

INSTALLATION INSTRUCTIONS

KWYET PENDANT WITH P1FK/P1FF HANGING SYSTEM

These Instructions cover the KWYET luminaire with the following options:

SERIES	HANGING SYSTEM	SIZE	LIGHT SOURCE	CONTROL	WIRE DIAGRAM
KW4 (SPHERE)	P1FK: PENDANT WITH 5.75" SURFACE MOUNT CANOPY, SINGLE CENTER AIRCRAFT CABLE AND WHITE POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); INTEGRAL DRIVERS; NOTE: STATIC WHITE WITH NO DOWNLIGHT (ND)	21"	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON PAGE 7
		33"			
	P1FF: PENDANT WITH 8" SURFACE MOUNT CANOPY, SINGLE CENTER AIRCRAFT CABLE AND WHITE POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); INTEGRAL DRIVERS; NOTE: STATIC WHITE WITH DOWNLIGHT	21"	STATIC WHITE	0-10V DIM 1% (DM1)	WIRE DIAGRAM B ON PAGE 8
		33"			



FIG. 1 – KW4-P1FK-P1FF-XX-MW-XXX-LEDX_XXK-XX-LED1_XXK-UNV-XXX-DM1

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 KWYET LUMINAIRE HANG FREE UNTIL THE AIRCRAFT CABLE IS SECURED AND EVENLY TENSIONED.
- 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.

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KW4-P1FK-P1FF-STATIC WHITE-INSTALLATION INSTRUCTIONS

GENERAL INFORMATION:

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

1. KWYET 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. FOURTEEN (14) FINS (FIN shape may change depending upon the model) (shown in FIG. 4)
4. RED BAG (shown in FIG. 3) contains below following items
 - a. CANOPY
 - b. MOUNTING KIT CONTENTS (as shown in FIG. 5)
 - i. AIRCRAFT CABLE
 - ii. MOUNTING BRACKET ASSEMBLY
 - 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.

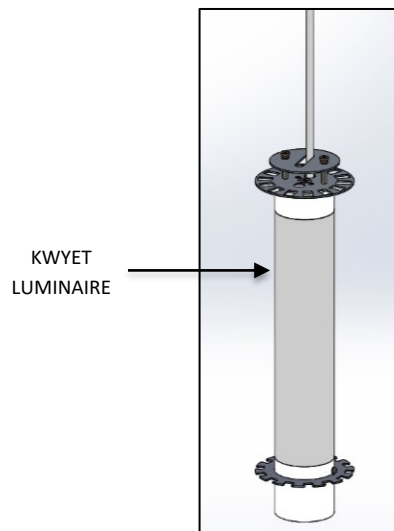


FIG. 2 - KWYET LUMINAIRE (PRE-ASSEMBLED)

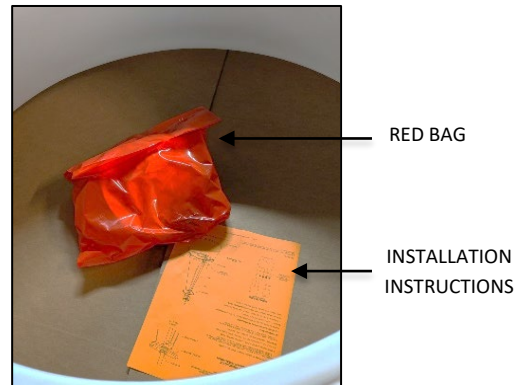


FIG. 3 - RED BAG AND
INSTALLATION INSTRUCTIONS

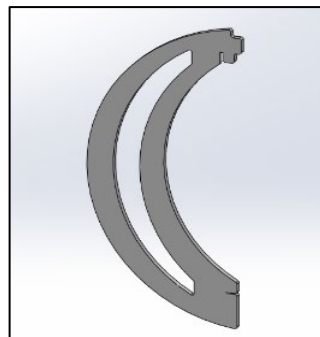


FIG. 4 - FIN

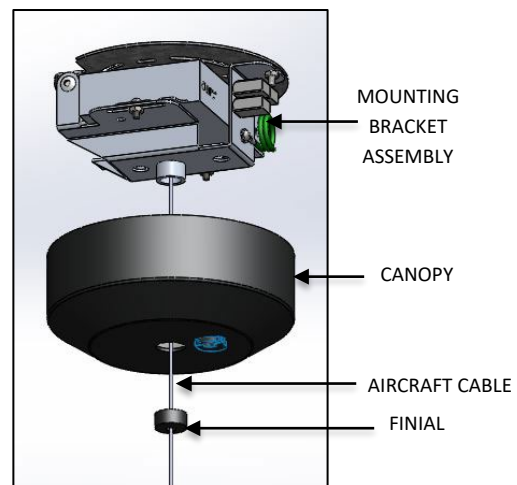


FIG. 5 - MOUNTING KIT CONTENTS

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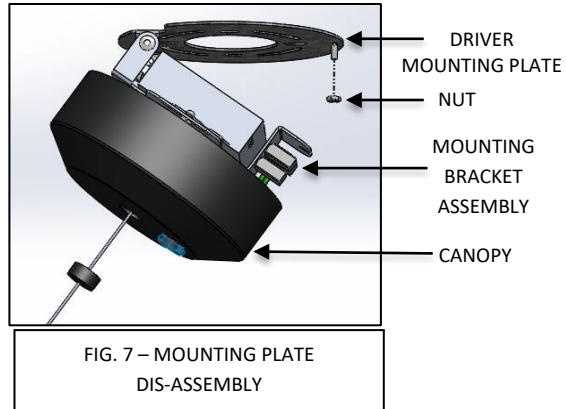
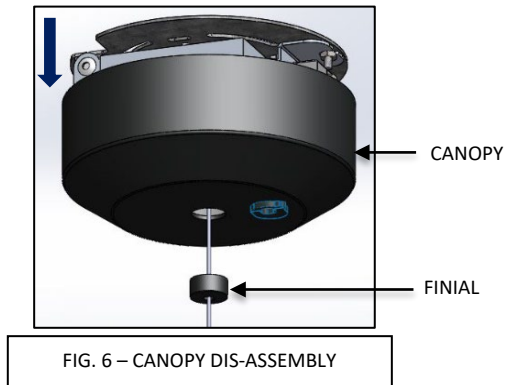
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KW4-P1FK-P1FF-STATIC WHITE-INSTALLATION INSTRUCTIONS

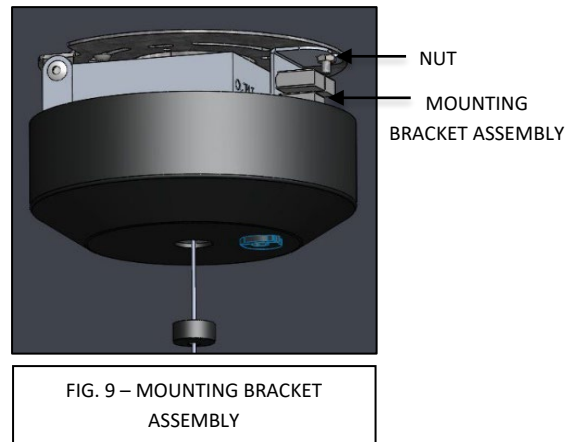
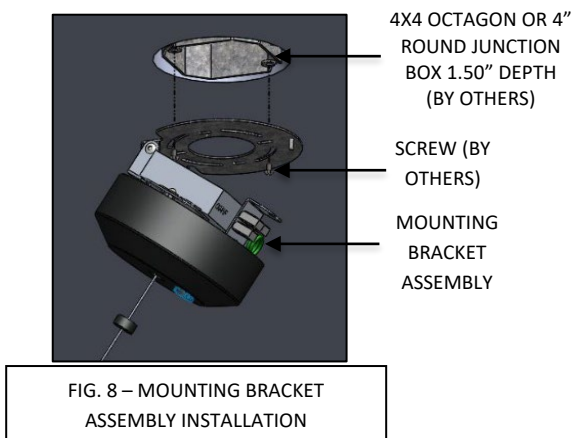
MOUNTING:

KWYET MOUNTING [CANOPY]:

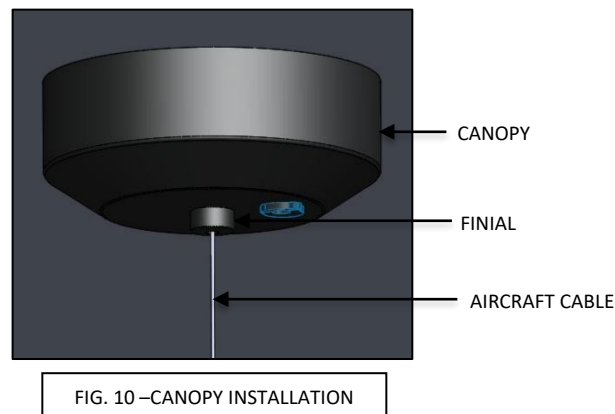
1. Unscrew CANOPY FINIAL and remove CANOPY. Be careful not to scratch finish as shown in FIG. 6.
2. Unscrew the NUT securing MOUNTING PLATE to driver MOUNTING BRACKET. Swing driver mounting bracket down and out of the way as shown below in FIG. 7.



3. Attach MOUNTING BRACKET to JUNCTION BOX (by other) as shown below in FIG. 8.
4. Tighten NUT to secure DRIVER MOUNTING BRACKET to MOUNTING PLATE. As shown below in fig. 9.



5. Loosely secure CANOPY to the ceiling by threading the FINIAL to the mounting bracket assembly. as shown below in fig. 10.



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6. Raise the FIXTURE and feed the AIRCRAFT CABLE into the GRIPLOCK by pressing the plunger of the GRIPLOCK and insert the AIRCRAFT CABLE into the body of the GRIPLOCK and adjust fixture drop to desired height as shown in FIG. 11.
 - a. Each AIRCRAFT CABLE must pass at least 1.75" 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.

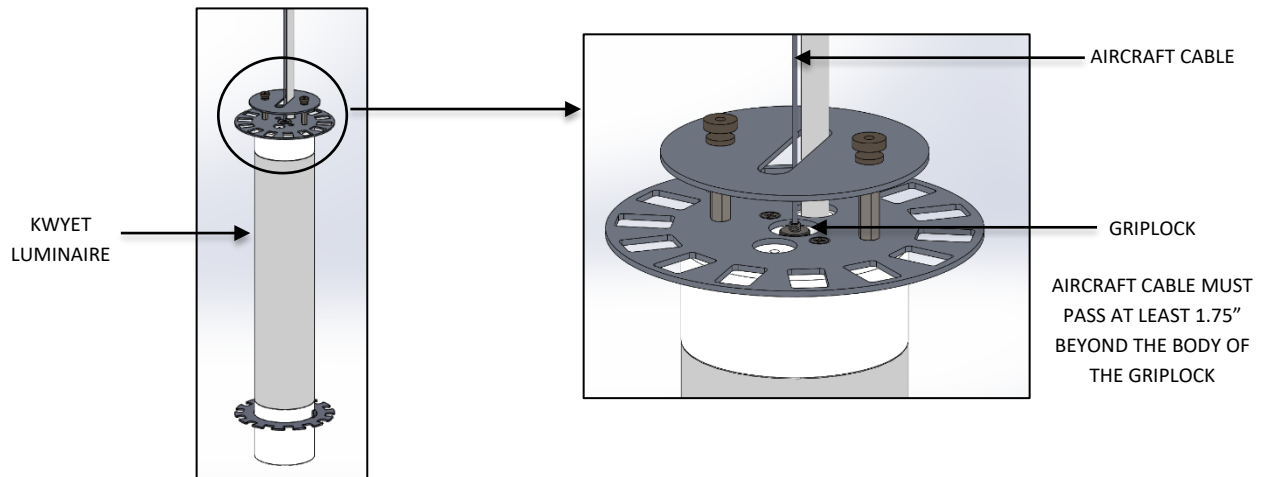


FIG. 11 – AIRCRAFT CABLE INSTALLATION

WARNING:


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

7. Once the KWYET FIXTURE is secured to the AIRCRAFT CABLE at the GRIPLOCK, unthread the FINIAL from the MOUNTING BRACKET ASSEMBLY and lower the CANOPY as shown below in FIG. 12. And feed POWER CORD through the 2ND hole in the CANOPY and DRIVER MOUNTING BRACKET as shown below in FIG.13

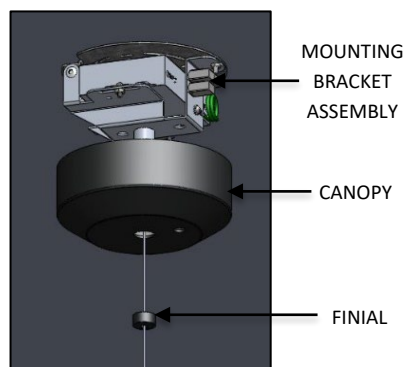


FIG. 12 – CANOPY DIS-ASSEMBLY

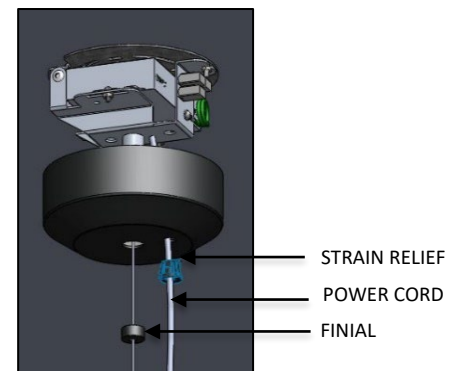


FIG. 13 – CORD INSTALLATION

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

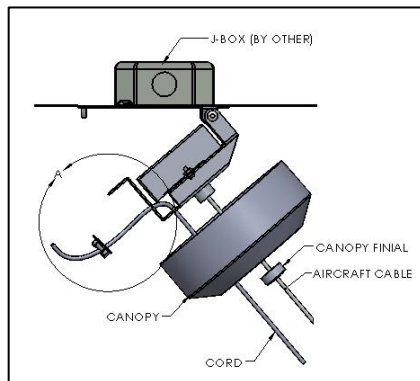
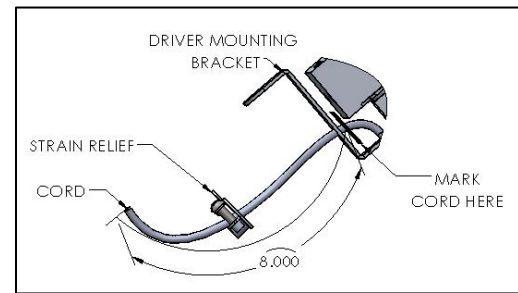
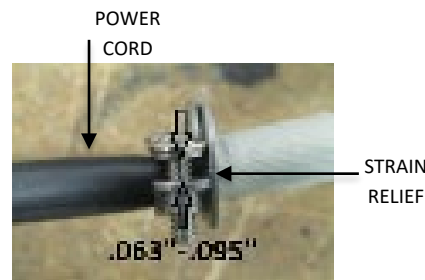


FIG. 14 -CORD INSTALLATION



DETAIL A

9. Insert CORD through the STRAIN RELIEF and tighten two SCREWS on the STRAIN RELIEF above the hanging bracket where marked. Tighten screws until there is a Gap of .063" - .095" between the strain relief body and compression plate. Overtighten could damage CORD and under tighten won't support the FIXTURE properly. See detail as shown in FIG.15.
Be sure to leave a minimum of 8.00" past the strain relief to allow for wire connections.


FIG. 15 – STRAIN RELIEF
INSTALLATION

10. Make wire connections between Building Supply, Driver and fixture cord inside the junction box (by others) in accordance with the NATIONAL ELECTRICAL CODE and all applicable LOCAL AND STATE CODES. See WIRE LABEL TABLE and WIRE DIAGRAM shown in FIG. 17 and FIG. 18.

WIRE DIAGRAM TABLE						
SERIES	HANGING SYSTEM	BODY SIZE	BODYLIGHT SOURCE	LED OUTPUT	CONTROL	WIRE DIAGRAM
KW1	P1FK	36"	STATIC WHITE	LED1 & LED2	0-10V DIM 1% (DM1)	WIRE DIAGRAM A ON PAGE 7
KW2		36"	STATIC WHITE	LED1 & LED2	0-10V DIM 1% (DM1)	WIRE DIAGRAM B ON PAGE 8
KW3	P1FF	36"	STATIC WHITE	LED1 & LED2	0-10V DIM 1% (DM1)	WIRE DIAGRAM B ON PAGE 8

KW4-P1FK-P1FF-STATIC WHITE-INSTALLATION INSTRUCTIONS

WIRE DIAGRAM A (FOR P1FK MODEL):

DRIVER WIRES TO BUILDING SUPPLY

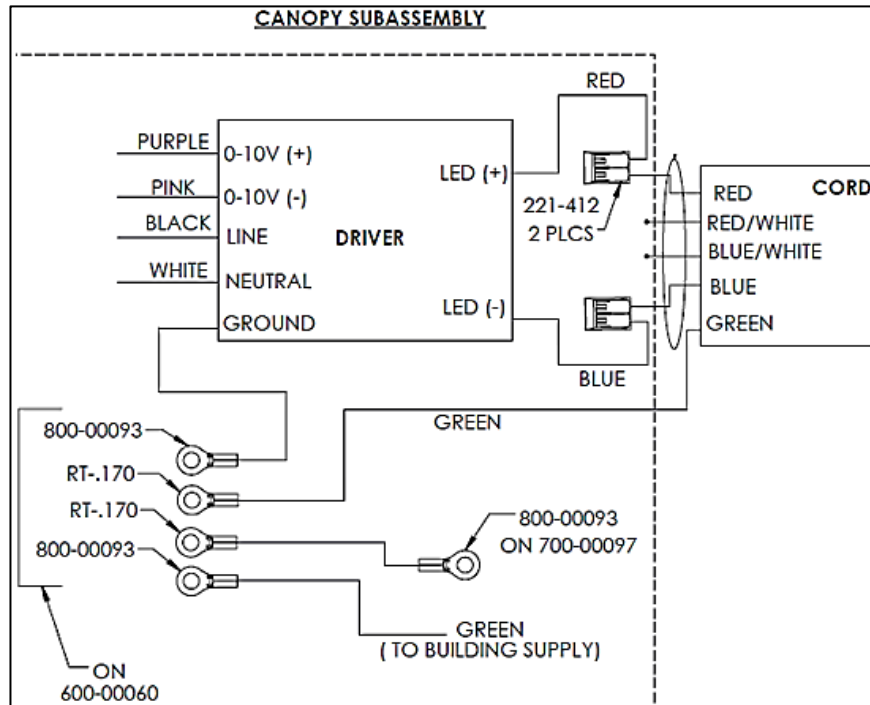
BLACK WIRE = LINE VOLTAGE
WHITE WIRE = NEUTRAL
GREEN WIRE = GROUND
PURPLE = 0-10V (+)
PINK = 0-10V (-)

FIG. 16 – WIRE CONNECTION FROM BUILDING SUPPLY TO DRIVER

WIRE LABEL TABLE

CONTROL	WIRE COLOR	LABEL
ALL	RED	LED1 +
ALL	BLUE	LED1 -

FIG. 17 – WIRE CONNECTION FROM DRIVER TO FIXTURE CORD



SEE GENERAL NOTE 7 ON PAGE 1

FIG. 18 – WIRE DIAGRAM FOR P1FK MODEL

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WIRE DIAGRAM B (FOR P1FF MODEL):

DRIVER WIRES TO BUILDING SUPPLY

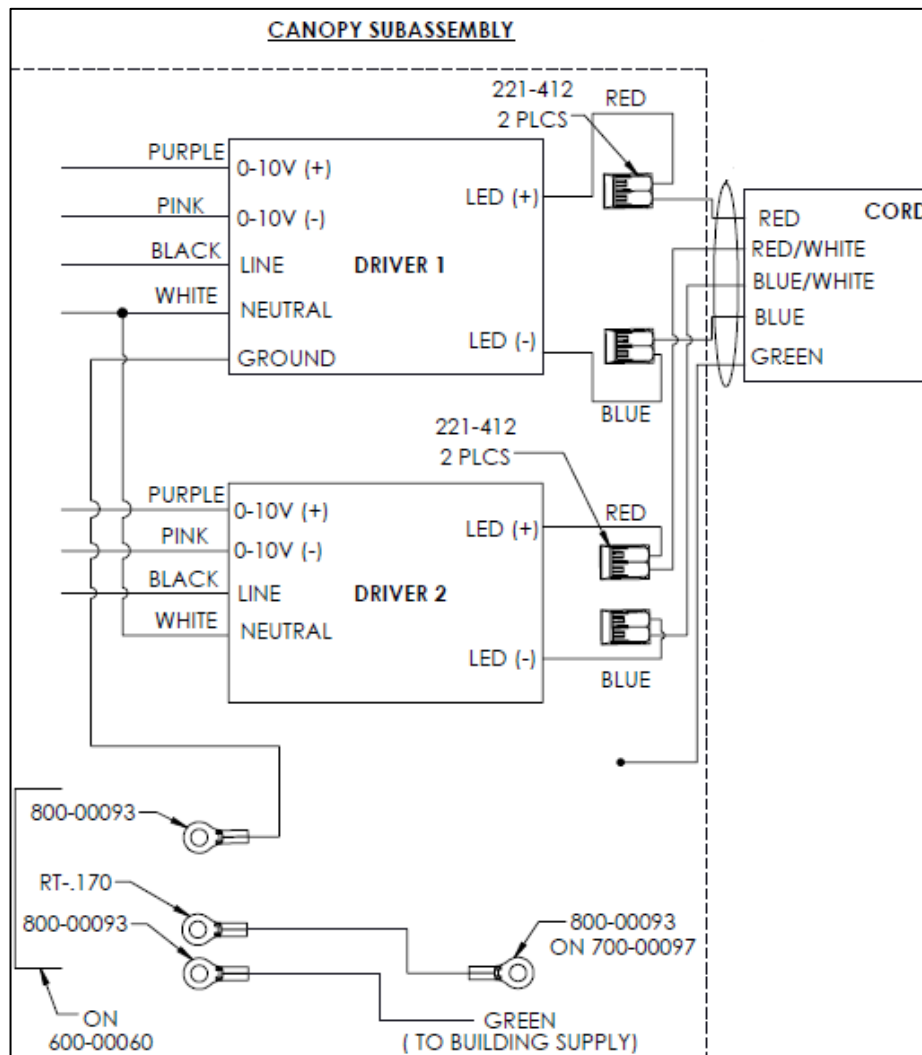
BLACK WIRE = LINE VOLTAGE
WHITE WIRE = NEUTRAL
GREEN WIRE = GROUND
PURPLE = 0-10V (+)
PINK = 0-10V (-)

FIG. 19 – WIRE CONNECTION FROM BUILDING SUPPLY TO DRIVER

WIRE LABEL TABLE

CONTROL	WIRE COLOR	LABEL
ALL	RED	DRIVER 1 LED (+)
ALL	BLUE	DRIVER 1 LED (-)
ALL	RED/WHITE	DRIVER 2 LED (+) (DOWNLIGHT)
ALL	BLUE/WHITE	DRIVER 2 LED (-) (DOWNLIGHT)

FIG. 20 – WIRE CONNECTION FROM DRIVER TO FIXTURE CORD



SEE GENERAL NOTE 7 ON PAGE 1

FIG. 21 – WIRE DIAGRAM FOR P1FF MODEL

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KW4-P1FK-P1FF-STATIC WHITE-INSTALLATION INSTRUCTIONS

11. Raise CANOPY and secure to ceiling by threading the FINIAL to the NIPPLE (available in MOUNTING BRACKET ASSEMBLY) as shown below in FIG. 22.
12. Remove the 2 KNURLED NUTS and raise the BRACKET COVER as shown in FIG. 23 below.

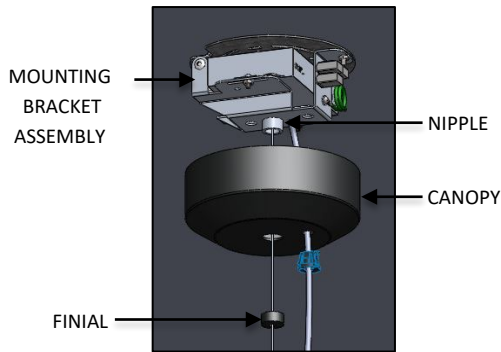


FIG. 22 – FINIAL INSTALLATION

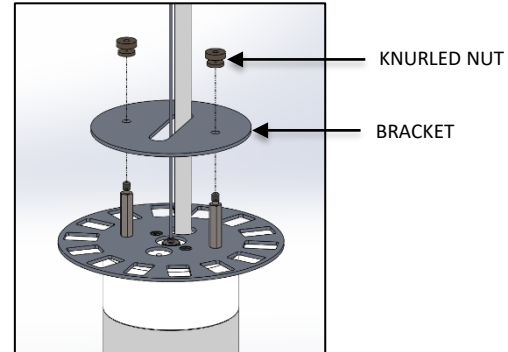


FIG. 23 – BRACKET DIS-ASSEMBLY

13. Install the first fin by inserting the tab into the top fin bracket. Then press the notch into the bottom fin bracket to keep stable as shown in FIG. 24 & 25 below.
14. Repeat step 13 for remaining fins, making sure to install fins in an opposite pattern in order to keep the fixture balanced as shown in FIG. 26. Tighten the KNURLED NUTS and secure BRACKET COVER.

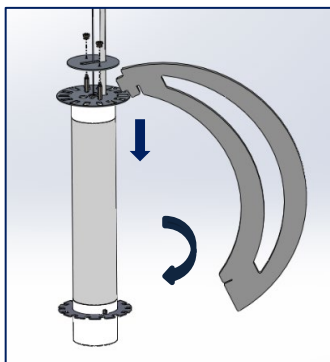


FIG. 24 – FIN

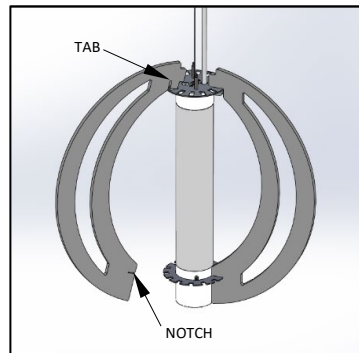


FIG. 25 – FIN

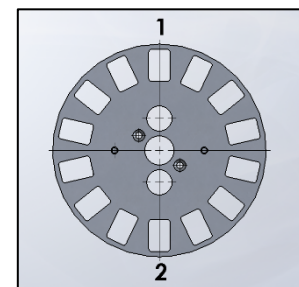


FIG. 26 – FIN INSTALLATION PATTERN

15. Restore power to circuit the KWAYET series 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.

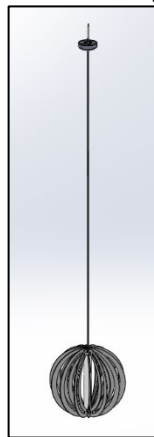


FIG. 30 - COMPLETED INSTALLATION OF KW4-P1FF-P1FF-XX-MW-XXX-LEDX_XXK-XX-LED1 XXK-UNV-XXX-DM1

1.

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