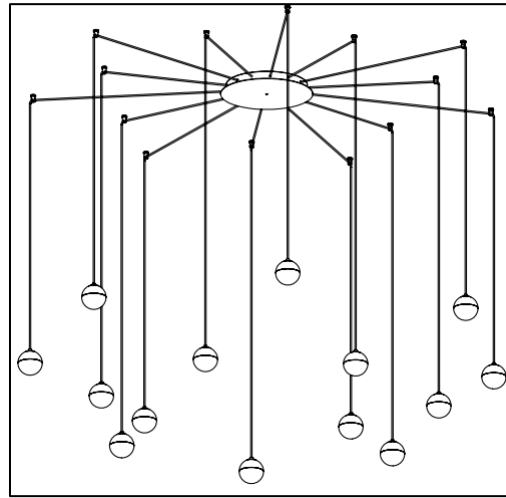


FIG. 2- GB1-P14CEX-17-FS-XXX-LED1_XXK-UNV-XXX-DMO
(as shown)

GENERAL NOTES:

1. PLEASE COMPLETELY READ THE INSTALL INSTRUCTIONS BEFORE STARTING INSTALLATION.
2. TURN OFF POWER TO CIRCUIT FIXTURE WHILE IT IS BEING INSTALLED.
3. INSTALL IN ACCORDANCE WITH ALL LOCAL, STATE AND NATIONAL CODES CONSULT WITH A QUALIFIED ELECTRICIAN FOR PROPER INSTALLATION.
4. 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.
5. 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.
6. DO NOT LET THE GLOWBALL LUMINAIRE HANG FREE UNTIL THE CABLE IS SECURED AND EVENLY TENSIONED.
7. KEEP HANDS AWAY FROM THE SILICONE DIFFUSER. DO NOT TOUCH IT AT ALL TIMES.

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GB1-PXXCEX-17 INSTALL INSTRUCTIONS

GENERAL INFORMATION:

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

1. GLOWBALL LUMINAIRE (7 OR 14) 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. SWAG HOOK (as shown in FIG. 6)
 - b. THREADED COUPLER (as shown in FIG. 6)
 - c. BLACK SET SCREW TO LOCK SWAG HOOK ROTATION (as shown in FIG. 6)
 - d. 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)

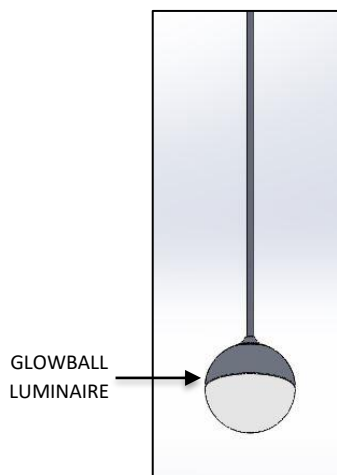


FIG.3 GLOWBALL LUMINAIRE
(PRE-ASSEMBLED WITH CORD)

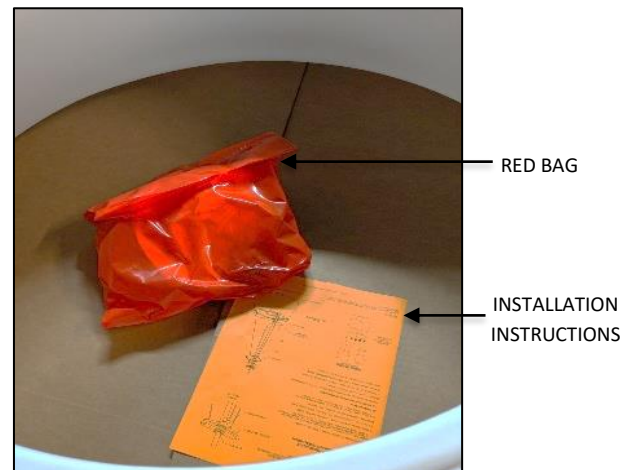


FIG.4 RED BAG AND INSTALLATION
INSTRUCTIONS

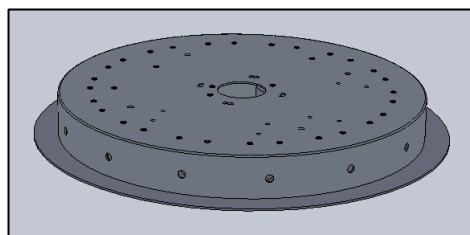


FIG. 5 CANOPY SUBASSEMBLY
(PREASSEMBLED)

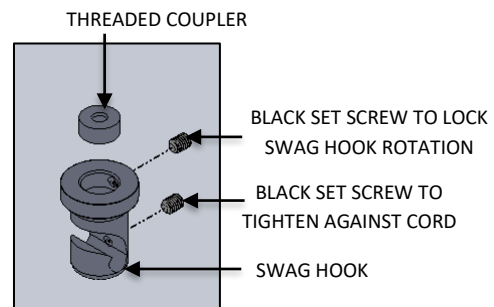


FIG. 6 RED BAG CONTENTS

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MOUNTING: GLOWBALL MOUNTING [CANOPY]:

1. Turn off power to circuit fixture. Spin the CANOPY LID counter clockwise to unscrew as shown in FIG. 7.
2. Attach CANOPY to JUNCTION BOX (by other) with SCREWS provided (by others) as shown below in FIG. 8. For 7 drop fixtures, J-BOX screws are sufficient, but for 14 drop fixtures, additional ANCHORS must be used, SEE DETAIL SHOWING ANCHOR LOCATION below as shown in FIG. 9.

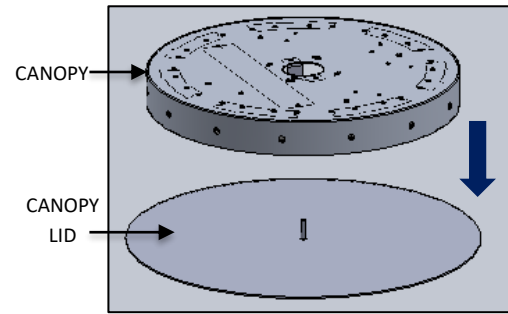


FIG. 7 – CANOPY ACCESS PLATE DIS-ASSEMBLY

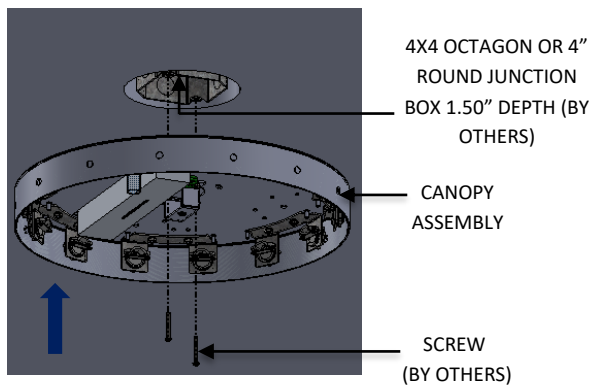


FIG. 8 – CANOPY ASSEMBLY
INSTALLATION TO J-BOX (BY OTHERS)

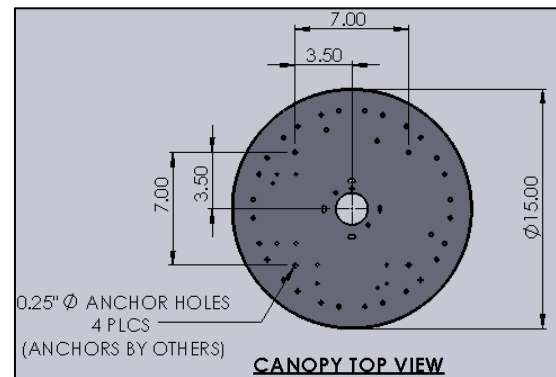


FIG. 9 – DETAIL SHOWING ANCHOR LOCATIONS

3. Attach the provided SWAG HOOK to the ceiling with ANCHORS (by others) as shown below in FIG. 10 and hang the FIXTURE CORD into the SWAG HOOK and adjust the desired height as shown in FIG. 11 and 12. 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.

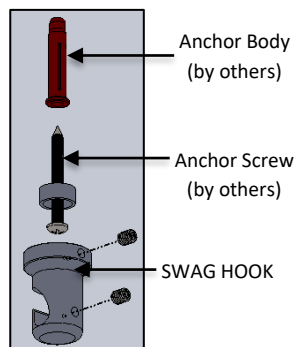


FIG. 10 – SWAG HOOK
INSTALLATION

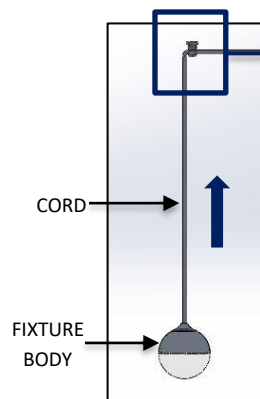


FIG. 11 – FIXTURE INSTALLATION

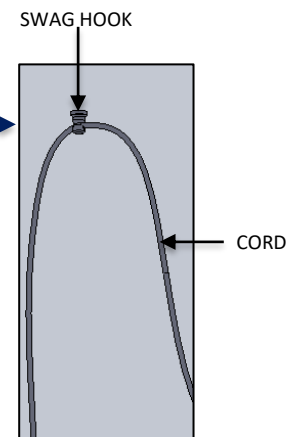


FIG. 12 – DETAIL VIEW
SHOWING CORD INSTALLATION

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4. Hang the fixture cord into the SWAG HOOK and adjust the desired height. Run the cord back to the CANOPY and measure 8" past the STRAIN RELIEF BRACKETS and make a mark. Cut the CORD so that a minimum of 8" of CORD is left after the STRAIN RELIEF as shown in FIG. 13.

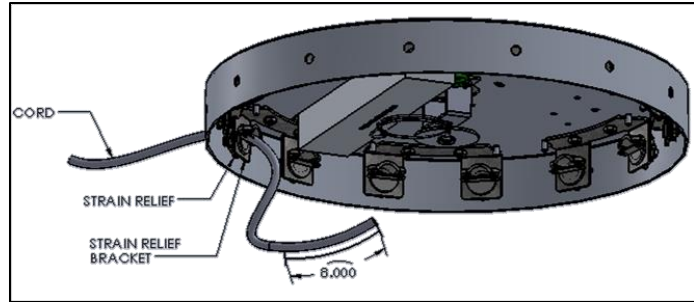


FIG. 13 -CORD INSTALLATION WITH BRACKET

5. Clamp the STRAIN RELIEF onto the CORD at the mark that was previously made as shown below in FIG. 14 and FIG. 15.

WARNING:



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

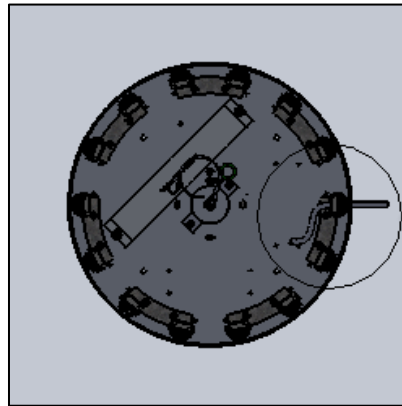


FIG. 14 -BOTTOM VIEW SHOWING CORD
INSTALLATION WITH STRAIN RELIEF

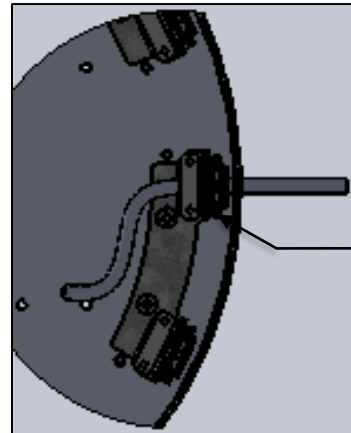


FIG. 15 -DETAIL SHOWING STRAIN
RELIEF INSTALLATION

6. Repeat steps 3-5 for all 7 or 14 luminaires.
7. 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)	P7CE: 7 DROP CLUSTER PENDANT WITH SIDE EXIT POWER CORDS	17"	STATIC WHITE	LED1	0-10V DIMMING 10% (DMO)	WIRE DIAGRAM A ON PAGE 6
	P14CD: 14 DROP CLUSTER PENDANT WITH SIDE EXIT POWER CORDS					WIRE DIAGRAM B ON PAGE 7

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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)

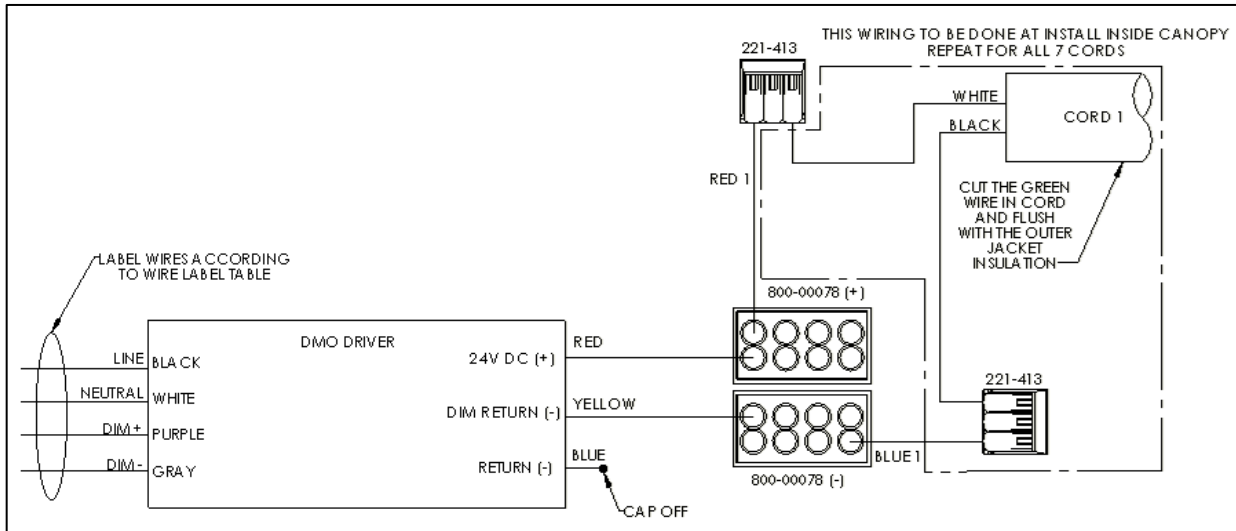


FIG. 17 – WIRE DIAGRAM A (FOR 7 DROP)

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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)

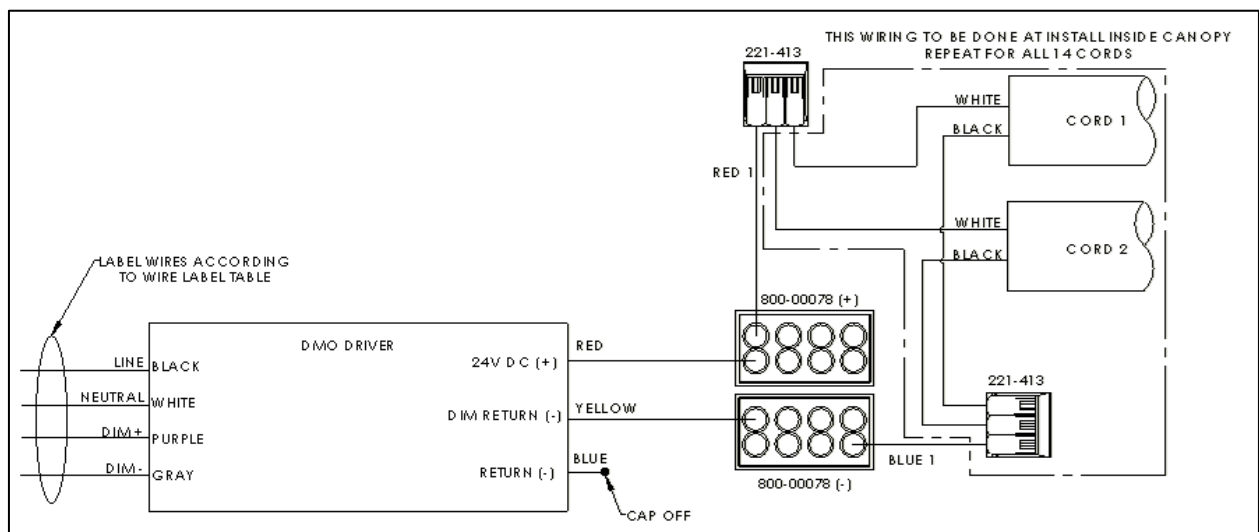


FIG. 19 – WIRE DIAGRAM B (FOR 14 DROP)

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8. Raise up CANOPY LID with CENTER Bracket in the CANOPY and turn clockwise to re-secure the lid to the CANOPY as shown below in FIG. 20. Do not overtighten the lid.

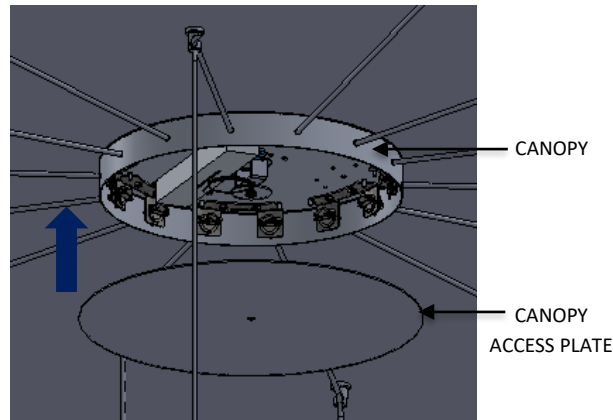


FIG. 20 - FINIAL INSTALLATION

9. 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.

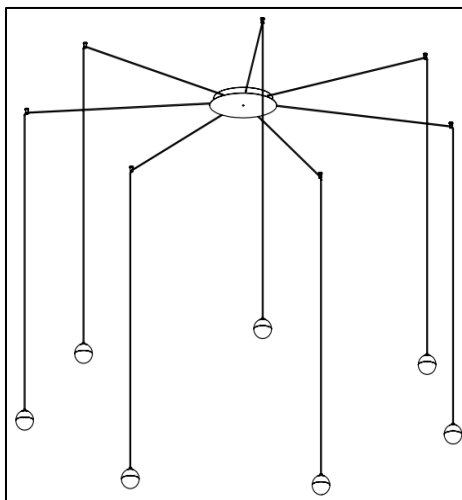


FIG. 21 - COMPLETED INSTALLATION OF
GLOWBALL DIVERGE SWAG PENDANT P7CE
HANGING SYSTEM

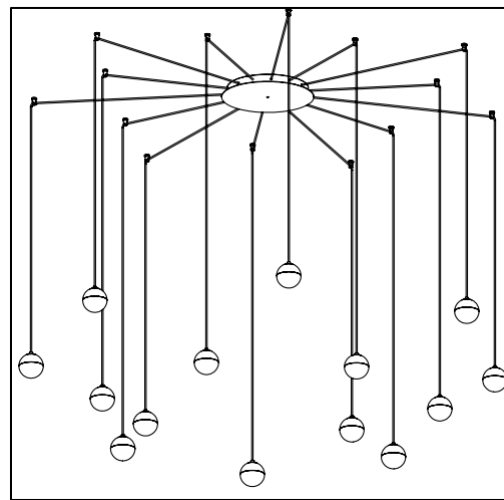


FIG. 22 - COMPLETED INSTALLATION OF
GLOWBALL DIVERGE SWAG PENDANT P14CE
HANGING SYSTEM

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EXAMPLE LAYOUTS [FOR 7 DROP]:

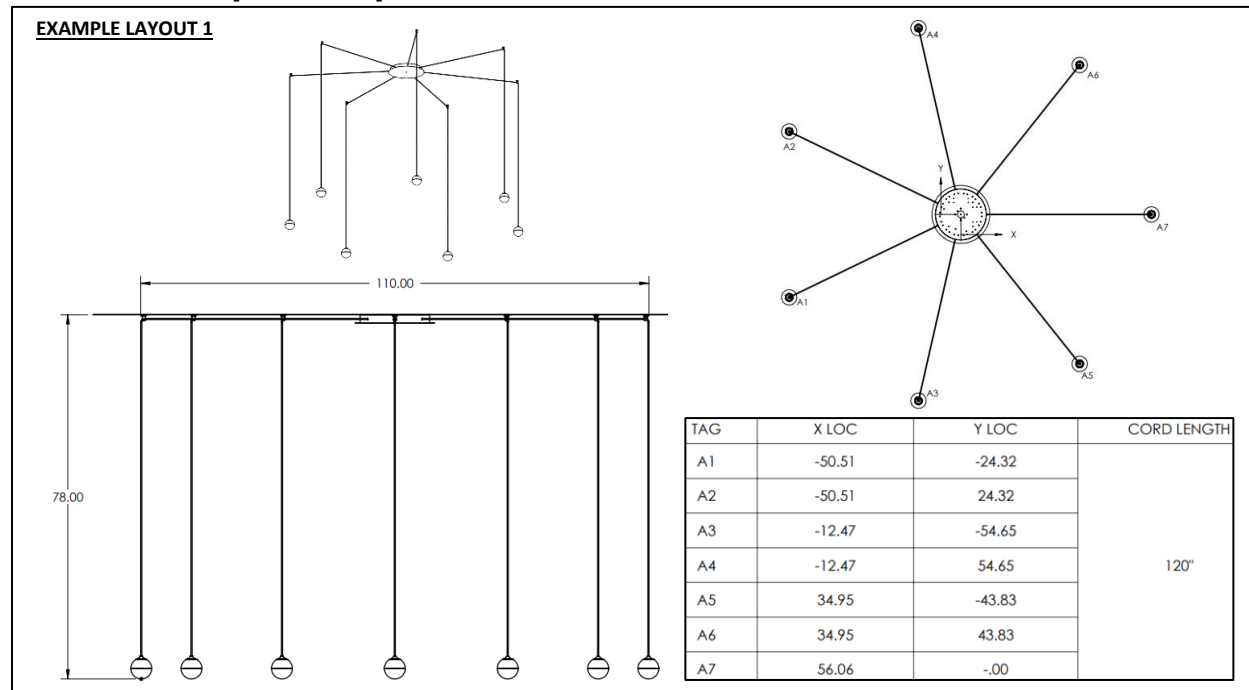


FIG. 23 – INSTALLATION OF GLOWBALL DIVERGE SWAG PENDANT P7CE HANGING SYSTEM WITH EXAMPLE LAYOUT 1 WITH CO-ORDINATES

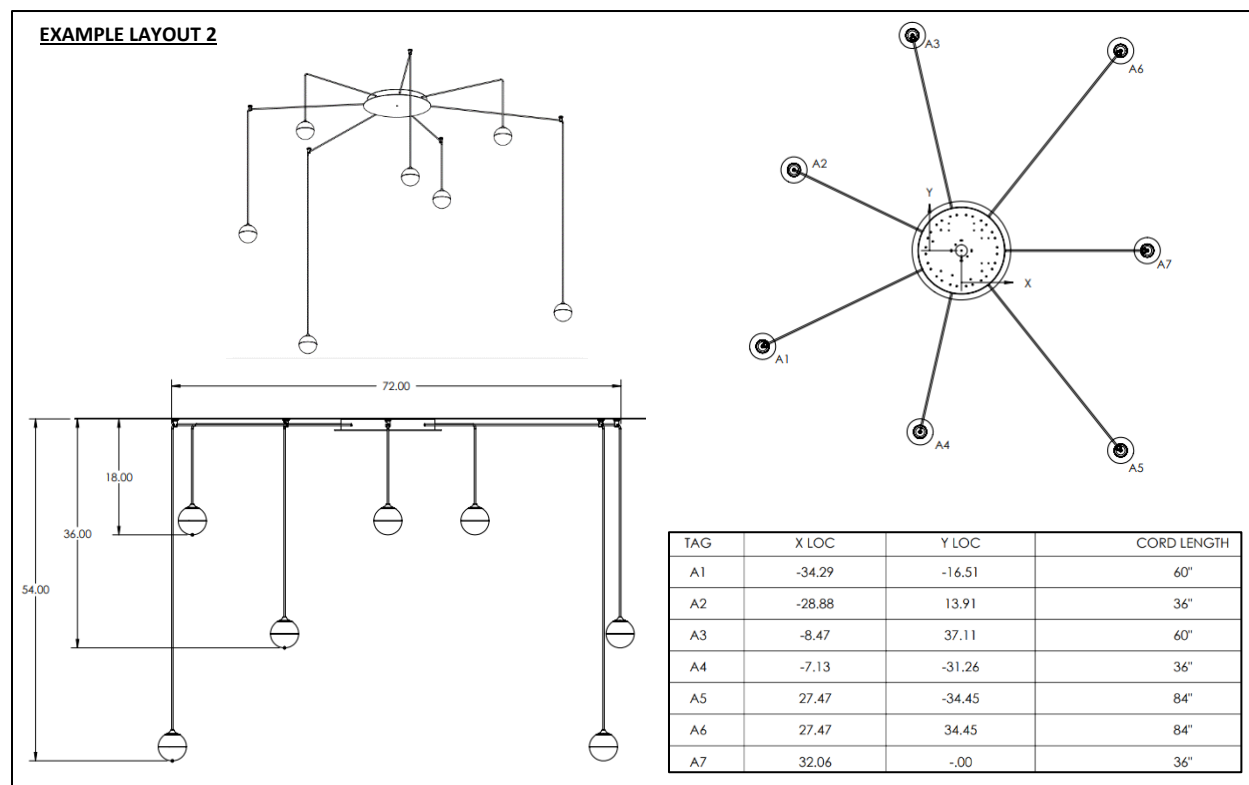


FIG. 24 - INSTALLATION OF GLOWBALL DIVERGE SWAG PENDANT P7CE HANGING SYSTEM WITH EXAMPLE LAYOUT 2 WITH CO-ORDINATES

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EXAMPLE LAYOUT 3

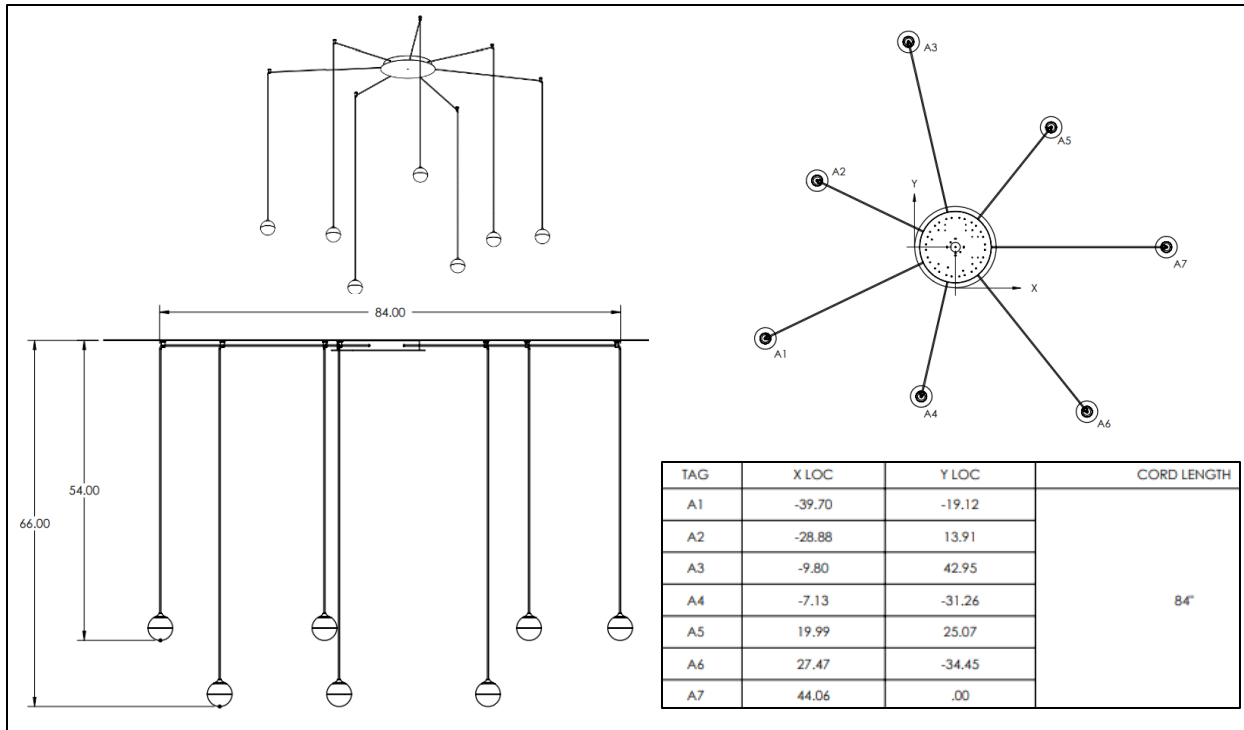


FIG. 25 - INSTALLATION OF GLOWBALL DIVERGE SWAG PENDANT P7CE HANGING SYSTEM WITH EXAMPLE LAYOUT 3 WITH CO-ORDINATES

EXAMPLE LAYOUTS [FOR 14 D ROP]:

EXAMPLE LAYOUT 1

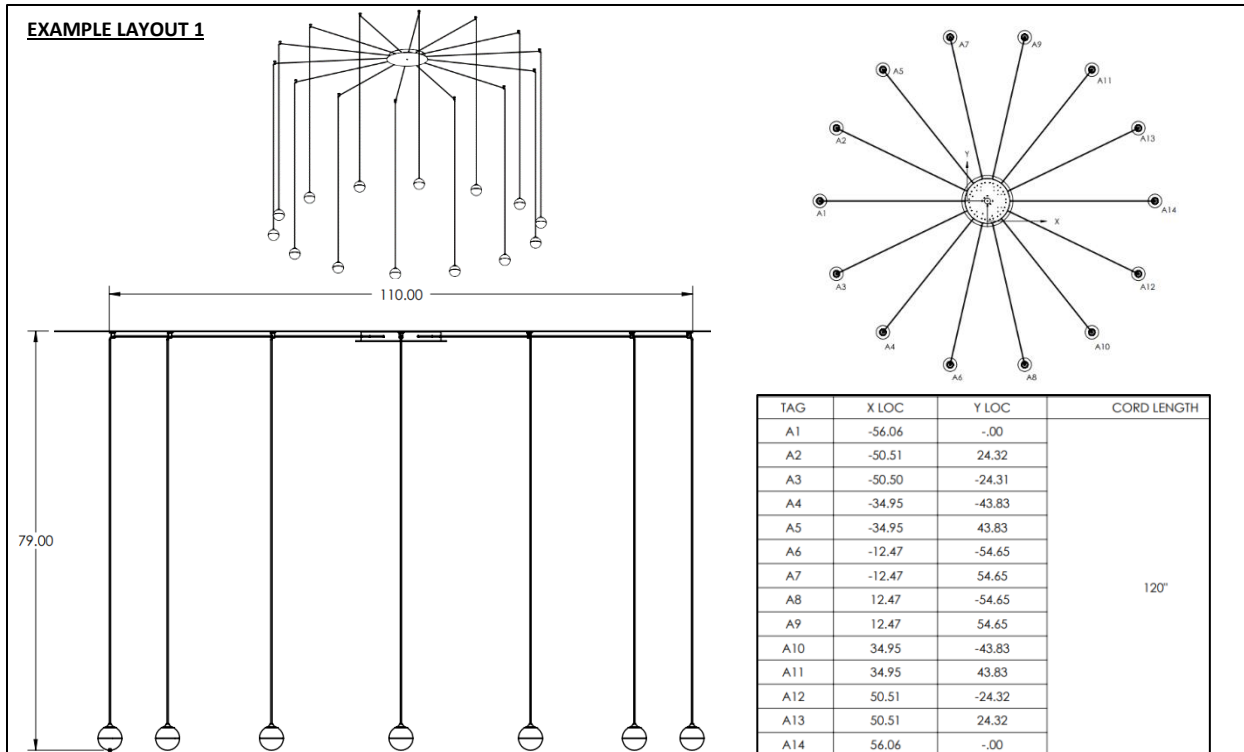


FIG. 26 - INSTALLATION OF GLOWBALL DIVERGE SWAG PENDANT P14CE HANGING SYSTEM WITH EXAMPLE LAYOUT 1 WITH CO-ORDINATES

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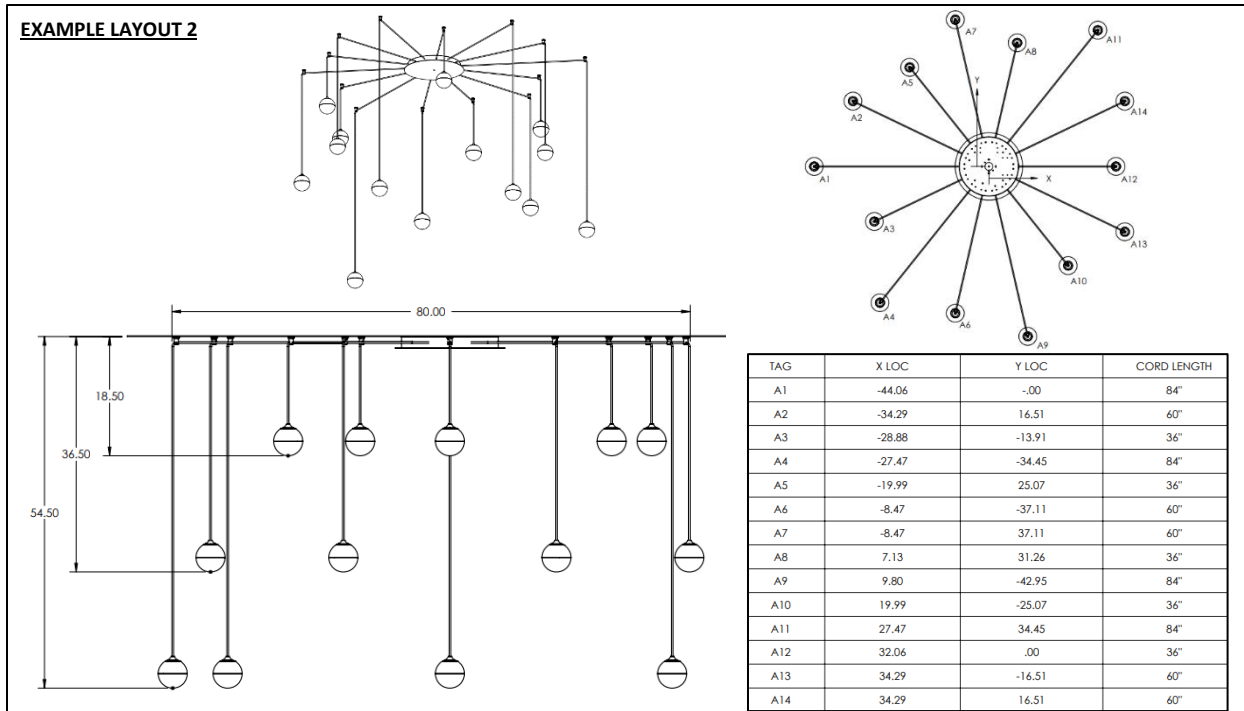


FIG. 27 - INSTALLATION OF GLOWBALL DIVERGE SWAG PENDANT P14CE HANGING SYSTEM WITH EXAMPLE LAYOUT 2 WITH CO-ORDINATES

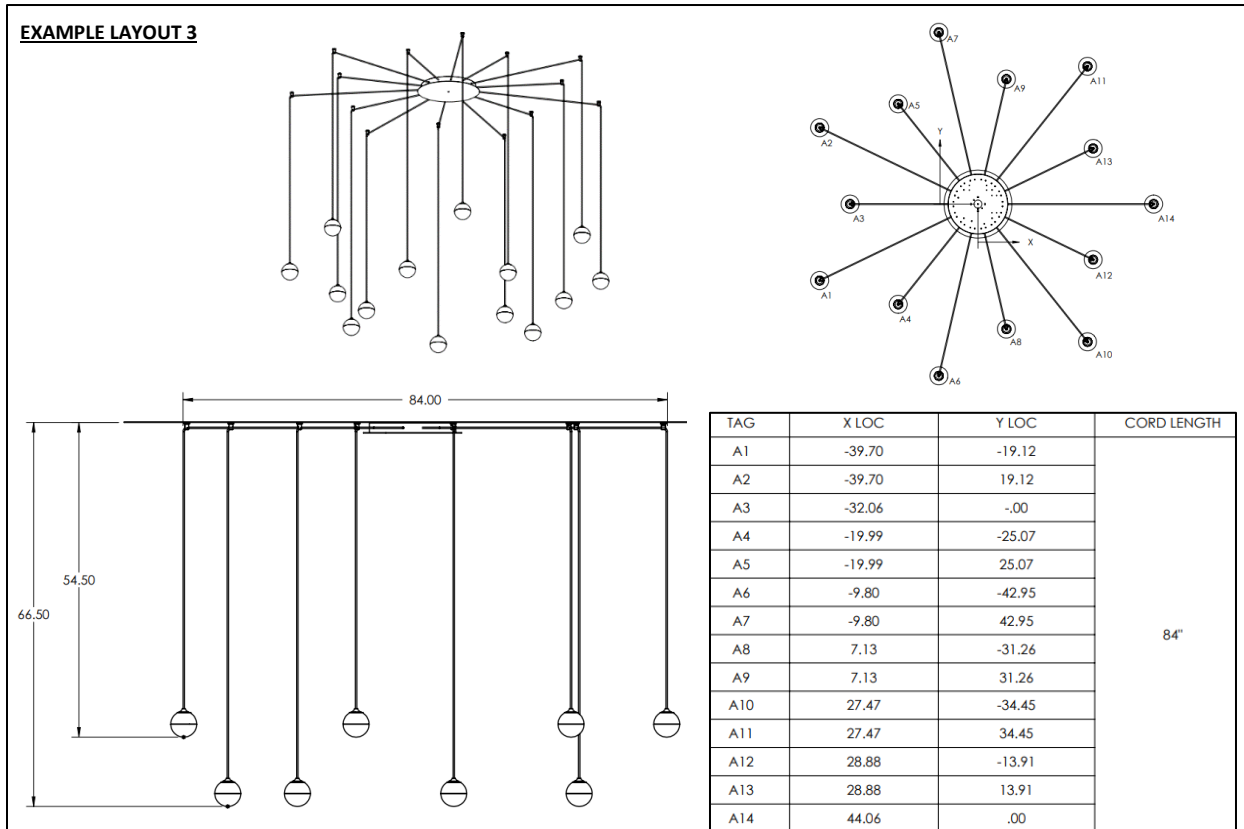


FIG. 28 - INSTALLATION OF GLOWBALL DIVERGE SWAG PENDANT P14CE HANGING SYSTEM WITH EXAMPLE LAYOUT 3 WITH CO-ORDINATES

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