

**READ AND FOLLOW ALL SAFETY INSTRUCTIONS!
SAVE THESE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION**

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards please read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Installation and service of luminaires should be performed by a **qualified licensed electrician**.
- Maintenance of the luminaires should be performed by person(s) familiar with the luminaires' construction and operation and any hazards involved. Regular fixture maintenance programs are recommended.
- It will occasionally be necessary to clean the outside of the refractor/lens. Frequency of cleaning will depend on ambient dirt level and minimum light output which is acceptable to user. Refractor/lens should be washed in a solution of warm water and any mild, non-abrasive household detergent, rinsed with clean water and wiped dry. Should optical assembly become dirty on the inside, wipe refractor/lens and clean in above manner, replacing damaged gaskets as necessary.
- **DO NOT INSTALL DAMAGED PRODUCT!** This luminaire has been properly packed so that no parts should have been damaged during transit. Inspect to confirm. Any part damaged or broken during or after assembly should be replaced.
- Recycle: For information on how to recycle LED electronic products, please visit www.epa.gov.
- These instructions do not purport to cover all details or variations in equipment nor to provide every possible contingency to meet in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's or owner's purposes, this matter should be referred to Acuity Brands Lighting, Inc.



**WARNING
RISK OF ELECTRIC SHOCK**

- ✓ Disconnect or turn off power before installation or servicing.
- ✓ Verify that supply voltage is correct by comparing it with the luminaire label information.
- ✓ Make all electrical and grounded connections in accordance with the National Electrical Code (NEC) and any applicable local code requirements.
- ✓ All wiring connections should be capped with UL approved recognized wire connectors.



**WARNING
RISK OF BURN**

- ✓ Allow lamp/fixture to cool before handling. Do not touch enclosure or light source.
- ✓ Do not exceed maximum wattage marked on luminaire label.
- ✓ Follow all manufacturer's warnings, recommendations and restrictions for: driver type, burning position, mounting locations/methods, replacement and recycling.



**CAUTION
RISK OF INJURY**

- ✓ Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- ✓ Avoid direct eye exposure to the light source while it is on.



**CAUTION
RISK OF FIRE**

- ✓ Keep combustible and other materials that can burn, away from lamp/lens.
- ✓ Do not operate in close proximity to persons, combustible materials or substances affected by heat or drying.



CAUTION: RISK OF PRODUCT DAMAGE

- ✓ Never connect components under load.
- ✓ Do not mount or support these fixtures in a manner that can cut the outer jacket or damage wire insulation.
- ✓ Controls for dimming, auto-sensing, or remote control of a luminaire that are not factory-wired to the luminaire must be checked for compatibility with the luminaire prior to installation. LED fixtures must be powered directly off a switched circuit.
- ✓ Unless individual product specifications deem otherwise: Do not restrict fixture ventilation. Allow for some volume of airspace around fixture. Avoid covering LED fixtures with insulation, foam, or other material that will prevent convection or conduction cooling.
- ✓ Unless individual product specifications deem otherwise: Do not exceed fixtures maximum ambient temperature.
- ✓ Only use fixture in its intended location.
- ✓ LED products are Polarity Sensitive. Ensure proper Polarity before installation.
- ✓ Electrostatic Discharge (ESD): ESD can damage LED fixtures. Personal grounding equipment must be worn during all installation or servicing of the unit.
- ✓ Do not touch individual electrical components as this can cause ESD, shorten lamp life, or alter performance.
- ✓ Some components inside the fixture may not be serviceable. In the unlikely event your unit may require service, stop using the unit immediately and contact an ABL representative for assistance.
- ✓ Always read the fixtures complete installation instructions prior to installation for any additional fixture specific warnings.
- ✓ Always ensure that the electrical distribution system is up to NEC (and any applicable local code) requirements.
- ✓ Verify that power distribution system has proper grounding. Lack of proper earth ground can lead to fixture failure and may void warranty.

Failure to follow any of these instructions could void product warranties. For a complete listing of product Terms and Conditions, please visit www.acuitybrands.com.

Our Brands	Indoor/Outdoor Lithonia Lighting Carandini Holophane RELOC Light Concepts	Indoor Lighting Gotham Mark Architectural Lighting Peerless Renaissance Lighting Winona Lighting	Outdoor Lighting American Electric Lighting Antique Street Lamps Hydrel Tersen	Controls DARK TO LIGHT LC&D ROAM Sensor Switch Synergy	Daylighting SunOptics
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Acuity Brands Lighting, Inc. assumes no responsibility for claims arising out of improper or careless installation or handling of its products.

ABL LED General Warnings, Form No. 503.203

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THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED

CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS

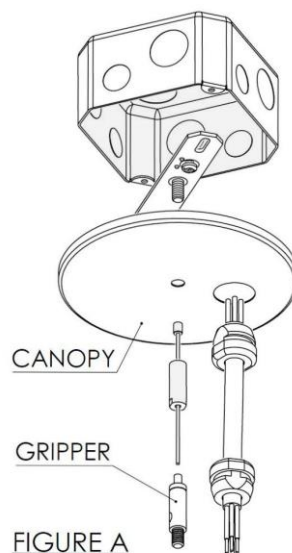
Installation Instructions

****Caution: MAKE SURE LUMINAIRE IS MOUNTED TO A SECURE STRUCTURE. USE APPROPRIATE MOUNTING HARDWARE TO INSTALL FIXTURE RATED FOR YOUR APPLICATION. FAILURE TO MOUNT FIXTURE CORRECTLY COULD RESULT IN SERIOUS INJURY.**

KEEP THESE INSTALLATION INSTRUCTIONS / CONSERVEZ CES INSTRUCTIONS D'INSTALLATION

CENTER POWER DROP BASE UNIT WITHOUT REMOTE DRIVER BOX

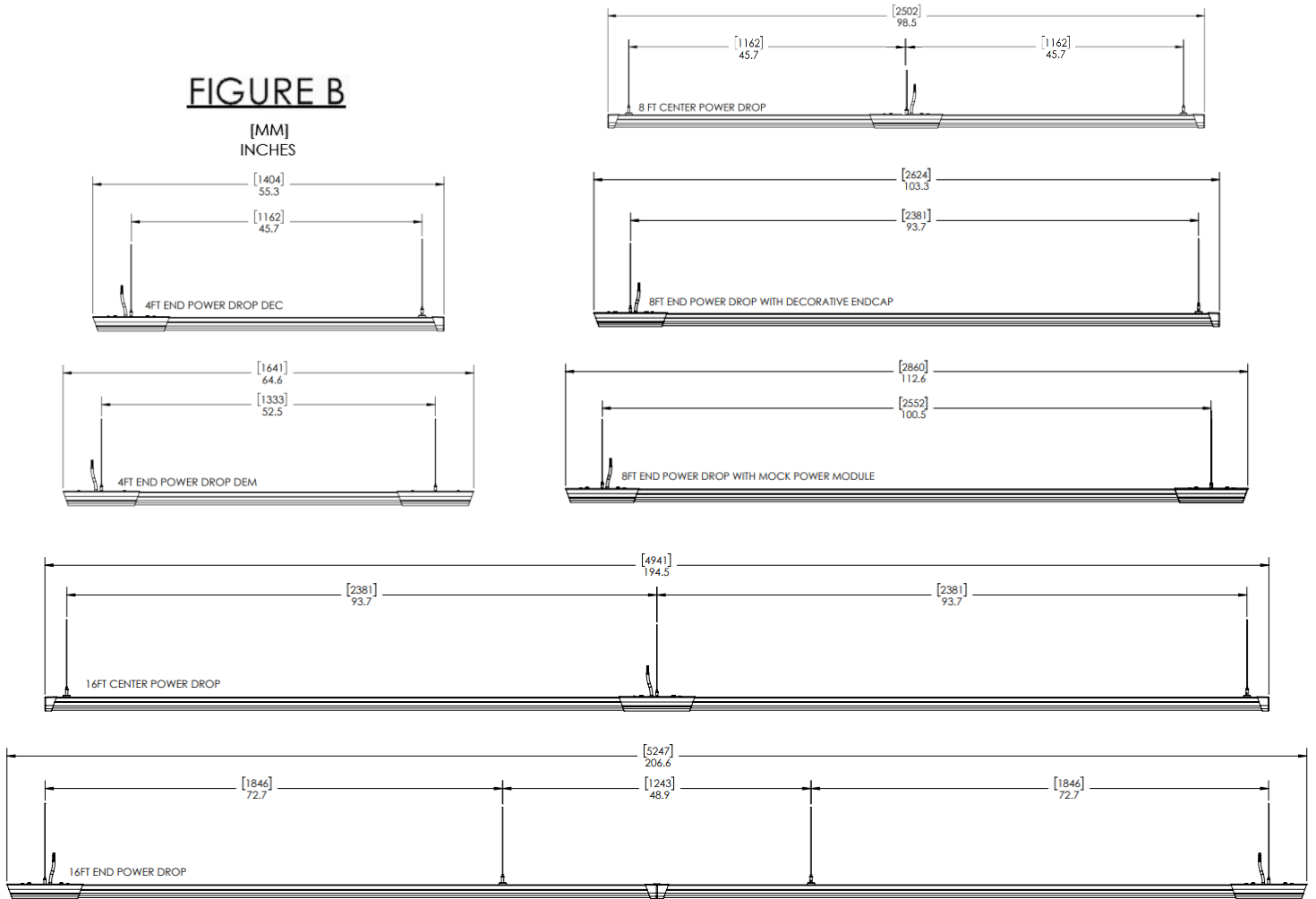
- 1. TURN OFF POWER TO CIRCUIT.**
- 2. Safety glasses and gloves are required.**
- REMOVE PARTS FROM PACKAGING AND CHECK FOR DAMAGE OR MISSING PARTS.
- INSTALL POWER DROP FEED TO JUNCTION BOX.
- MAKE ALL ELECTRICAL CONNECTIONS ACCORDING TO NEC REQUIREMENTS AND LOCAL CODES.
- INSTALL CENTRAL AIRCRAFT CABLE AND CANOPY TO JUNCTION BOX. **(FIGURE A)**



7. INSTALL OUTER AIRCRAFT CABLES TO BUILDING SUPPORTS. (FIGURE B)

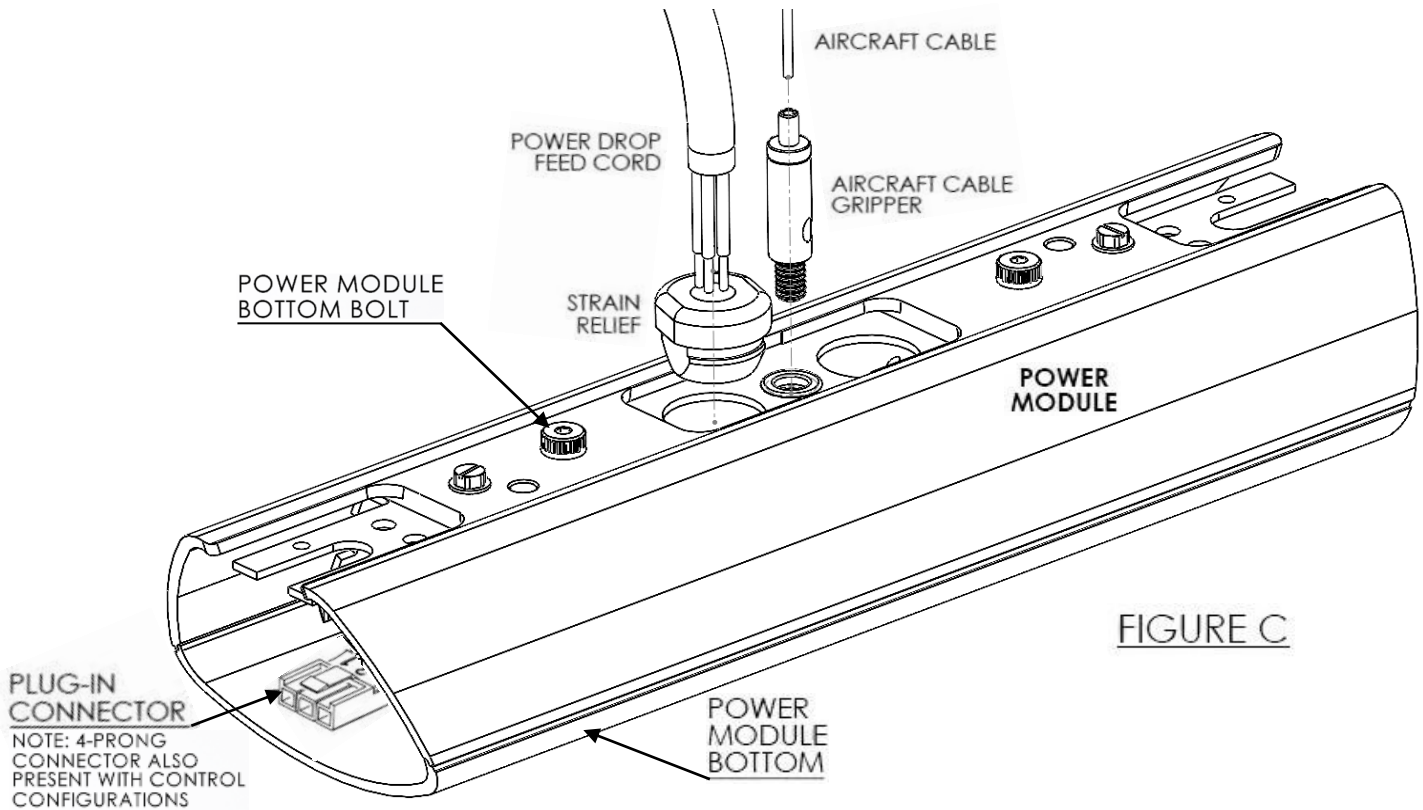
FIGURE B

[MM]
INCHES

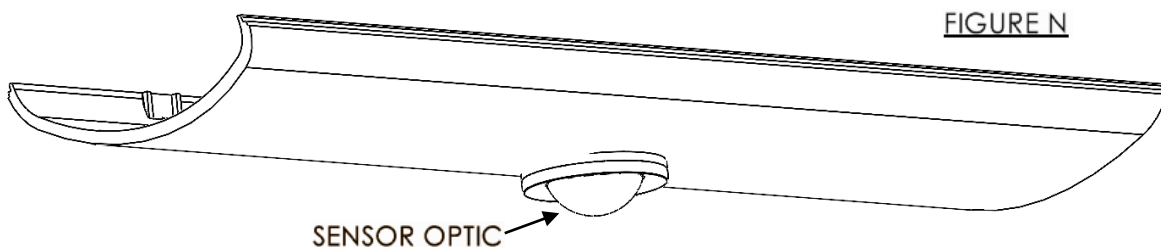


	CENTER POWER DROP	END POWER DROP
4 FOOT	N/A	2 SUPPORT CABLES REQUIRED
8 FOOT	3 SUPPORT CABLES REQUIRED	2 SUPPORT CABLES REQUIRED
16 FOOT	3 SUPPORT CABLES REQUIRED	4 SUPPORT CABLES REQUIRED

8. INSTALL AIRCRAFT CABLE GRIPPER INTO TOP OF POWER MODULE.
9. INSERT CENTRAL AIRCRAFT CABLE INTO GRIPPER TO SUPPORT THE POWER MODULE. **(FIGURE C)**



10. INSTALL POWER DROP FEED INTO POWER MODULE USING A STRAIN RELIEF BUSHING.
11. REMOVE THE BOTTOM OF THE POWER MODULE BY LOOSENING AND REMOVING THE POWER MODULE BOTTOM BOLTS TO ACCESS WIRING.
 - NOTE: CONTROL CONFIGURATIONS INCLUDE FRAGILE SENSOR INSTALLED ON POWER MODULE BOTTOM. HANDLE WITH CARE TO PROTECT SENSOR OPTIC. **(FIGURE N)**



12. CONNECT POWER FEED GROUND WIRE TO POWER MODULE GROUND WIRE
13. CONNECT DRIVER(S) TO POWER FEED INSIDE OF POWER MODULE.

14. SECURELY INSTALL GRIPPERS INTO T-NUTS USING PROVIDED HEX-KEP NUTS. **(FIGURE D)**

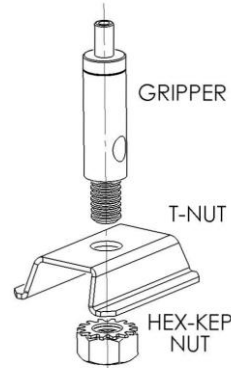


FIGURE D

15. SLIDE T-NUT INTO TOP CHANNEL OF LED LIGHT MODULE. ONE REQUIRED FOR EACH LIGHT MODULE. **(FIGURE E)**

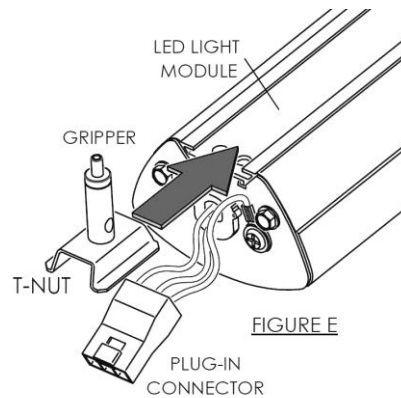


FIGURE E

16. INSERT CABLE INTO GRIPPER T-NUT ASSEMBLY TO SUPPORT ONE END OF ONE LED LIGHT MODULE.

17. CONNECT THE LED LIGHT MODULES TO THE POWER MODULE WITH THE 3-PRONG PLUG-IN CONNECTORS

18. CONNECT THE 4-PRONG PLUG-IN CONNECTORS FOR CONTROLS CONFIGURATIONS (IF APPLICABLE)

NOTE: SPACE WITHIN THE POWER MODULE CAN BE LIMITED BY CONTROL WIRING, INTERNAL DRIVERS, OR POWER DROP WIRE. IN INSTANCES OF TIGHT WIRE PACKING, ENSURE PROPER CLEARANCE FOR THE POWER MODULE BOTTOM BOLTS TO BE REINSERTED TO ELIMINATE RISK OF PINCHING WIRES. **(FIGURE M)**

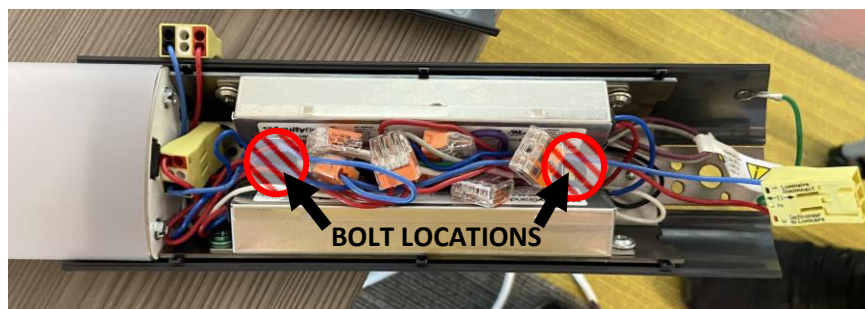
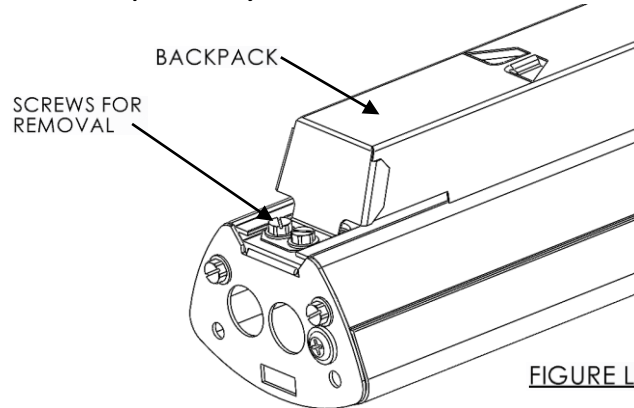


FIGURE M: PROVIDE CLEARANCE IN THE BOLT LOCATIONS

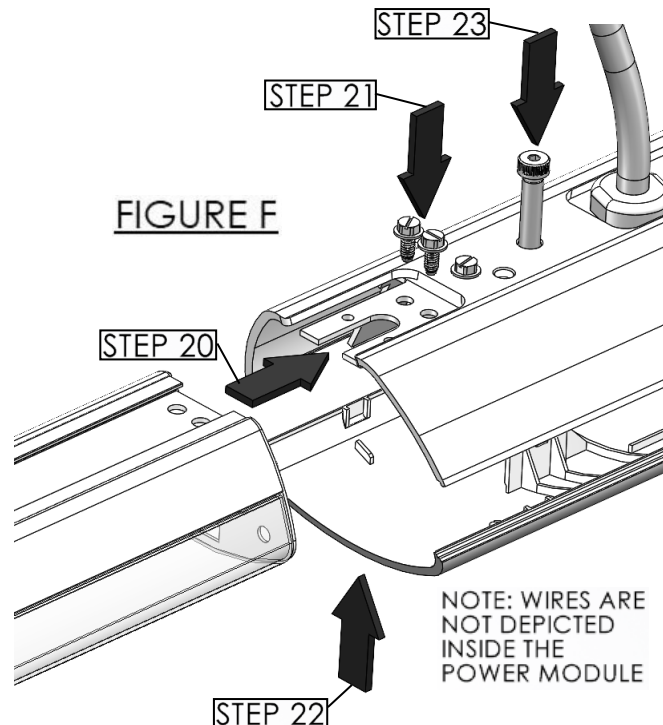
19. FOR BACKPACK CONFIGURATIONS ONLY (EZTB, EZCB)

- REMOVE THE TWO 8-32 HEX WASHER HEAD SCREWS THAT ATTACH THE BACKPACK TO THE END OF THE LIGHT MODULE. **(FIGURE L)**



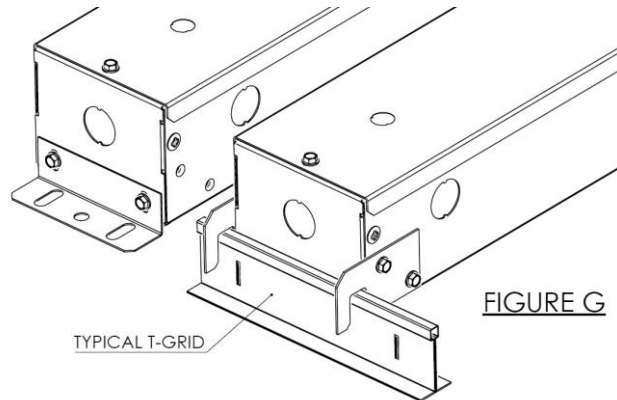
20. INSERT THE END OF THE LED LIGHT MODULES INTO THE END OF THE POWER MODULE. **(FIGURE F)**

21. INSTALL TWO 8-32 HEX WASHER HEAD SCREWS TO ALIGN AND SECURE EACH LED LIGHT MODULE TO THE POWER MODULE. (TORQUE: 17 +/- 3 in-lb)
22. REPLACE THE BOTTOM OF THE POWER MODULE USING THE 6 LOCATOR PINS ALONG THE OUTER EDGES OF THE POWER MODULE. ENSURE THAT THE WIRES INSIDE THE POWER MODULE ARE NOT PINCHED
23. REINSTALL AND TIGHTEN THE POWER MODULE BOTTOM BOLTS TO SECURE THE BOTTOM OF THE POWER MODULE. (TORQUE: 14 +/- 1 in-lb)



24. ADJUST THE AIRCRAFT CABLES AS NEEDED TO LEVEL THE FIXTURE.
25. ENERGIZE THE UNIT AND CHECK ITS OPERATION.

CENTER POWER DROP UNITS WITH REMOTE DRIVER BOX (UNITS WITH VERTEX SENSOR, ELDOLED DRIVERS, AND/OR 347V TRANSFORMERS OR EMERGENCY BATTERY OPTIONS WILL INCLUDE REMOTE DRIVER BOXES TO ACCOMMODATE THESE OPTIONAL CONFIGURATIONS)



1. **TURN OFF POWER TO CIRCUIT.**
2. **Safety glasses and gloves are required.**
3. REMOVE PARTS FROM PACKAGING AND CHECK FOR DAMAGE OR MISSING PARTS.
4. SECURELY INSTALL REMOTE BOX(ES) TO BUILDING STRUCTURE OR CEILING GRID. **(FIGURE G)**
5. MAKE ELECTRICAL CONNECTIONS FROM BRANCH CIRCUIT TO DRIVER(S) INSIDE REMOTE BOXES.
6. MAKE ALL ELECTRICAL CONNECTIONS ACCORDING TO NEC REQUIREMENTS AND LOCAL CODES.
7. CONTINUE INSTALLATION FOLLOWING STEPS 6 THROUGH 22 ABOVE.

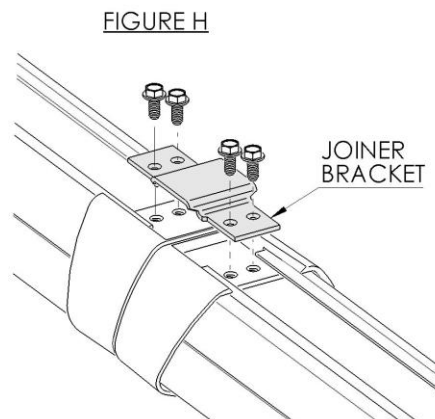
CONTINUOUS ROW INSTALLATION

EACH INDIVIDUAL FIXTURE REQUIRES ONE OR TWO POWER DROPS. THERE IS NO PROVISION FOR THROUGH WIRING WITH THIS PRODUCT.

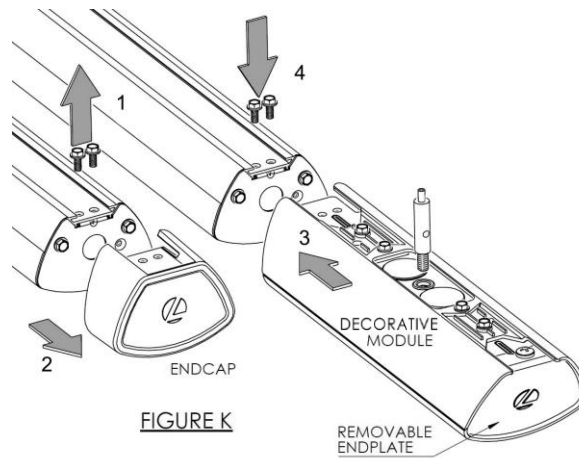
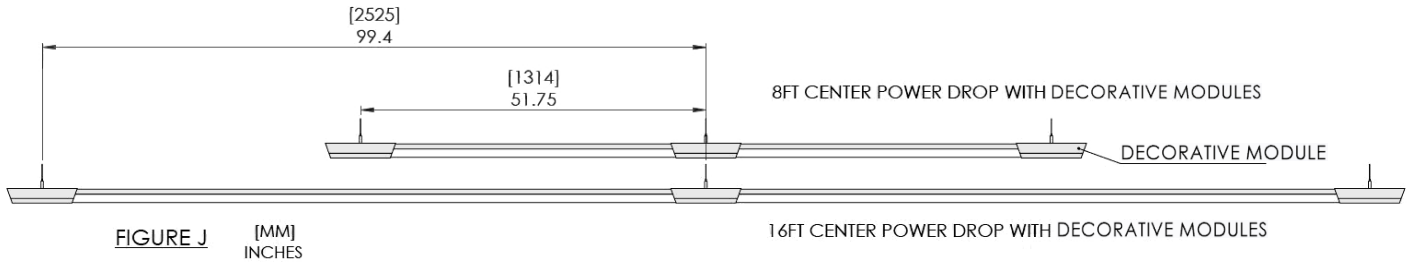
CENTER POWER DROP FIXTURES MAY BE INSTALLED IN A CONTINUOUS ROW. END POWER DROP FIXTURES ARE NOT INTENDED FOR CONTINUOUS ROW INSTALLATION.

THERE ARE TWO METHODS FOR ACHIEVING A **CONTINUOUS ROW** INSTALLATION:

METHOD 1 – JOIN CENTER POWER DROP UNITS TOGETHER AT THE END, USING THE PROVIDED JOINER BRACKET. REMOVE THE 4 ENDCAP SCREWS AND BUTT THE FIXTURES TOGETHER. BRIDGE THE JOINT WITH THE JOINER BRACKET AND REINSTALL THE FOUR SCREWS. OBTAIN ALIGNMENT AND TIGHTEN SCREWS TO SECURE THE JOINT. **(REFER TO FIGURE H).**



METHOD 2 – (OPTIONAL) - THIS METHOD REQUIRES **ORDERING ADDITIONAL DECORATIVE MODULES (AKA: MOCK JOINER) AND CHANGES THE SPACING LOCATION OF THE SUPPORT CABLES. (FIGURE J)**. REMOVE THE DECORATIVE ENDCAP (AKA: DEC) FROM EACH UNIT TO BE JOINED AND SUBSTITUTE ONE DECORATIVE MODULE (AKA: DEM) IN PLACE OF THE TWO ENDCAPS AT EACH JOINT. USE THE ENDCAP SCREWS TO REASSEMBLE THE JOINER MODULE TO THE FIXTURES TO SECURE EACH JOINT. **(FIGURE K)**.



(OPTIONAL) EMERGENCY BATTERY INSTALLATION DETAILS

WHEN ORDERED, EMERGENCY BATTERY OPERATION IS PROVIDED BY A REMOTE MOUNTED IOTA BATTERY PACK. LOCATION AND INSTALLATION OF THE TEST SWITCH WILL BE AT THE DISCRETION OF THE INSTALLING ELECTRICAL CONTRACTOR. TEST SWITCH WIRING WILL NEED TO BE ROUTED BACK TO THE REMOTE BOX DURING INSTALLATION. REFER TO THE ENCLOSED EMERGENCY BATTERY OPERATION INSTRUCTIONS FOR ADDITIONAL DETAILS.

SAVE THESE INSTRUCTIONS