

## INSTALLATION INSTRUCTIONS

### GLOWRING PENDANT WITH P1DB HANGING SYSTEM

These instructions cover the GLOWRING luminaire with the following options:

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE DIAGRAM
1. GL1(GLOWRING) 2. GL2(GLOWRING OUTER TRIM) 3. GL3(GLOWRING INNER TRIM)	P1DB: PENDANT WITH ANGLED AIRCRAFT CABLES AND POWER CORD TO CANOPY WITH INTEGRAL DRIVER	24	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON PAGE 5
		36	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON PAGE 5
		48	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON PAGE 6
		60	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON PAGE 7
		72	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM B ON PAGE 7

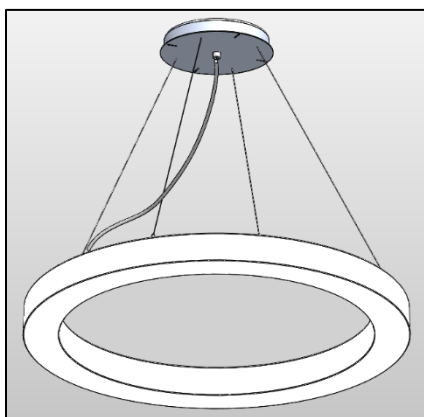


FIG. 1 - GL1-P1DB-XX-MW-XXX-LEDX\_XXK-UNV-XXX-DM~XXX (SHOWN)

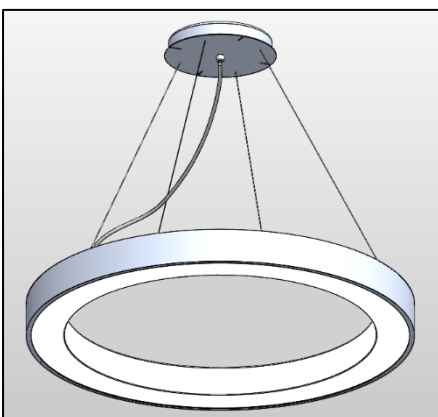


FIG. 2 – GL2-P1DB-XX-MW-XXX-LEDX\_XXK-UNV-XXX-DM~XXX (SHOWN)

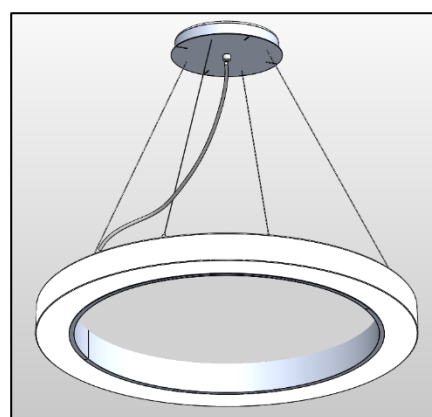


FIG. 3 – GL3-P1DB-XX-MW-XXX-LEDX\_XXK-UNV-XXX-DM~XXX (SHOWN)

#### 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 GLOWRING LUMINAIRE HANG FREE UNTILL ALL THE AIRCRAFT CABLES ARE SECURED AND EVENLY TENSIONED.
6. KEEP HANDS AWAY FROM THE SILICONE DIFFUSER. DO NOT TOUCH IT AT ALL TIMES.

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Phone: 314.863.1895

Fax: 314.863.3278

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Sensitivity: Internal & Restricted

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## GLX-P1DB-ALLSIZES\_INSTALLATION INSTRUCTIONS

### GENERAL INFORMATION:

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

1. GLOWRING LUMINAIRE. (Pre-assembled as shown in FIG. 4)
2. CANOPY WITH DRIVERS INSTALLED (as shown in FIG. 5)
3. INSTALLATION INSTRUCTIONS (shown in FIG. 6) - Please completely read the install instructions before starting installation.
4. RED BAG (shown in FIG. 6)
  - a. MOUNTING KIT (as shown in FIG. 7)
    - i. FOUR (4) AIRCRAFT CABLES

**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.**

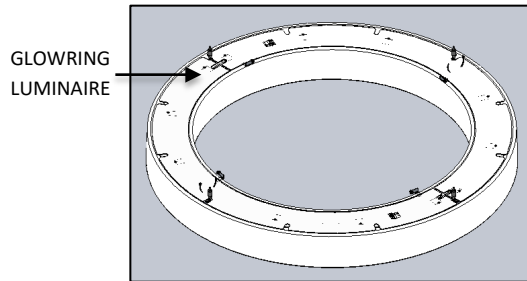


FIG. 4 GLOWRING LUMINAIRE (PRE-ASSEMBLED)

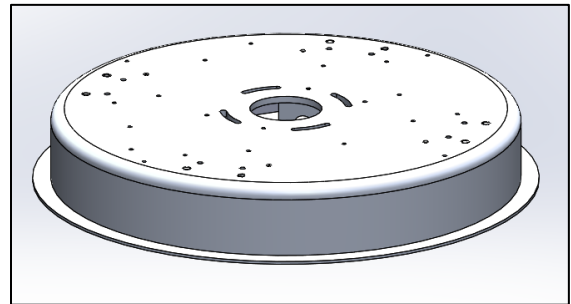


FIG. 5- CANOPY WITH DRIVER INSTALLED

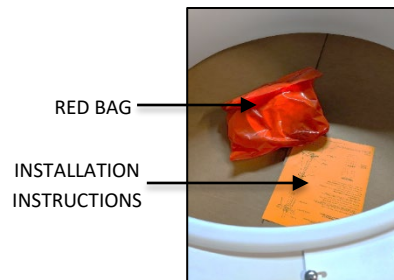


FIG. 6 RED BAG AND  
INSTALLATION  
INSTRUCTIONS

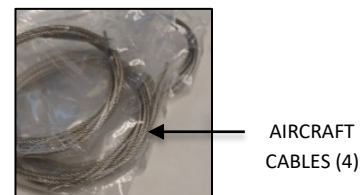


FIG. 7 MOUNTING KIT CONTENTS

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# GLX-P1DB-ALLSIZES\_INSTALLATION INSTRUCTIONS

## MOUNTING:

1. Mark location for the NON-POWERED MOUNTING POINT according to the MOUNTING INFORMATION TABLE and FIG. 8.

SERIES	FIXTURE DIAMETER	FIXTURE WEIGHT	MOUNTING POINT	MIN/MAX OAH
 <b>GL1(GLOWRING)</b>	24"	23LBS	1	24"/144"
	36"	31LBS	1	24"/144"
	48"	41LBS	1	30"/144"
 <b>GL2(GLOWRING OUTER TRIM)</b>	60"	50LBS	1	36"/144"
	72"	58LBS	1	36"/144"
 <b>GL3(GLOWRING INNER TRIM)</b>				

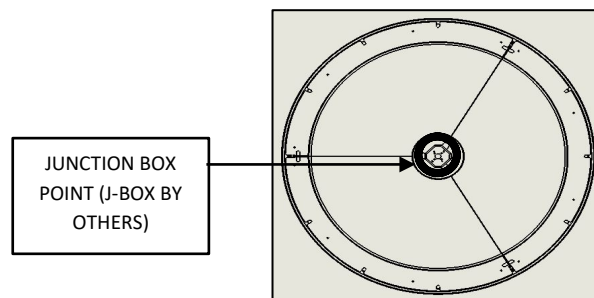


FIG. 8 - TOP VIEW SHOWING MOUNTING VIEW INFORMATION

## GLOWRING MOUNTING [CANOPY]:

1. Dis-assemble the FINIAL and the CANOPY PLATE from the CANOPY ASSEMBLY as shown in FIG. 9 below.
2. Assemble the CANOPY ASSEMBLY to the JUNCTION BOX (by others) with screws (by others) at the center of the non-powered mounting points as shown in FIG. 10 below.

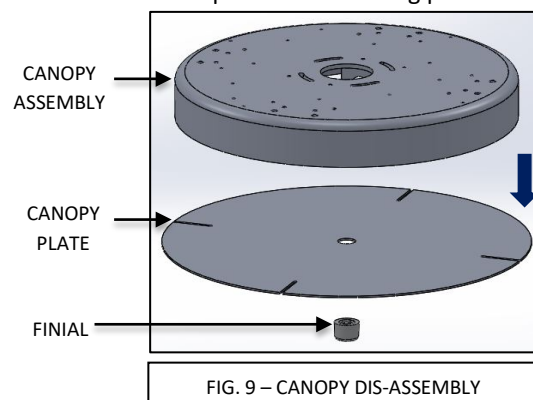


FIG. 9 - CANOPY DIS-ASSEMBLY

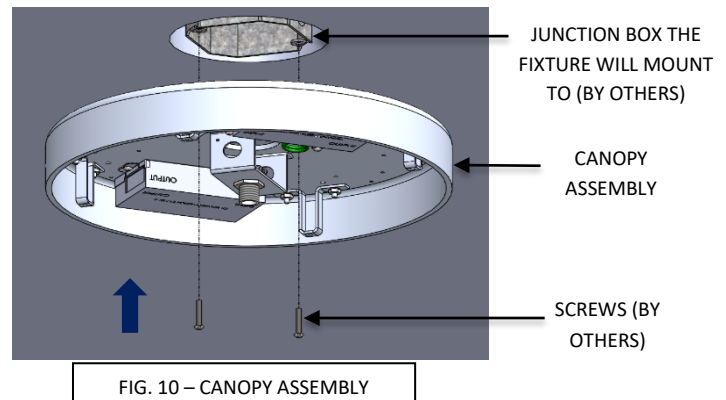


FIG. 10 - CANOPY ASSEMBLY

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## GLX-P1DB-ALLSIZES\_INSTALLATION INSTRUCTIONS

- Connect building supply wires to the driver. See WIRE DIAGRAM TABLE for correct WIRE DIAGRAM. Refer to correct Wire Diagram for wire connections. Make all wire connections in accordance with the national electrical code and all applicable local and state codes.

WIRE DIAGRAM TABLE						
SERIES	HANGING SYSTEM	BODY SIZE	LIGHT SOURCE	LED OUTPUT	CONTROL	WIRE DIAGRAM
1. GL1(GLOWRING)	P1DB	24	STATIC WHITE	LED1	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON PAGE 5
				LED2		
2. GL2(GLOWRING OUTER TRIM)	P1DB	36	STATIC WHITE	LED1	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON PAGE 5
				LED2		
3. GL3(GLOWRING INNER TRIM)	P1DB	48	STATIC WHITE	LED1	0-10V DIM 1% (DM1)	WIRE DIAGRAM B ON PAGE 6
				LED2		
3. GL3(GLOWRING INNER TRIM)	P1DB	60	STATIC WHITE	LED1	0-10V DIM 1% (DM1)	WIRE DIAGRAM C ON PAGE 7
				LED2		
3. GL3(GLOWRING INNER TRIM)	P1DB	72	STATIC WHITE	LED1	0-10V DIM 1% (DM1)	WIRE DIAGRAM C ON PAGE 7
				LED2		

### WIRE DIAGRAM A (FOR 24" & 36"):

#### DRIVER WIRES TO BUILDING SUPPLY

BLACK WIRE = LINE VOLTAGE  
WHITE WIRE = NEUTRAL  
GREEN WIRE = GROUND  
PURPLE = DIM +  
GREY = DIM -

FIG. 11 – WIRE CONNECTION FROM BUILDING SUPPLY TO DRIVER

#### WIRE LABEL TABLE

CONTROL	WIRE COLOR	LABEL
ALL	RED	DRIVER 1 LED (+)
ALL	BLACK	DRIVER 1 & 2 LED (-)
ALL	RED/WHITE	DRIVER 2 LED (+)
ALL	RED/PURPLE	-
ALL	RED/GREY	-

FIG. 12 – WIRE CONNECTION FROM DRIVER TO FIXTURE CORD

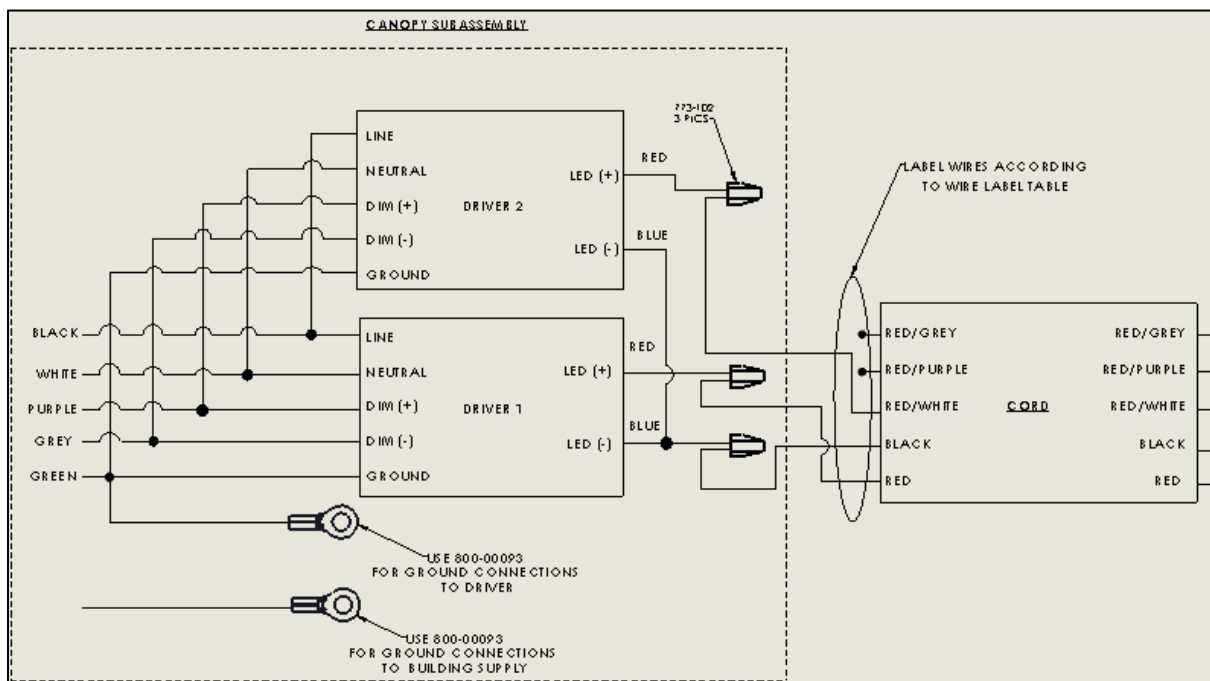


FIG. 13 – WIRE DIAGRAM FOR 24" & 36" SERIES

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**WIRE DIAGRAM B (FOR 48"):**

**DRIVER WIRES TO BUILDING SUPPLY**

BLACK WIRE = LINE VOLTAGE  
WHITE WIRE = NEUTRAL  
GREEN WIRE = GROUND  
PURPLE = DIM +  
GREY = DIM -

FIG. 14 – WIRE CONNECTION FROM BUILDING SUPPLY TO DRIVER

WIRE LABEL TABLE		
CONTROL	WIRE COLOR	LABEL
ALL	RED	DRIVER 1 LED (+)
ALL	BLACK	DRIVER 1,2 & 3 LED (-)
ALL	RED/WHITE	DRIVER 2 LED (+)
ALL	RED/PURPLE	DRIVER 3 LED (+)
ALL	RED/GREY	CAPOFF

FIG. 15 – WIRE CONNECTION FROM DRIVER TO FIXTURE CORD

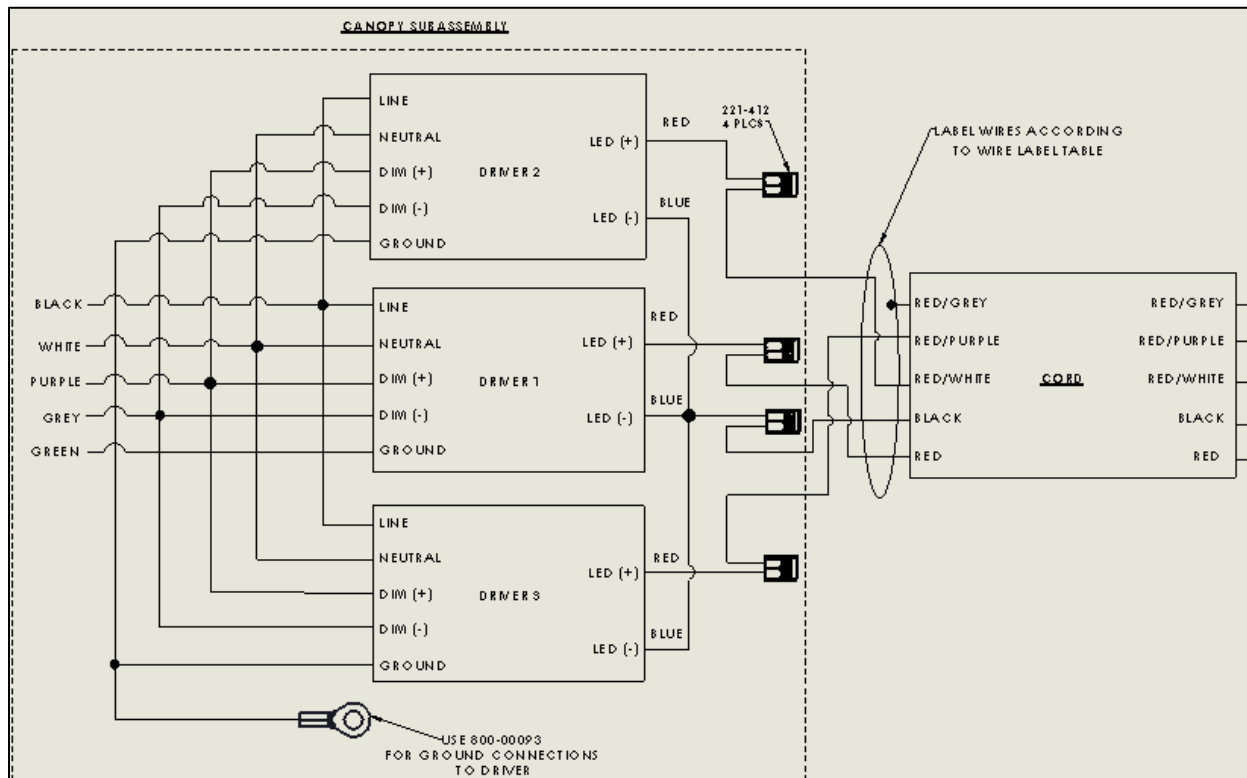


FIG. 16 – WIRE DIAGRAM FOR 48" SERIES

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**WIRE DIAGRAM C (FOR 60" & 72"):**

**DRIVER WIRES TO BUILDING SUPPLY**

BLACK WIRE = LINE VOLTAGE  
WHITE WIRE = NEUTRAL  
GREEN WIRE = GROUND  
PURPLE = DIM +  
GREY = DIM -

FIG. 17 – WIRE CONNECTION FROM BUILDING SUPPLY TO DRIVER

WIRE LABEL TABLE		
CONTROL	WIRE COLOR	LABEL
ALL	RED	DRIVER 1 LED (+)
ALL	BLACK	DRIVER 1,2,3 & 4 LED (-)
ALL	RED/WHITE	DRIVER 2 LED (+)
ALL	RED/PURPLE	DRIVER 3 LED (+)
ALL	RED/GREY	DRIVER 4 LED (+)

FIG. 18 – WIRE CONNECTION FROM DRIVER TO FIXTURE CORD

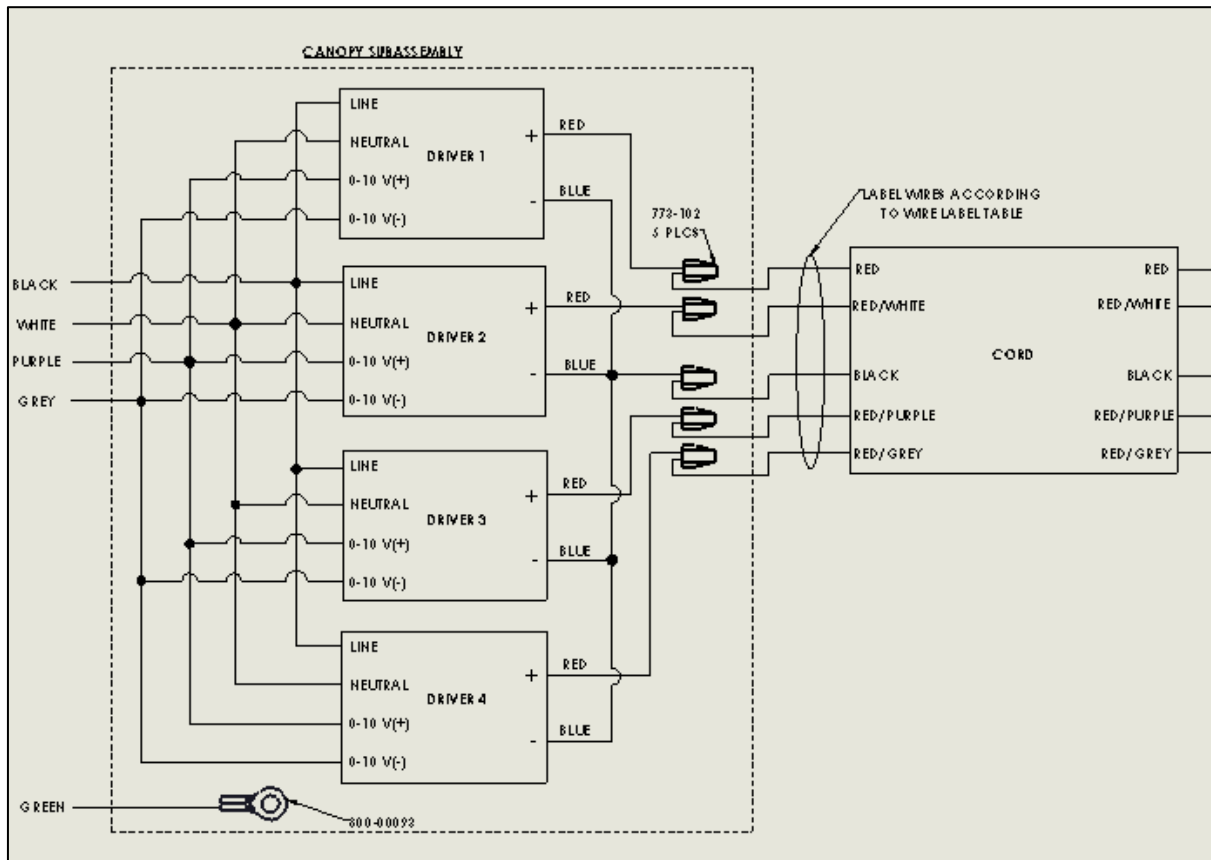


FIG. 19 – WIRE DIAGRAM FOR 60" & 72" SERIES

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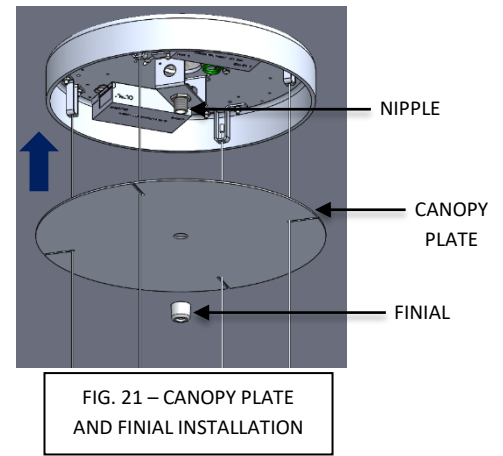
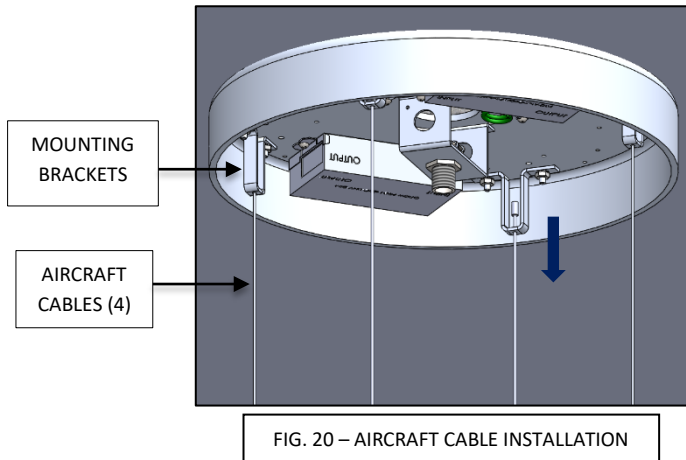
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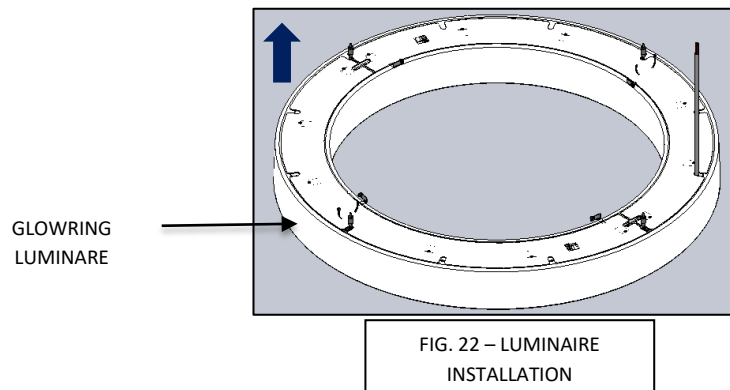
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## GLX-P1DB-ALLSIZES\_INSTALLATION INSTRUCTIONS

4. Feed the AIRCRAFT CABLES (4) through the holes of MOUNTING BRACKETS in the CANOPY as shown in FIG. 20.
5. Loosely secure CANOPY PLATE to the ceiling by threading the FINIAL to the NIPPLE (available in CANOPY ASSEMBLY) as shown below in FIG. 21.

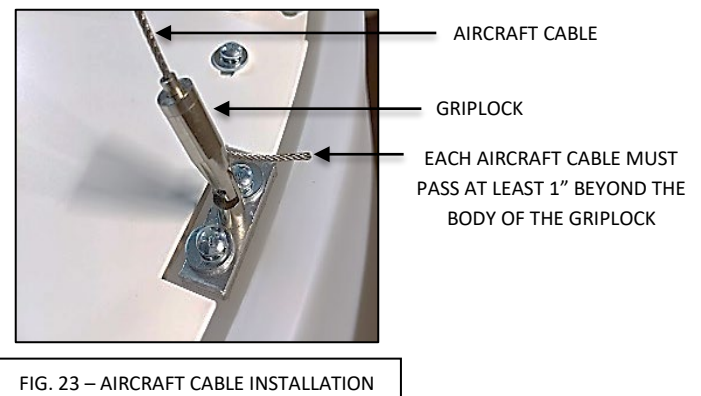


6. Locate GLOWRING LUMINAIRE and with multiple people raise up GLOWRING LUMINAIRE to AIRCRAFT CABLES.


**WARNING:**


1. Do not let the GLOWRING LUMINAIRE hang free until all the AIRCRAFT CABLES are secured and evenly tensioned.

7. To feed AIRCRAFT CABLE into the GRIPLOCK, press the plunger of the GRIPLOCK and insert the AIRCRAFT CABLE into the body of the GRIPLOCK as shown in FIG. 23.
  - a. Each AIRCRAFT CABLE must pass at least 1" beyond the body of the GRIPLOCK. When cutting off excess cable always leave at least 1" of cable showing.
  - b. Cables may be cut using purpose-built cutters such as Felco C7. Cable will not fray unless passed repeatedly through the Gripper mechanism or otherwise abused.
  - c. To prevent fraying of freshly cut ends, re-solder or apply a drop of super-glue.



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## GLX-P1DB-ALLSIZES\_INSTALLATION INSTRUCTIONS

8. Once the GLOWRING LUMINAIRE is secured to the AIRCRAFT CABLES (4) at the GRIPLOCK (4), unthread the FINIAL from the CANOPY ASSEMBLY and lower the CANOPY PLATE and pass the CORD through the FINIAL and the CANOPY PLATE as shown in FIG. 24.
9. Feed POWER CORD through the NIPPLE (available in CANOPY ASSEMBLY) and secure at desired length with STRAIN RELIEF provided in CANOPY ASSEMBLY as shown in FIG 25.

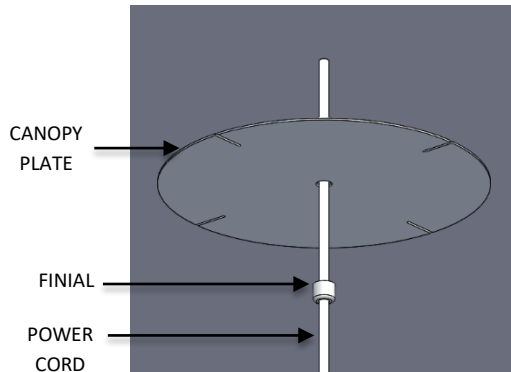


FIG. 24 – CANOPY PLATE  
AND FINIAL INSTALLATION

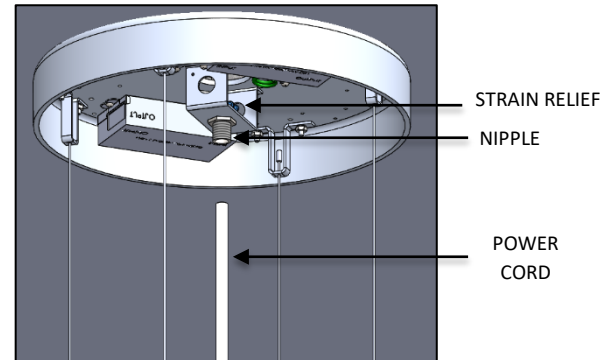


FIG. 25 – CORD CONNECTION TO  
DRIVERS

10. Make all wire connections in the inside the CANOPY ASSEMBLY in accordance with the national electrical code and all applicable local and state codes. See wire diagram on page 5, 6 and 7 for corresponding models.
11. Once the connections are given, raise the CANOPY PLATE and secure it to the CANOPY ASSEMBLY by threading the FINIAL to the NIPPLE (in CANOPY ASSEMBLY) until fully seated as shown in FIG. 26.

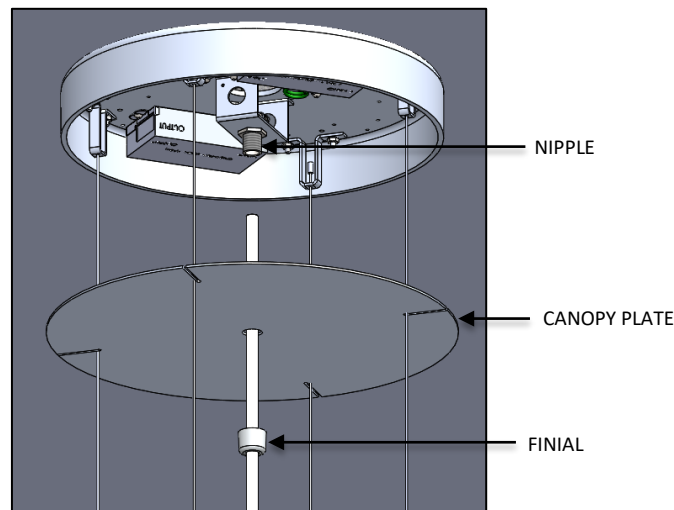


FIG. 26 – CANOPY PLATE AND FINIAL  
INSTALLATION

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12. Restore power to circuit the GLOWRING series pendant is connected to.

- Test to see that the luminaire turns on after power is restored.
- Contact OCL for any luminaire troubleshooting if a problem occurs.

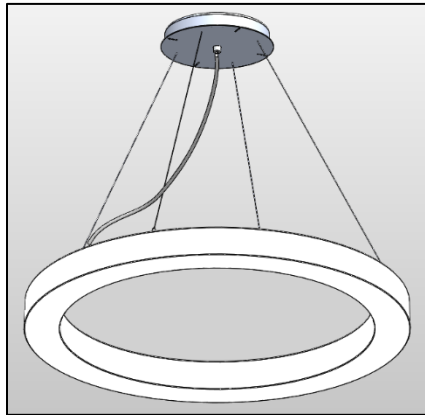


FIG. 27 - COMPLETED INSTALLATION OF GLOWRING PENDANT WITH P1DB HANGING SYSTEM GL1 (GLOWRING) (SHOWN)

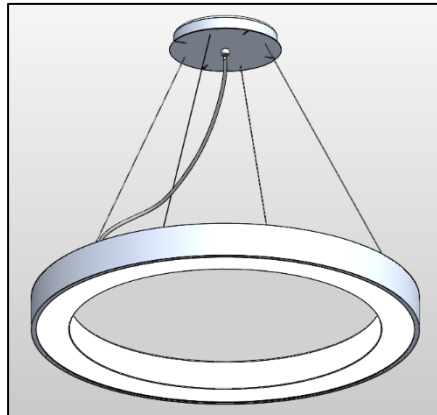


FIG. 28 - COMPLETED INSTALLATION OF GLOWRING PENDANT WITH P1DB HANGING SYSTEM GL2 (GLOWRING OUTER TRIM) (SHOWN)

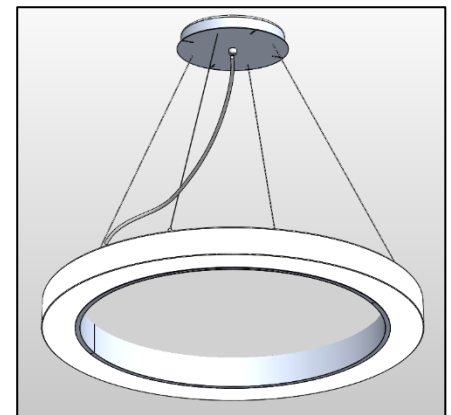


FIG. 29 - COMPLETED INSTALLATION OF GLOWRING PENDANT WITH P1DB HANGING SYSTEM GL3 (GLOWRING INNER TRIM) (SHOWN)

13. If there is option for Acoustic Panel, place the Acoustic part above the fixture body such that it is eventually balanced and assembly concentrically to the axis of fixture body as shown in FIG. 30, 31 & 32 below.

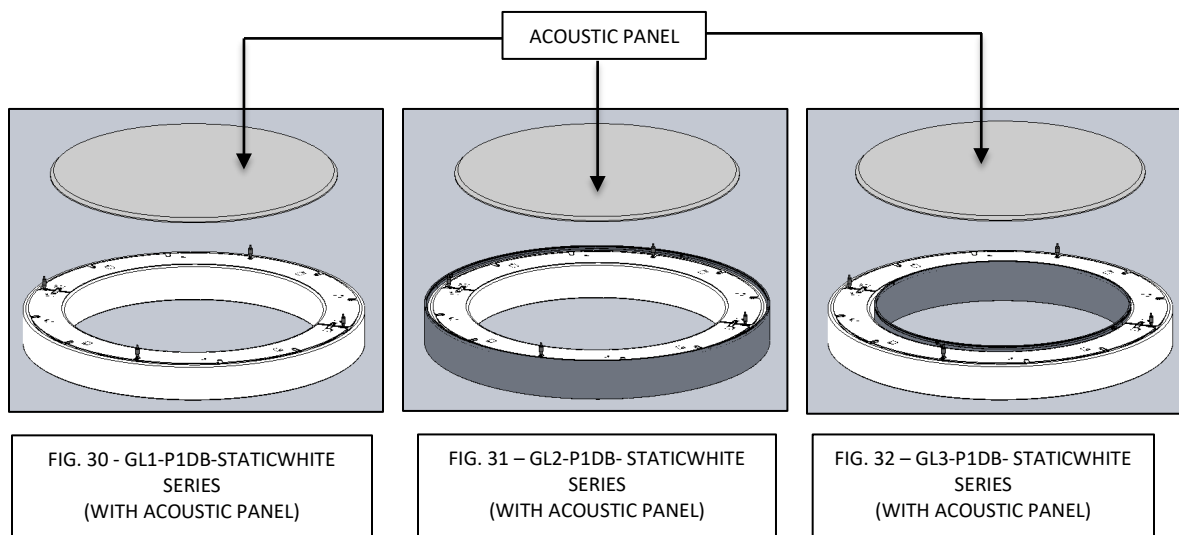


FIG. 30 - GL1-P1DB-STATICWHITE SERIES (WITH ACOUSTIC PANEL)

FIG. 31 - GL2-P1DB- STATICWHITE SERIES (WITH ACOUSTIC PANEL)

FIG. 32 - GL3-P1DB- STATICWHITE SERIES (WITH ACOUSTIC PANEL)