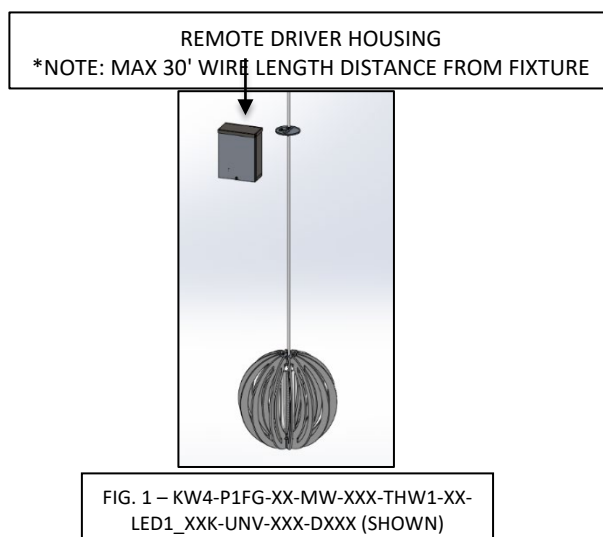


INSTALLATION INSTRUCTIONS

KWYET PENDANT WITH P1FG HANGING SYSTEM (TWH1)

These instructions cover the KWYET Luminaire with the following options:

| SERIES | HANGING SYSTEM | SIZE | DOWNLIGHT OPTION | LIGHT SOURCE | CONTROL | WIRE DIAGRAM |
|-----------------|--|------|------------------|----------------|-----------------|--------------------------|
| KW4 (SPHERE) | P1FG: PENDANT WITH 5" FLAT CANOPY, SINGLE CENTER AIRCRAFT CABLE AND WHITE POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); REMOTE DRIVER ENCLOSURE | 21" | NO DOWNLIGHT | TUNEABLE WHITE | DALI | WIRE DIAGRAM A ON PAGE 5 |
| | | 33" | | | | |
| | | 21" | WITH DOWNLIGHT | TUNEABLE WHITE | DALI | WIRE DIAGRAM B ON PAGE 6 |
| | | 33" | | | | |
| | | 21" | NO DOWNLIGHT | TUNEABLE WHITE | DUAL 0-10V(DM8) | WIRE DIAGRAM C ON PAGE 7 |
| | | 33" | | | | |
| | | 21" | WITH DOWNLIGHT | TUNEABLE WHITE | DUAL 0-10V(DM8) | WIRE DIAGRAM D ON PAGE 8 |
| | | 33" | | | | |



GENERAL NOTES:

- PLEASE COMPLETELY READ THE INSTALL INSTRUCTIONS BEFORE STARTING INSTALLATION.
- 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.
- REMOTE MOUNTING DRIVERS - OCL RECOMMENDS: MAX 30' WIRE LENGTH DISTANCE FROM FIXTURE FOR NON-DIMMING AND DM1. MAX 10' WIRE LENGTH REMOTE DISTANCE FOR LUTRON. ENCLOSURE SHOULD REMAIN ACCESSIBLE AFTER INSTALLATION.
- DO NOT LET THE KWYET LUMINAIRE HANG FREE UNTIL AIRCRAFT CABLE IS SECURED AND EVENLY TENSIONED.
- 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.
- 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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GENERAL INFORMATION:

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

1. KWT 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. RED BAG (shown in FIG. 3) contains below following items
 - a. CANOPY (as shown in FIG. 4)
 - b. MOUNTING KIT (as shown in FIG. 5)
 - i. STRAIN RELIEF
 - ii. MOUNTING BRACKET ASSEMBLY
 - iii. ONE (1) AIRCRAFT CABLE
 - iv. ONE (1) CEILING COUPLER (CC)
4. REMOTE DRIVER BOX WITH DRIVER INSTALLED (as shown in FIG. 6)
5. FIN (as shown in FIG. 7)

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.

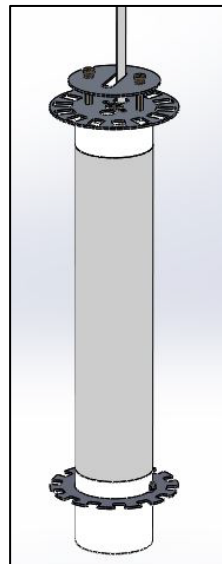


FIG. 2 - KWT LUMINAIRE
(PRE-ASSEMBLED)

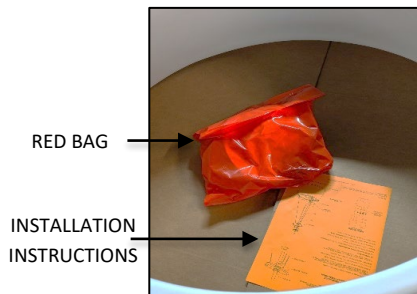


FIG. 3 RED BAG AND INSTALLATION
INSTRUCTIONS

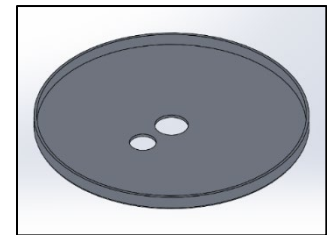


FIG. 4 - CANOPY

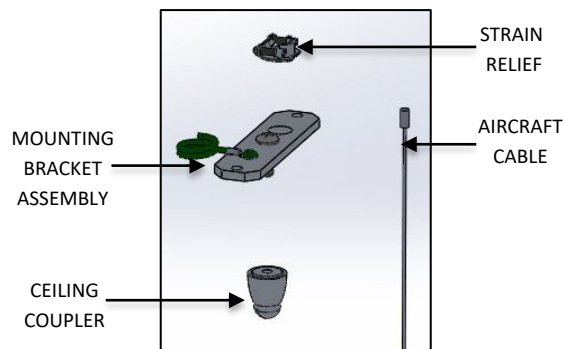


FIG. 5 - MOUNTING KIT

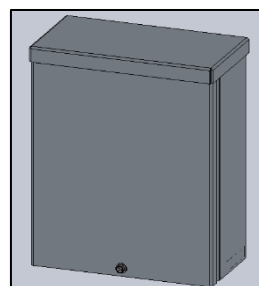


FIG. 6 - REMOTE DRIVER
BOX WITH DRIVER

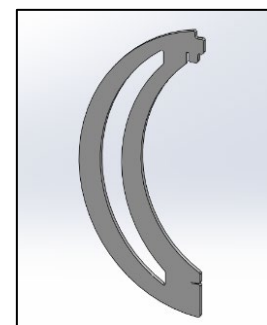


FIG. 7 - FIN

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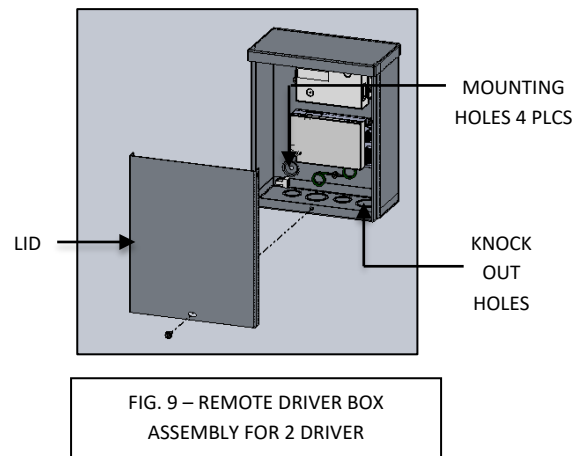
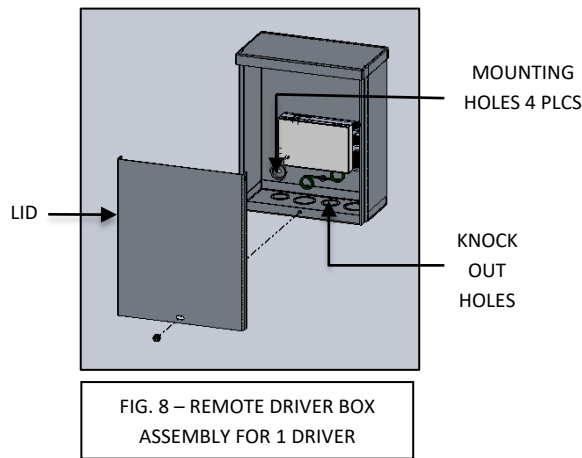
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REMOTE DRIVER MOUNTING:

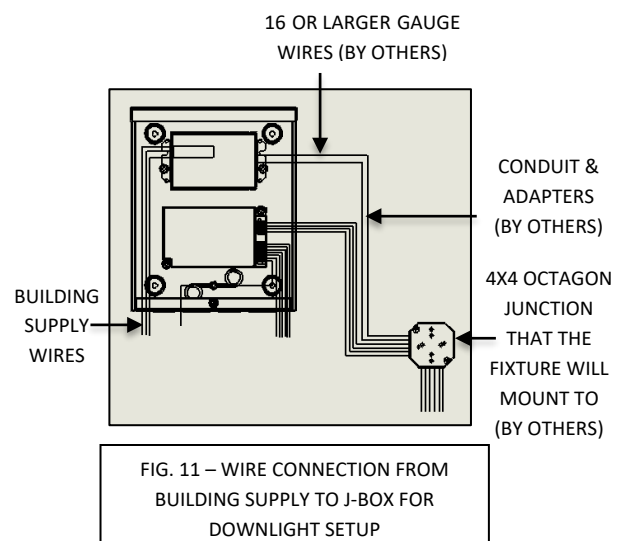
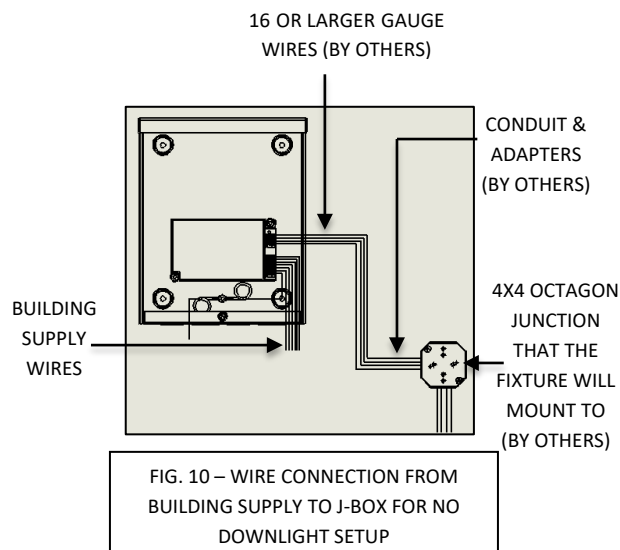
1. Shut off power.
2. Remove the lid of the REMOTE DRIVER HOUSING as shown in FIG. 8 and FIG. 9 below.



3. Mount the REMOTE DRIVER HOUSING to code in a location that is 30 feet or less from the FIXTURE BODY and is accessible after installing. Max wire length is 30ft measured from the FIXTURE BODY to the DRIVER.
4. Using the knockout holes at the bottom of the remote box, run conduit into the remote box for the building supply wires (line voltage) and conduit out of the remote box for the fixture wire (low voltage). Conduit, adapters and wires are supplied by other.

NOTE: Do not run Line Voltage and Low Voltage wires in the same conduit.

5. Depending upon the size of the fixture (see WIRE DIAGRAM TABLE on Page 5 for correct Wire Diagram) Run 16 gauge or larger wires from the remote box to the fixture junction box (wires, conduit & junction box by other) as shown below in FIG. 10 and FIG. 11.

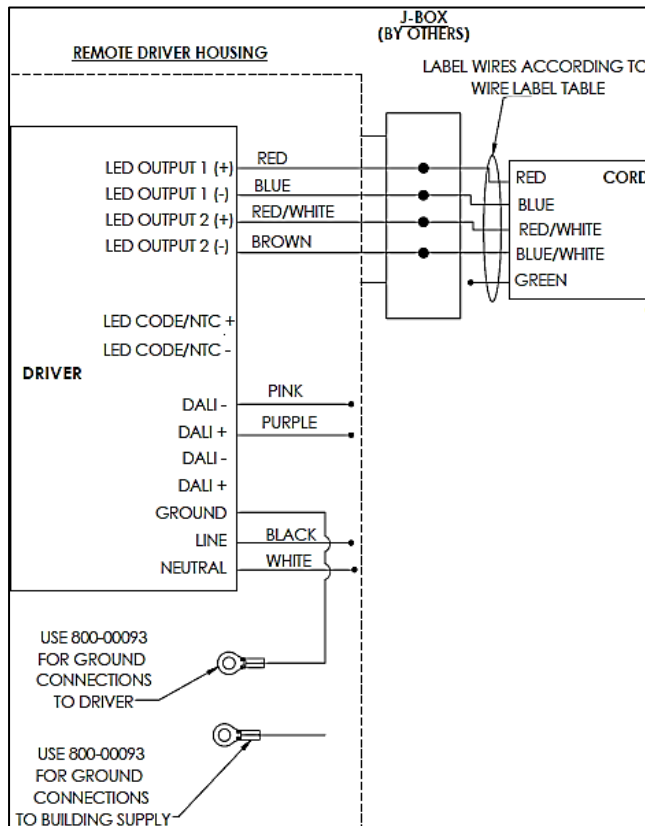


KWXP1FG-TWH1-INSTALLTION-INSTRUCTIONS

6. Connect building supply wires to the driver. Make all wire connections in accordance with the national electrical code and all applicable local and state codes. Refer WIRE DIAGRAM TABLE for corresponding WIRE DIAGRAM connections. Install the lid on the remote driver housing once connections are done.

| WIRE DIAGRAM TABLE | | | | | | | |
|--------------------|----------------|-----------|------------------|------------------|------------|------------------|--------------------------|
| SERIES | HANGING SYSTEM | BODY SIZE | DOWNLIGHT OPTION | BODYLIGHT SOURCE | LED OUTPUT | CONTROL | WIRE DIAGRAM |
| KW4 | P1FG | 21" | NO DOWN LIGHT | TUNEABLE WHITE | LED1 | DALI | WIRE DIAGRAM A ON PAGE 5 |
| | | 33" | | | | | |
| | | 21" | WITH DOWN LIGHT | TUNEABLE WHITE | LED1 | DALI | WIRE DIAGRAM B ON PAGE 6 |
| | | 33" | | | | | |
| | | 21" | NO DOWN LIGHT | TUNEABLE WHITE | LED1 | DUAL 0-10V (DM8) | WIRE DIAGRAM C ON PAGE 7 |
| | | 33" | | | | | |
| | | 21" | WITH DOWN LIGHT | TUNEABLE WHITE | LED1 | DUAL 0-10V (DM8) | WIRE DIAGRAM D ON PAGE 8 |
| | | 33" | | | | | |

WIRE DIAGRAM A (FOR DALI – NO DOWNLIGHT):



FIXTURE CORD WIRES

RED WIRE = LED OUTPUT 1 (+)
BLUE WIRE = LED OUTPUT 1 (-)
RED/WHITE WIRE = LED OUTPUT 2 (+)
BLUE/WHITE WIRE = LED OUTPUT 2 (-)

FIG. 12 – WIRE CONNECTION FROM DRIVER TO FIXTURE CORD

DRIVER WIRES TO BUILDING SUPPLY

BLACK WIRE = LINE VOLTAGE
WHITE WIRE = NEUTRAL
PURPLE WIRE = DALI +
PINK WIRE = DALI -

FIG. 13 – WIRE CONNECTION FROM BUILDING SUPPLY TO DRIVER

SEE GENERAL NOTE 7 ON PAGE 1

FIG. 14 – WIRE DIAGRAM A (FOR DALI – NO DOWNLIGHT)

WIRE DIAGRAM B (FOR DALI – WITH DOWNLIGHT):

DRIVER 1 WIRES TO BUILDING SUPPLY

BLACK WIRE = LINE VOLTAGE
WHITE WIRE = NEUTRAL
PURPLE WIRE = DALI +
PINK WIRE = DALI –

DRIVER 2 (DOWNLIGHT) WIRES TO BUILDING SUPPLY

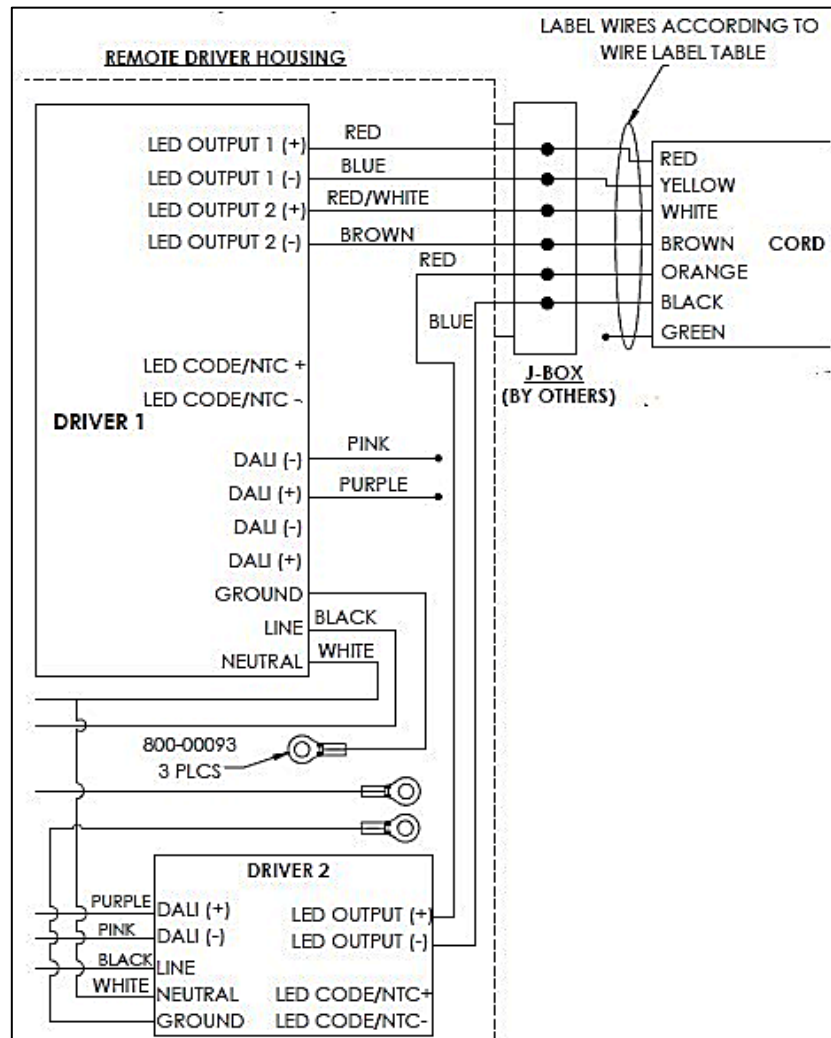
BLACK WIRE = LINE VOLTAGE
WHITE WIRE = NEUTRAL
PURPLE WIRE = DALI +
PINK WIRE = DALI –

FIG. 15 – WIRE CONNECTION FROM
BUILDING SUPPLY TO DRIVER

FIXTURE CORD WIRES

RED WIRE = DRIVER 1 LED OUTPUT 1 (+)
YELLOW WIRE = DRIVER 1 LED OUTPUT 1 (-)
WHITE WIRE = DRIVER 1 LED OUTPUT 2 (+)
BROWN WIRE = DRIVER 1 LED OUTPUT 2 (-)
ORANGE WIRE = DRIVER 2 LED (+) DOWNLIGHT
BLACK WIRE = DRIVER 2 LED (-) DOWNLIGHT

FIG. 16 – WIRE CONNECTION FROM
DRIVER TO FIXTURE CORD



SEE GENERAL NOTE 7 ON PAGE 1

FIG. 17 – WIRE DIAGRAM B (FOR DALI – WITH DOWNLIGHT)

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WIRE DIAGRAM C (FOR DM8 – NO DOWNLIGHT):

DRIVER WIRES TO BUILDING SUPPLY

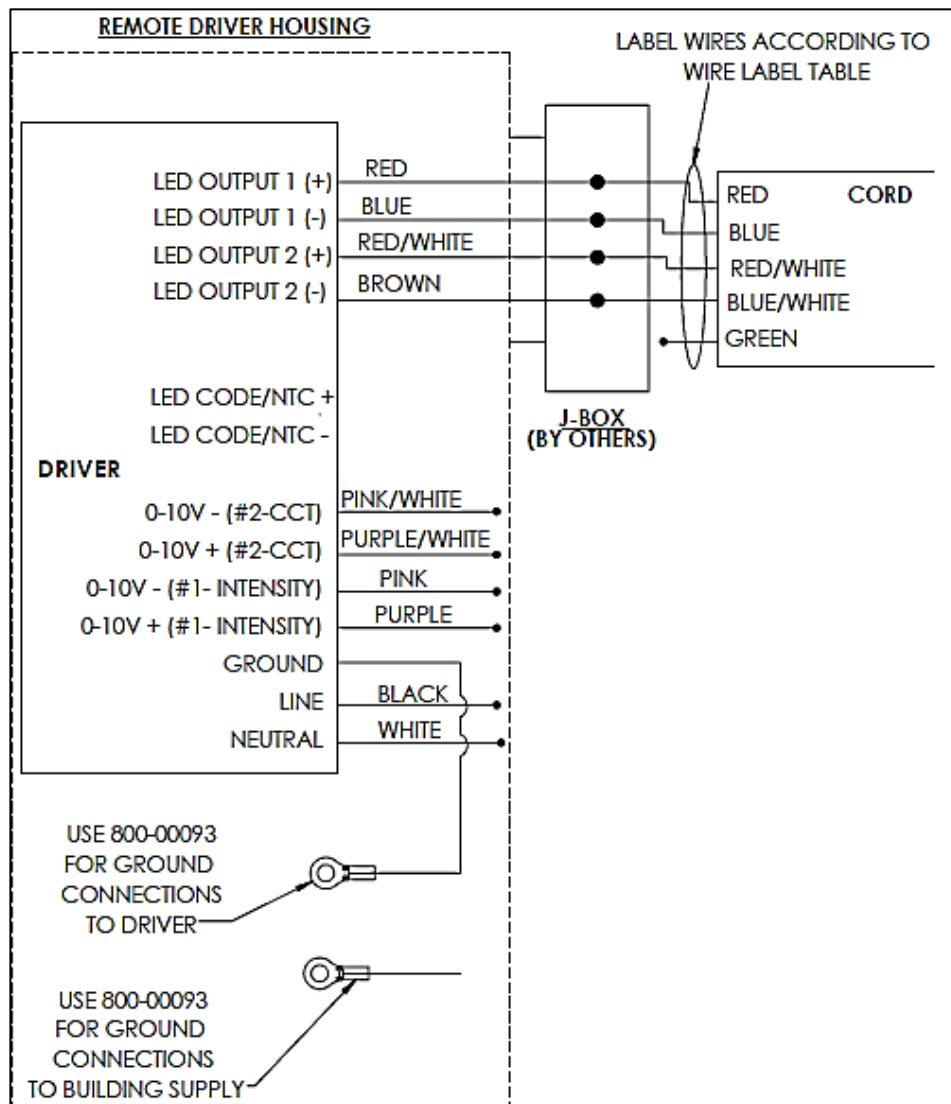
BLACK WIRE = LINE VOLTAGE
WHITE WIRE = NEUTRAL
PURPLE/ WHITE WIRE = 0-10V + (#2CCT)
PINK/ WHITE WIRE = 0-10V - (#2CCT)
PURPLE WIRE = 0-10V + (#1 - INTENSITY)
PINK WIRE = 0-10V - (#1 - INTENSITY)

FIG. 18 – WIRE CONNECTION FROM
BUILDING SUPPLY TO DRIVER

FIXTURE CORD WIRES

RED WIRE = LED OUTPUT 1 (+)
BLUE WIRE = LED OUTPUT1 (-)
RED/WHITE WIRE = LED OUTPUT 2 (+)
BLUE/WHITE WIRE = LED OUTPUT 2 (-)

FIG. 19 – WIRE CONNECTION FROM
DRIVER TO FIXTURE CORD



SEE GENERAL NOTE 7 ON PAGE 1

FIG. 20 – WIRE DIAGRAM C (FOR DM8 – NO DOWNLIGHT)

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WIRE DIAGRAM D (FOR DM8 – WITH DOWNLIGHT):

DRIVER WIRES TO BUILDING SUPPLY

BLACK WIRE = LINE VOLTAGE
WHITE WIRE = NEUTRAL
PURPLE/ WHITE WIRE = 0-10V + (#2CCT)
PINK/ WHITE WIRE = 0-10V - (#2CCT)
PURPLE WIRE = 0-10V + (#1 - INTENSITY)
PINK WIRE = 0-10V - (#1 - INTENSITY)

DRIVER 2 (DOWNLIGHT) WIRES TO BUILDING SUPPLY

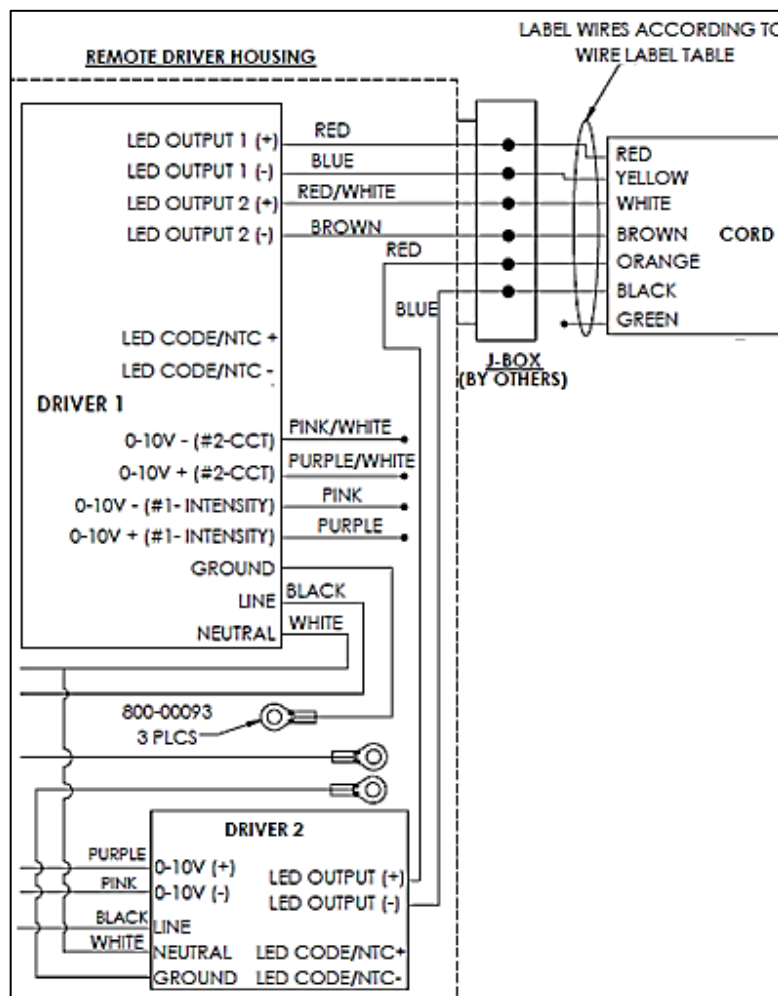
BLACK WIRE = LINE VOLTAGE
WHITE WIRE = NEUTRAL
PURPLE WIRE = 0-10V (+)
PINK WIRE = 0-10V (-)

FIXTURE CORD WIRES

RED WIRE = DRIVER 1 LED OUTPUT 1 (+)
YELLOW WIRE = DRIVER 1 LED OUTPUT 1 (-)
WHITE WIRE = DRIVER 1 LED OUTPUT 2 (+)
BROWN WIRE = DRIVER 1 LED OUTPUT 2 (-)
ORANGE WIRE = DRIVER 2 LED (+) DOWNLIGHT
BLACK WIRE = DRIVER 2 LED (-) DOWNLIGHT

FIG. 22 – WIRE CONNECTION FROM
DRIVER TO FIXTURE CORD

FIG. 21 – WIRE CONNECTION FROM
BUILDING SUPPLY TO DRIVER



SEE GENERAL NOTE 7 ON PAGE 1

FIG. 23 – WIRE DIAGRAM D (FOR DM8 – WITH DOWNLIGHT)

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KWYET MOUNTING:

KWYET MOUNTING [CANOPY]:

1. Dis-assemble the SLIP RING COUPLER (1) into three components SRC-BASE, SRC-HOLDER and SRC-FINIAL as shown in FIG. 24.
2. Assemble the SRC BASE to the SCREW (Available in mounting bracket assembly) as shown below in FIG.25.

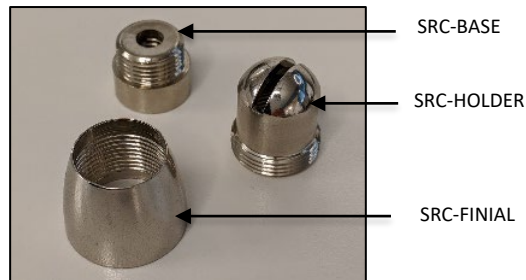


FIG. 24 – SLIP RING COUPLER (1)
CONTENTS

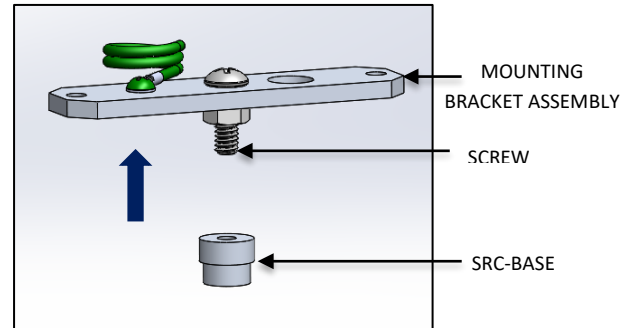


FIG. 25 –SRC-BASE INSTALLATION

3. Assemble the MOUNTING BRACKET ASSEMBLY to the JUNCTION BOX the fixture will mount to (by others) with screws (by others) as shown in FIG. 26 below.
4. Feed the AIRCRAFT CBALE through the SRC-HOLDER and assemble the SRC-HOLDER to SRC-BASE as shown below in FIG. 27.

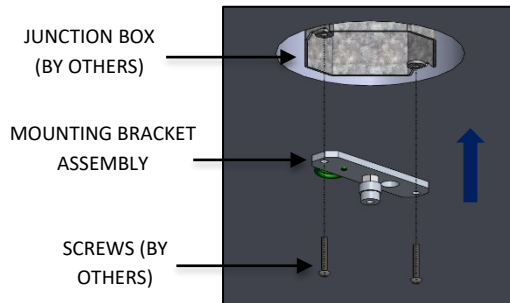


FIG. 26 – MOUNTING BRACKET
ASSEMBLY INSTALLATION

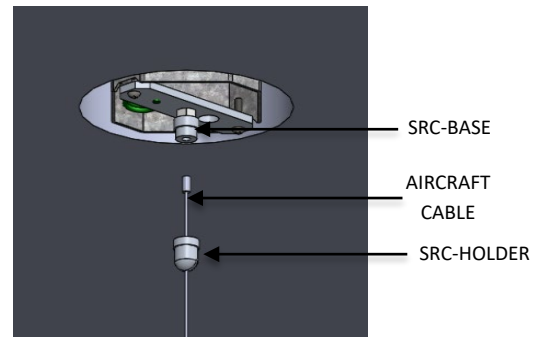


FIG. 27 – AIRCRAFT CABLE
INSTALLATION

5. Pass the remaining Aircraft cable through the canopy and SRC-FINIAL. Loosely secure CANOPY to the ceiling by threading the SRC-FINIAL to the SRC-HOLDER as shown below in FIG. 28.

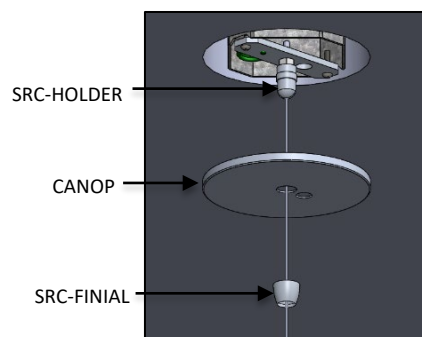


FIG. 28 – CANOPY INSTALLATION

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KWX-P1FG-TWH1-INSTALLTION-INSTRUCTIONS

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. 29.
 - a. 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.

WARNING:


Do not let the FIXTURE BODY hang free until AIRCRAFT CABLE is secured and evenly tensioned.

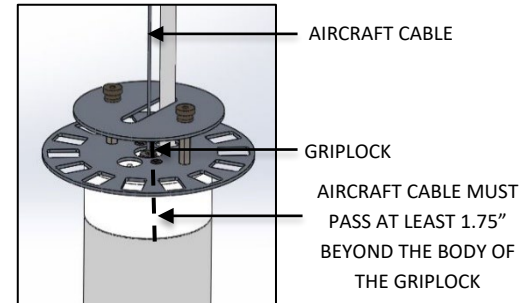


FIG. 29 – FIXTURE INSTALLATION

7. Dis-assemble the CANOPY by loosening the ceiling Coupler, and Insert CORD through CANOPY and MOUNTING BRACKET as shown below in FIG. 30. Mark cord with marker above DRIVER MOUNTING BRACKET as shown below in FIG. 31. Trim off excess CORD leaving minimum of 8.00" past the top of the DRIVER MOUNTING BRACKET all thread.

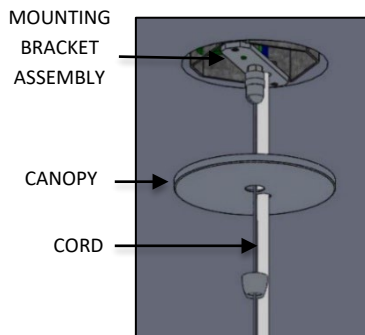


FIG. 30 -CORD INSTALLATION

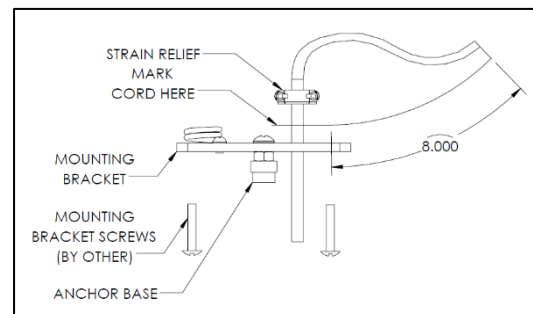


FIG. 31 – CORD MARKING

8. Insert CORD through the STRAIN RELIEF and tighten two screws on the STRAIN RELIEF above MOUNTING BRACKET where marked. If screws are not properly tightened CORD could slip through the STRAIN RELIEF. Tighten screws until there is a gap of .063" - .095" between the STRAIN RELIEF body and compression plate as shown in FIG. 32 below.

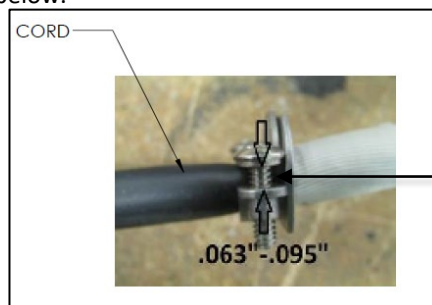


FIG. 32 – STRAIN RELIEF WITH CORD INSERTED

LEAVE A 0.063" - 0.095" GAP BETWEEN STRAIN RELIEF BODY AND COMPRESSION PLATE. OVERTIGHTEN COULD DAMAGE CORD AND UNDER TIGHTEN WON'T SUPPORT THE FIXTURE PROPERLY.

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KWX-P1FG-TWH1-INSTALLTION-INSTRUCTIONS

9. Make all wire connections in the inside the junction box (by others) in accordance with the national electrical code and all applicable local and state codes. See wire diagram on page 5,6, 7 and 8.
10. Raise CANOPY and secure to ceiling by threading the SRC-FINIAL to SRC-HOLDER.as shown below in FIG.33.

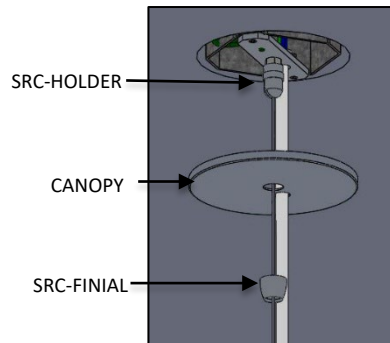


FIG. 33 – FINIAL INSTALLATION

11. Remove 2 KNURLED NUTS and raise the BRACKET COVER as shown below in FIG. 34.
12. Install the FIRST FIN by inserting the tab into the top fin bracket as shown below in FIG. 35. Then press the notch into the bottom fin bracket to keep stable as shown below in FIG. 36.

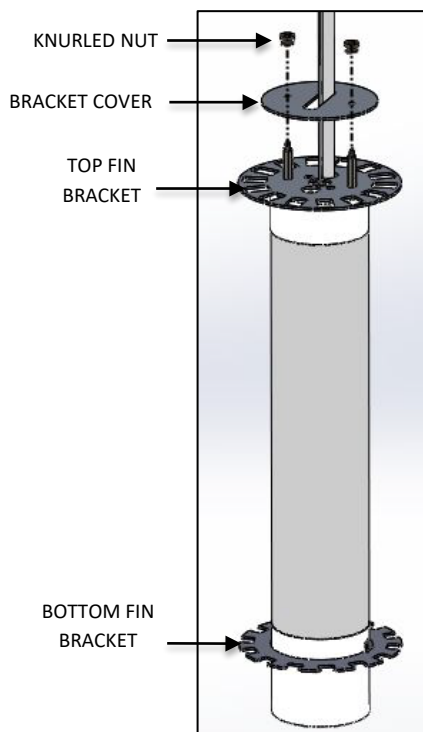


FIG. 34 – BRACKET COVER
DIS-ASSEMBLY

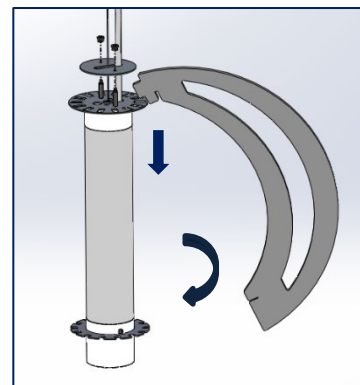


FIG. 29 – FIN INSTALLATION

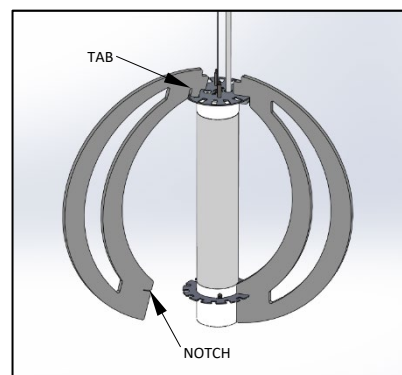


FIG. 30 – FIN INSTALLATION

KW4-P1FG-TWH1-INSTALLTION-INSTRUCTIONS

13. Repeat step 12 for remaining fins, making sure to install fins in an opposite pattern in order to keep the fixture balanced as shown below in FIG. 37.

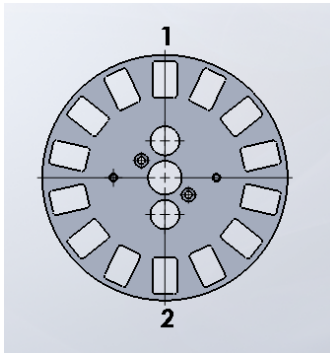


FIG. 37 – FIN INSTALLATION
PATTERN

14. Tighten 2 KNURLED NUT and secure BRACKET COVER (Removed in step 11).
15. Restore power to circuit the KWYET 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.

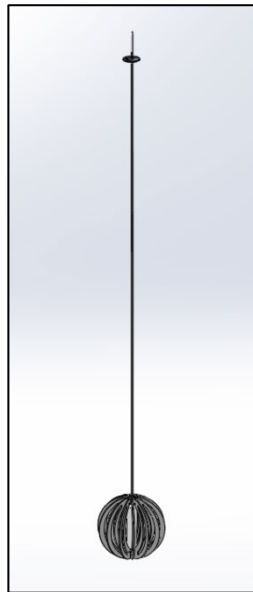


FIG. 32- COMPLETED INSTALLATION OF
KW4-P1FG-XX-MW-XXX-THW1-XX-
LED1_XXK-UNV-XXX-DXXX