

GENERAL NOTES: (READ SHEETS COMPLETELY BEFORE STARTING)

1. LEAVE PROTECTIVE WRAPPING MATERIAL ON FIXTURE(S) UNTIL START OF INSTALLATION TO PROTECT FINISH FROM DAMAGE.
2. REFER TO SUPPLEMENTAL WIRING INSTRUCTION SHEET 510401 WHEN MAKING WIRING CONNECTIONS.
3. APPROXIMATE WEIGHT OF FIXTURE IS 3.50 LBS PER FOOT OF LENGTH.
4. FEED CORDS ARE FACTORY INSTALLED ON INDIVIDUAL FIXTURES. FOR ROW MOUNTED FIXTURES, FEED CORD IS FACTORY INSTALLED AT END OF ROW LEFT (EORL) FIXTURE ONLY. IF ADDITIONAL FEED CORDS ARE REQUIRED FOR THE ROW, THEY WILL BE SUPPLIED BY LITECONTROL, BUT FIELD INSTALLED BY CONTRACTOR. TYPICALLY FOUND IN EORL PACKAGING.

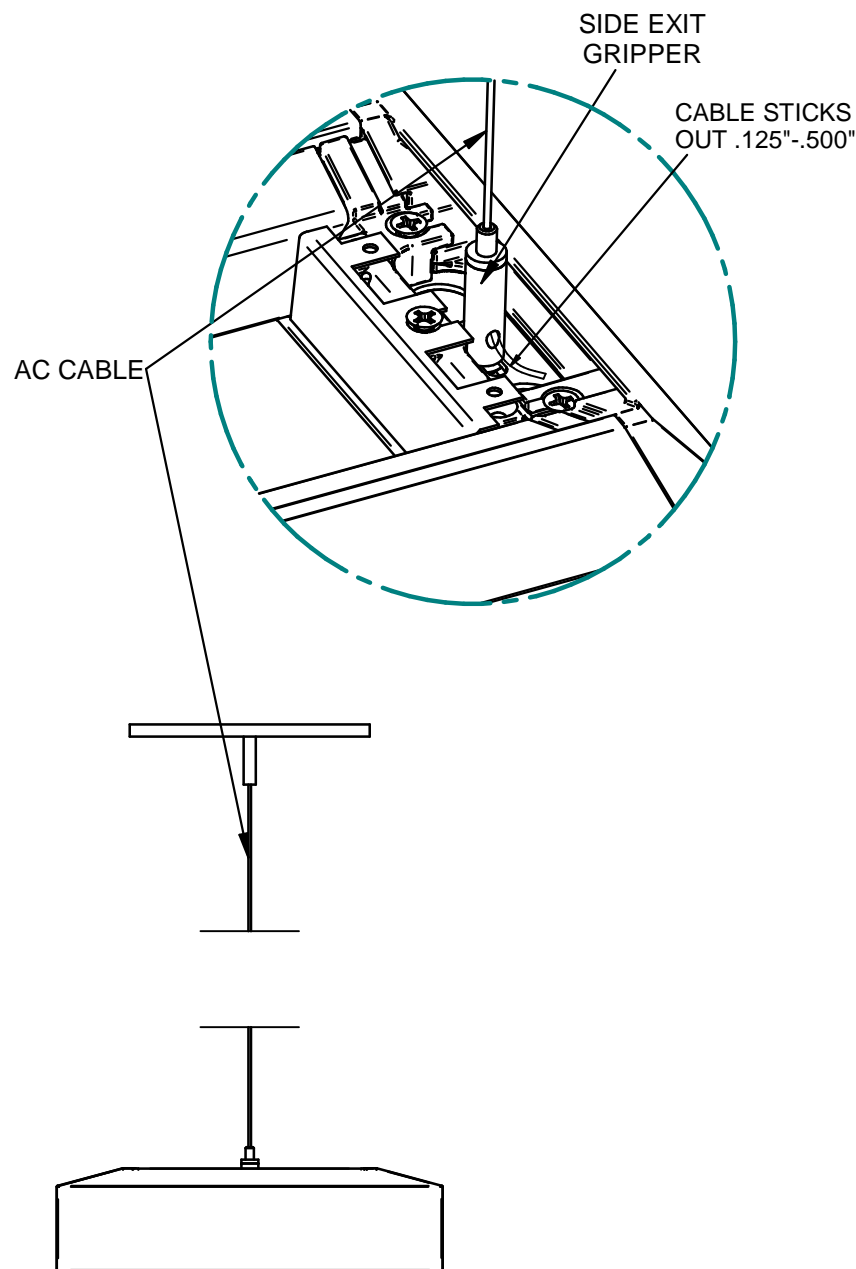
**TOOLS REQUIRED**

- PHILLIPS SCREWDRIVER/DRILL
- NEEDLE NOSE PLIERS
- BUBBLE LEVEL

**SUPPLIED BY INSTALLER**

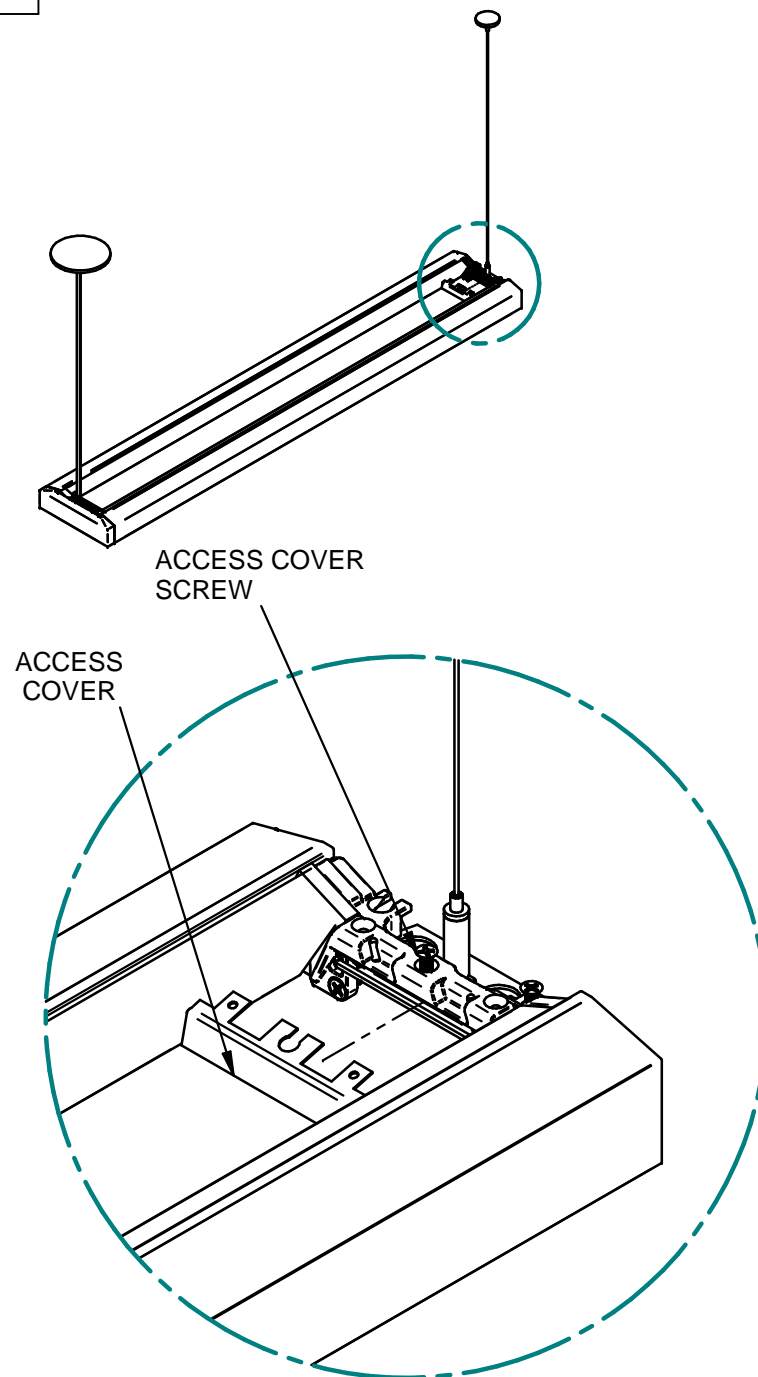
- \*FOR ROWS ONLY*
- INT COVER
- (4X) ROW JOIN SCREWS

1



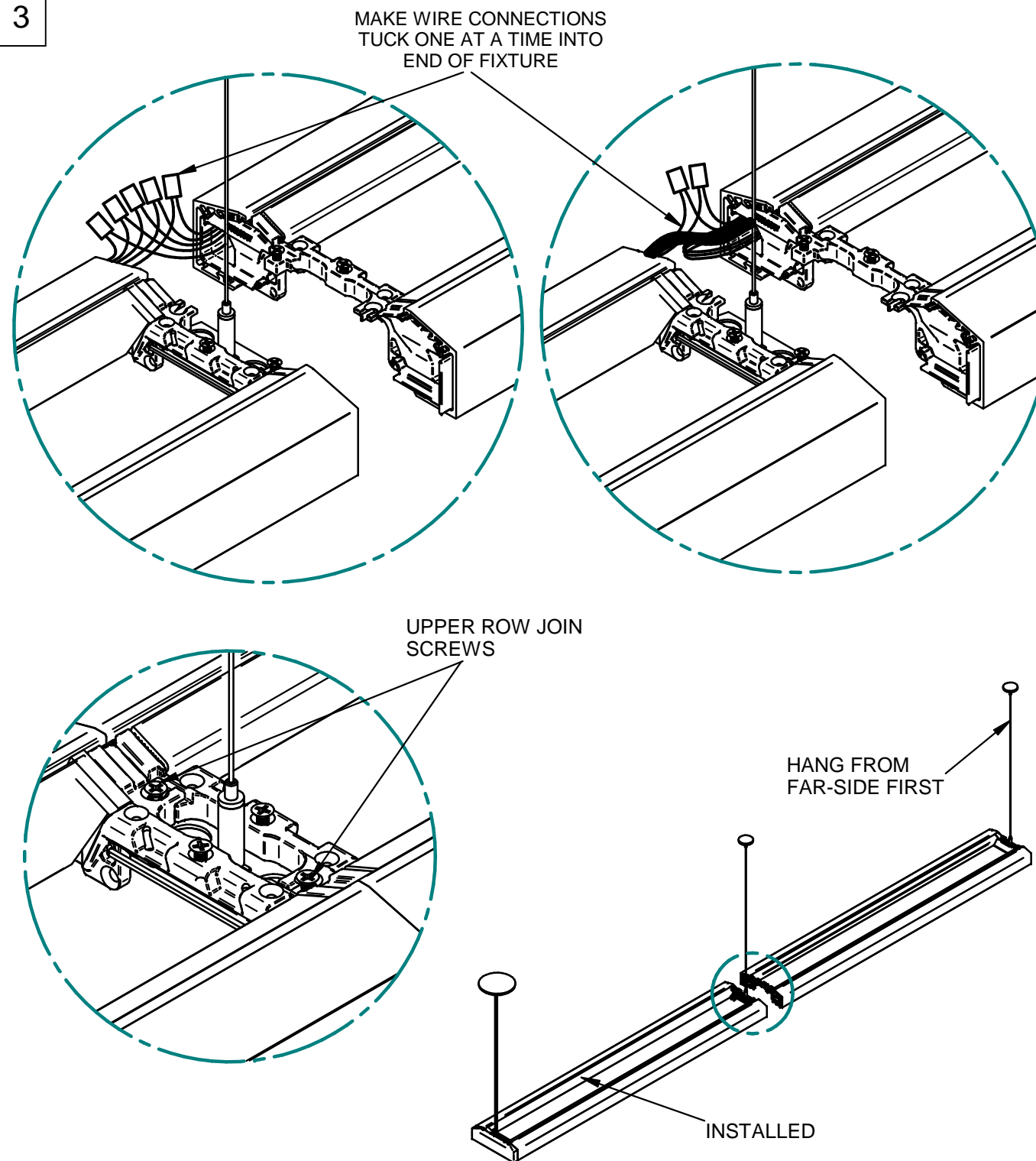
TRIM AIRCRAFT CABLE TO DESIRED LENGTH/HEIGHT FOR FIXTURE MOUNTING. LIFT FIXTURE UP TO THE AIR CRAFT CABLES AND PASS THE CABLES THROUGH THE GRIPPERS. USE NEEDLE NOSE PLIERS TO HELP ROUTE EXCESS AIRCRAFT CABLE THROUGH THE GRIPPER IF NEEDED. LEVEL FIXTURE BY ADJUSTING GRIPPER SIDE TO SIDE AND THE HEIGHT AT EACH END. REFER TO CABLE INSTRUCTION SHEET 510541. FOR ROW MOUNTED FIXTURES, PERFORM THIS STEP AND PROCEED TO STEP 2.

2



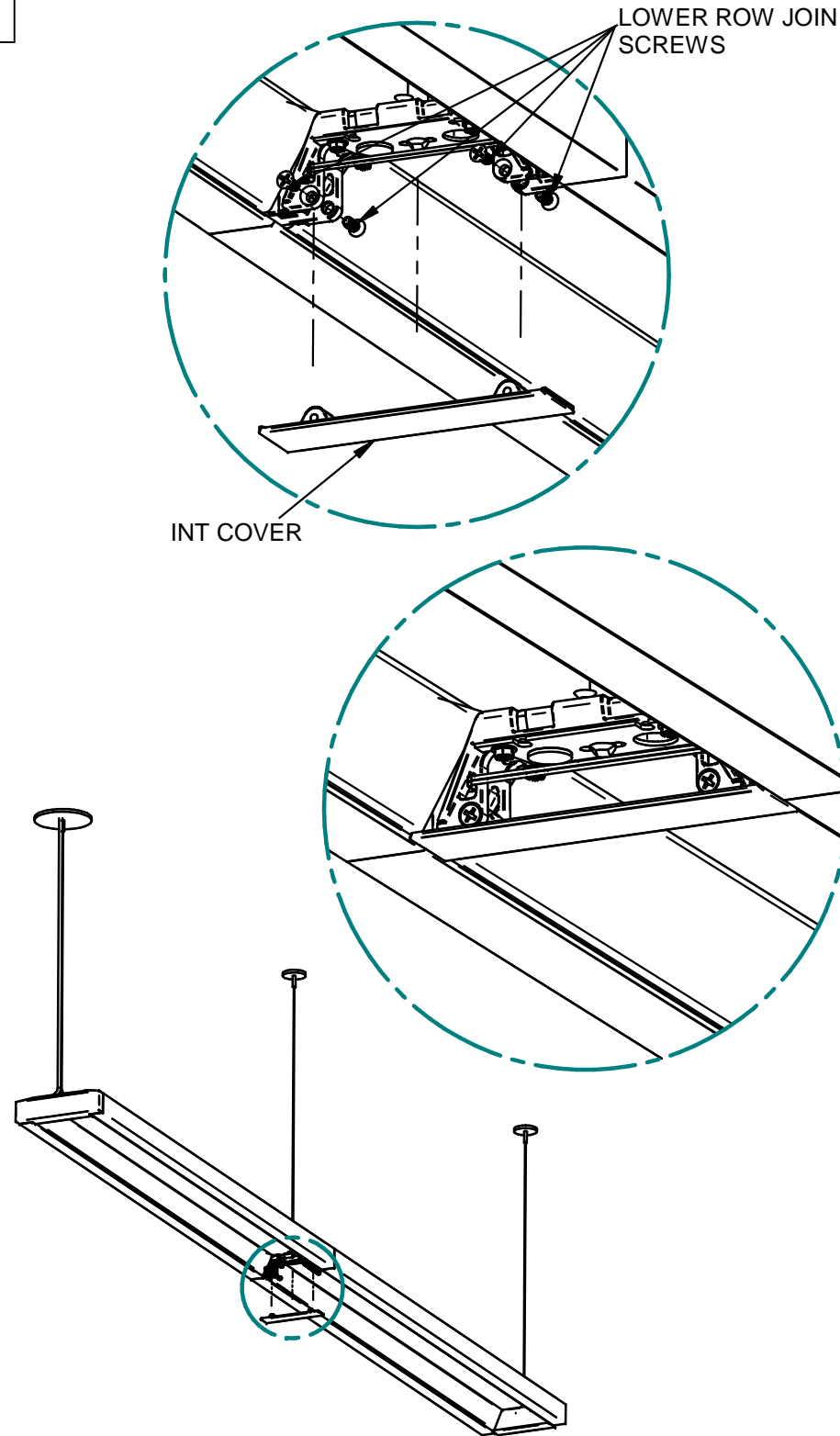
REMOVE ACCESS COVER TO REVIEW FIXTURE AND MANUFACTURER INFORMATION. TO REMOVE, LOOSEN SCREW, AND PIVOT THE ACCESS COVER DOWN, THEN OUTWARDS, AND SET ASIDE. ENSURE THE ACCESS COVER IS KEPT WITH THE CORRESPONDING FIXTURE AFTER INSTALLTION. DO NOT FULLY REMOVE SCREW. REPEAT FOR EACH FIXTURE TO BE JOINED IN A ROW. FOR REPLACEMENT ACCESS COVERS, REMOVE LABELS FROM ORIGINAL COVER AND INSTALL ON NEW COVER.

3



WITH FIXTURE TO LEFT INSTALLED, BRING NEXT FIXTURE UP AND ATTACH AIRCRAFT CABLE (SEE STEP 1). ENSURE FIXTURES ARE LEVEL WITH EACH OTHER TO AVOID CROOKED ALIGNMENT. MAKE WIRE CONNECTIONS AND TUCK CONNECTORS INTO FIXTURE. ALIGN FIXTURES AND BRING TOGETHER. ONCE TOGETHER, TIGHTEN UPPER ROW MOUNT SCREWS FULLY. ENSURE NO WIRES ARE PINCHED OR DAMAGED. IF FIXTURES HAVE WIRES THAT COME OUT OPPOSITE SIDES, MAKE CONNECTIONS IN CENTER OF ROW JOINT. SEE ALTERNATE WIRING SECTION FOR DETAILS.

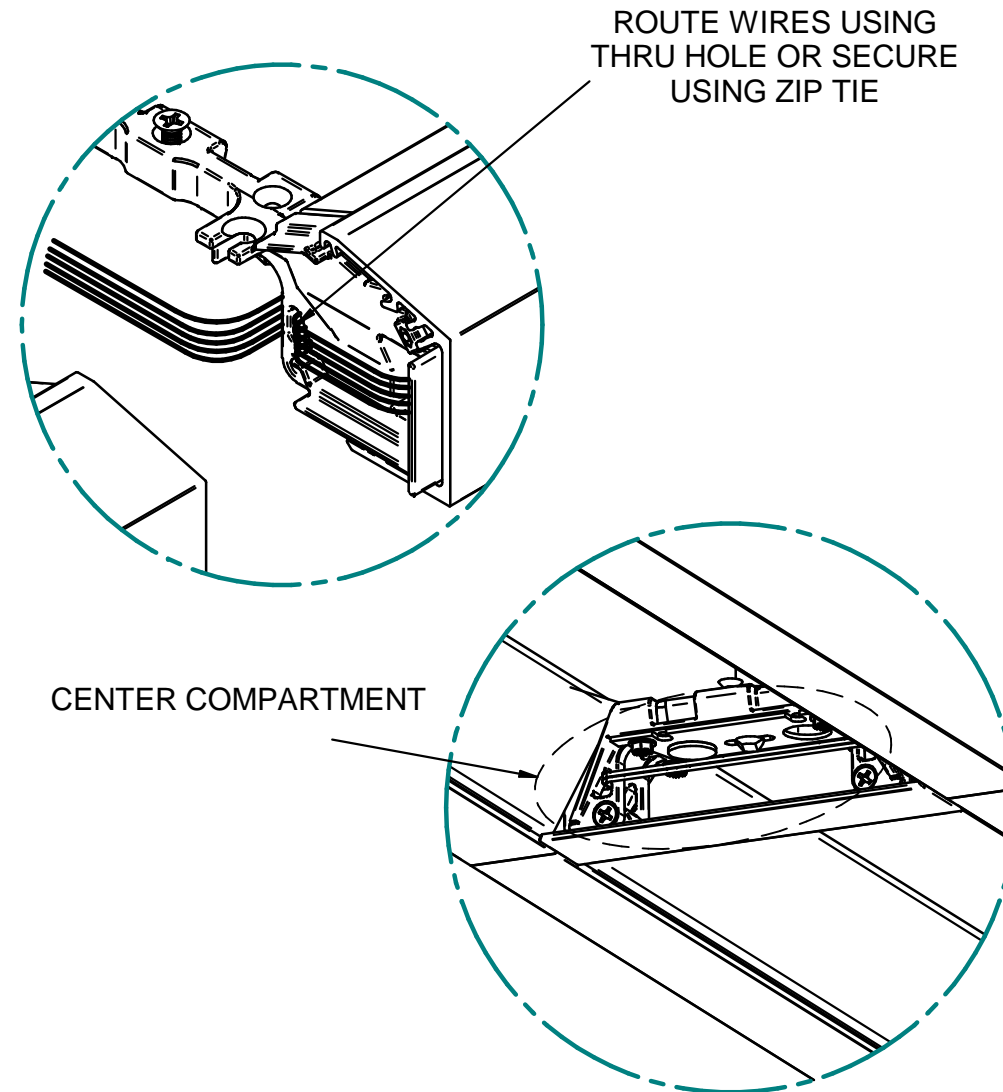
4



TAKE INT COVER AND ALIGN WITH MIDPOINT OF JOINT. BRING UPWARDS UNTIL BOTTOM IS FLUSH WITH BOTTOM OF BOTH FIXTURES. PRESS UPWARDS ON INT COVER, THEN INSERT, BUT DO NOT FULLY TIGHTEN, ALL BOTTOM ROW JOINING SCREWS. WITH ALL SCREWS STARTED, FULLY TIGHTEN TO FINISH INT COVER INSTALL.

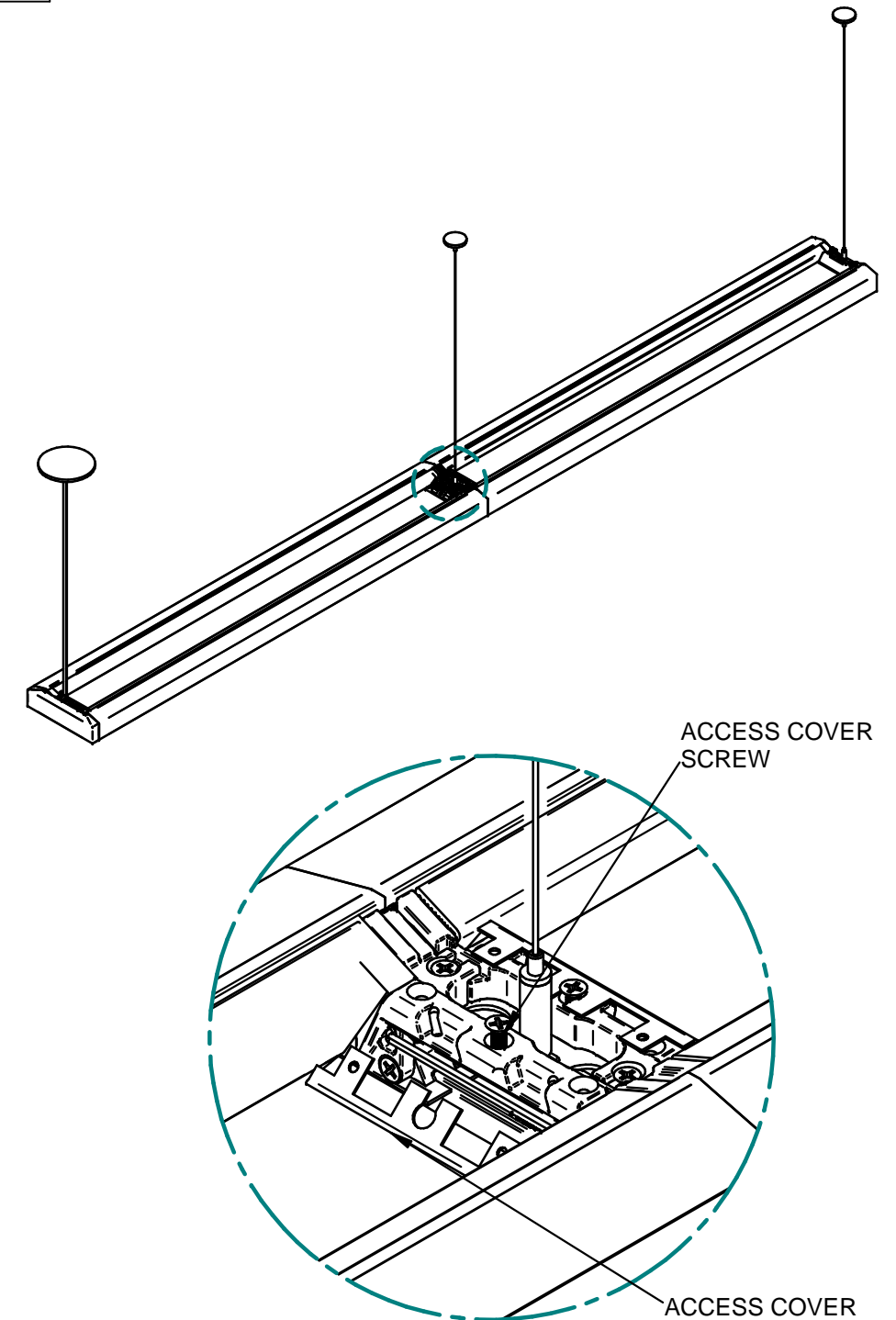
5

## ALTERNATE WIRE CONNECTIONS FOR ROW JOINING



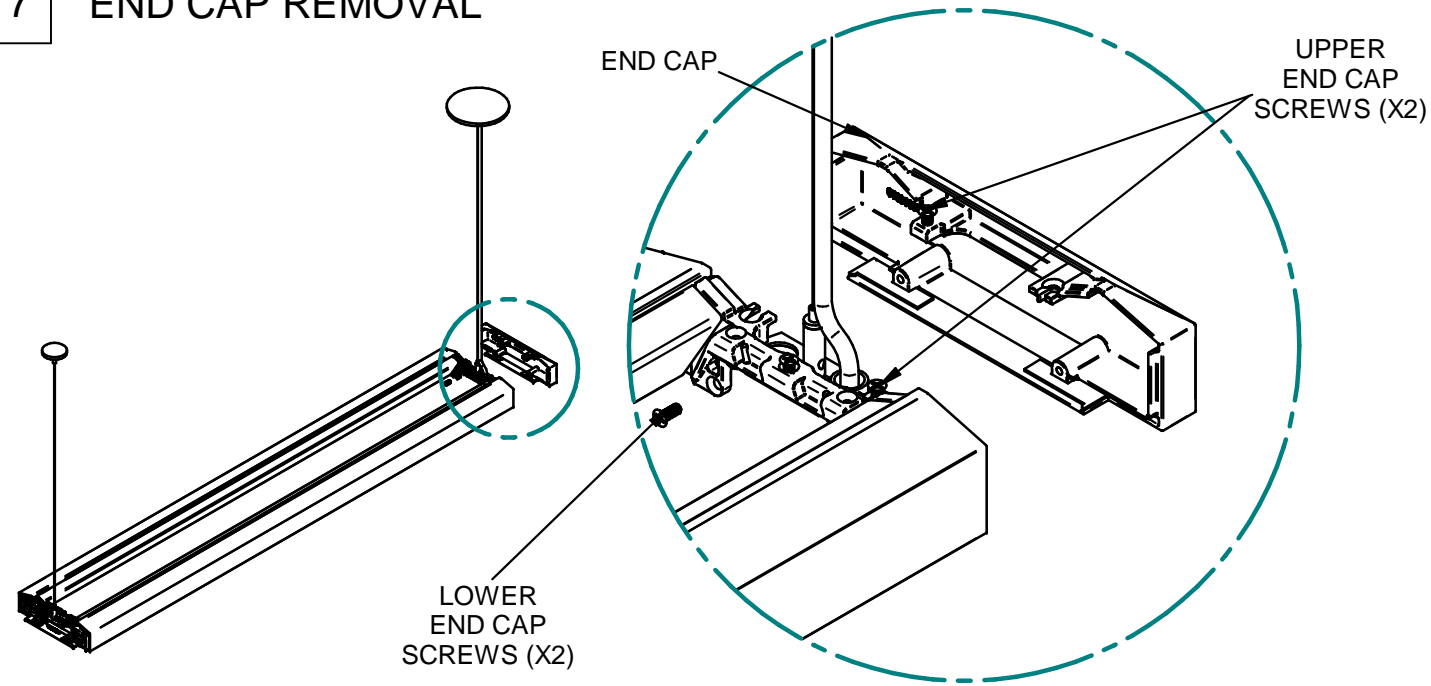
FOR FIXTURES THAT NEED TO BE FLIPPED, OR PATTERNED ROW JOINS, WIRE CONNECTIONS SHOULD BE MADE IN THE CENTER COMPARTMENT. BEFORE HANGING ROUTE WIRES INTO CENTER, AS SHOWN ABOVE, AND FASTEN UPPER ROW JOIN SCREWS, SHOWN IN STEP 3. THEN FOLLOW STEP 4 TO FASTEN INT COVER. FINALLY MAKE WIRE CONNECTIONS AND TUCK INTO CENTER COMPARTMENT. ENSURE NO WIRES ARE PINCHED AND FOLLOW LABELS ON WIRES FOR CONNECTIONS.

6



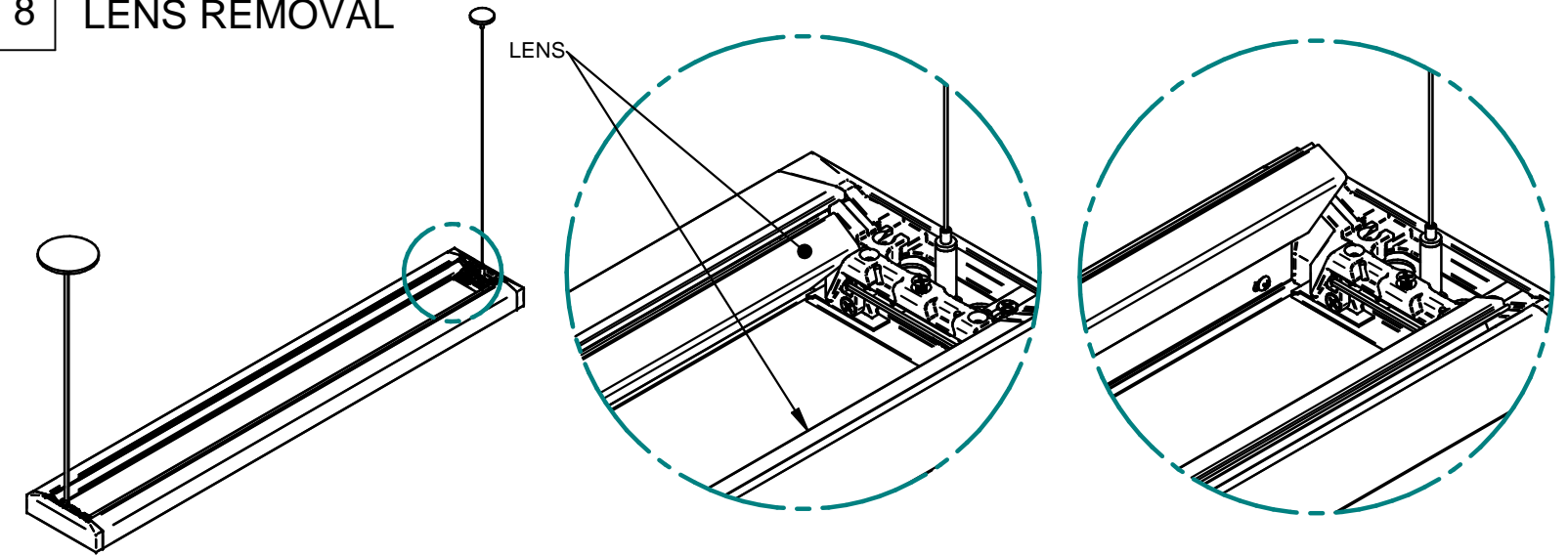
WITH FIXTURES JOINED, RE-INSTALL ACCESS COVERS. START WITH BOTTOM EDGE OF ACCESS COVER AND INSERT IT ABOVE INT COVER/END CAP LIP. THEN SWING THE PLATE UPWARDS UNTIL FLUSH. FINALLY, TIGHTEN ACCESS COVER SCREW TO SECURE FULLY.

## 7 END CAP REMOVAL



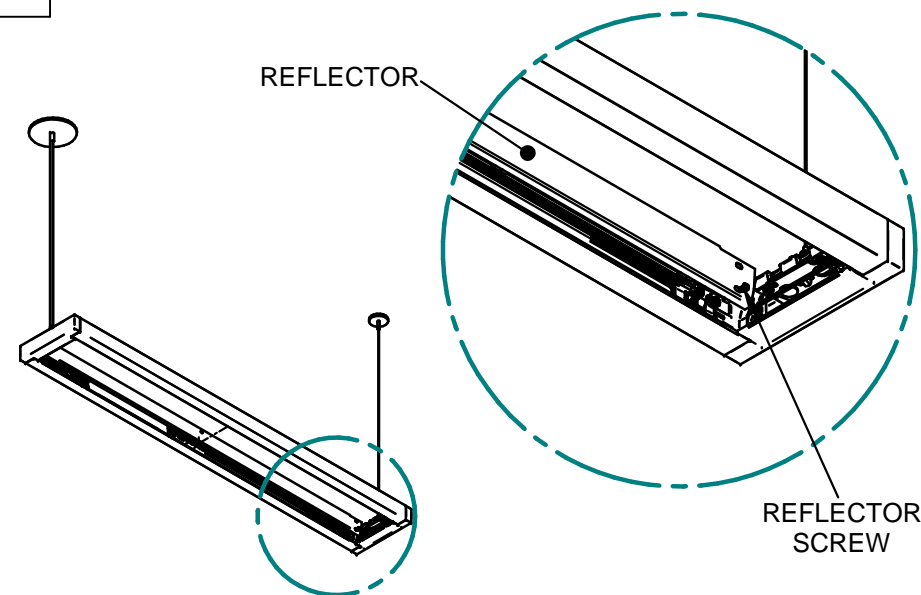
SEE STEPS 1-2 FOR REMOVING THE ACCESS COVERS. LOOSEN UPPER SCREWS (DO NOT REMOVE ALL THE WAY). THEN REMOVE BOTTOM SCREWS FULLY. PULL END CAP OFF IN LENGTH-WISE DIRECTION. FOR INT COVER PLATE REMOVAL, ONLY REMOVE BOTTOM SCREWS. TO REINSTALL, REPEAT STEPS IN REVERSE ORDER. ENSURE NO WIRES OR CABLE ARE DAMAGED DURING INSTALL.

## 8 LENS REMOVAL



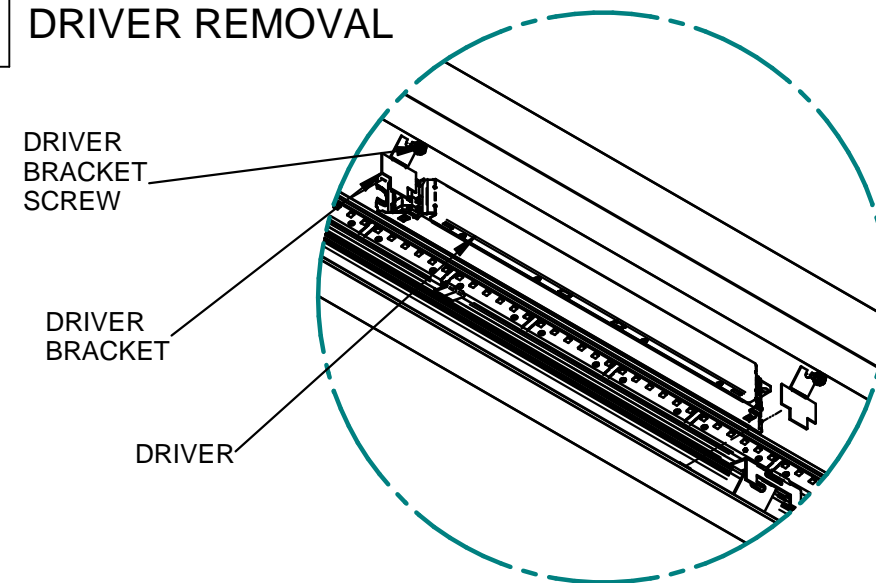
SEE STEPS 1-2 FOR REMOVING THE ACCESS COVERS, COVERS MUST BE REMOVED PRIOR TO LENS REMOVAL. FOR EACH LENS, PRESS ON THE TOP AND INWARDS TOWARDS THE FIXTURE CENTER ALONG ENTIRE LENGTH. ONCE THE TOP PORTION IS PRESSED OUT, LENS CAN BE REMOVED VERTICALLY. TO REINSTALL, INSERT LENS BACK INTO FIXTURE, BOTTOM FIRST, THEN PRESS THE TOP OF THE LENS INTO THE HOUSING ALONG ENTIRE LENGTH. ENSURE THE LENS IS FULLY SNAPPED IN ON TOP AND BOTTOM.

## 9 REFLECTOR REMOVAL



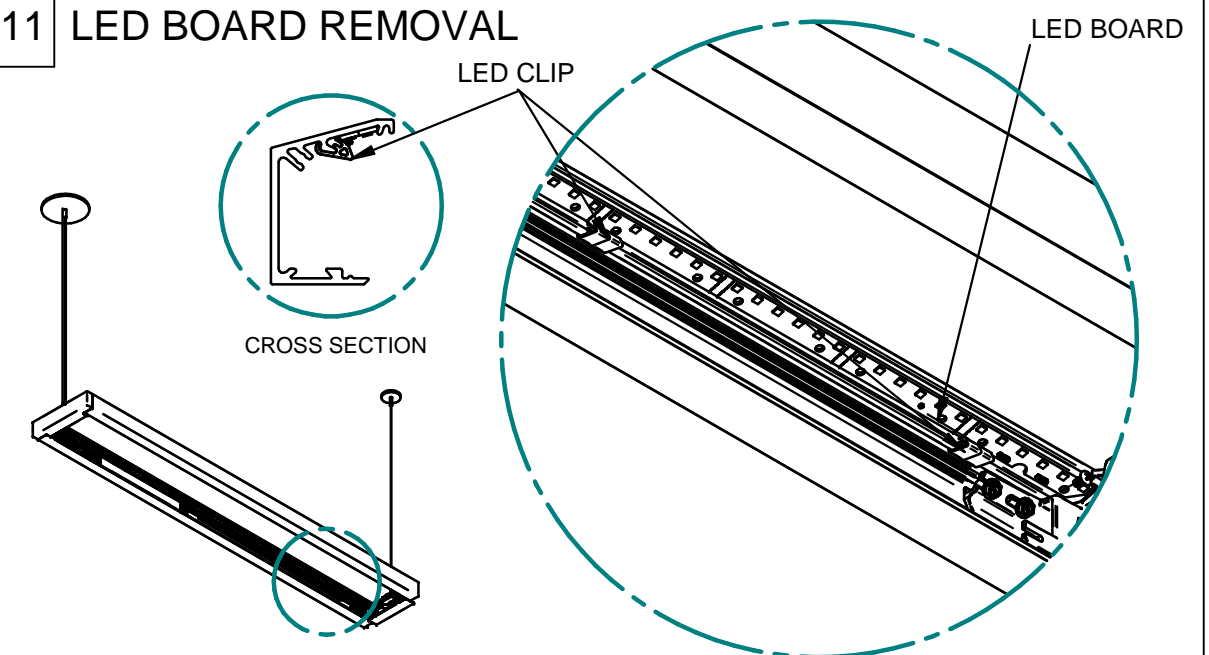
SEE STEP 8 FOR LENS REMOVAL. REMOVE ALL REFLECTOR SCREWS. SHIFT REFLECTOR TOWARDS CENTER OF FIXTURE THEN UP AND OUT. USE UPPER HOLES AT END OF FIXTURE TO HELP REMOVE IF NEEDED. TO REINSTALL, REPEAT IN REVERSE ORDER ENSURING NO WIRES OR CORDS ARE DAMAGED DURING INSTALL.

## 10 DRIVER REMOVAL



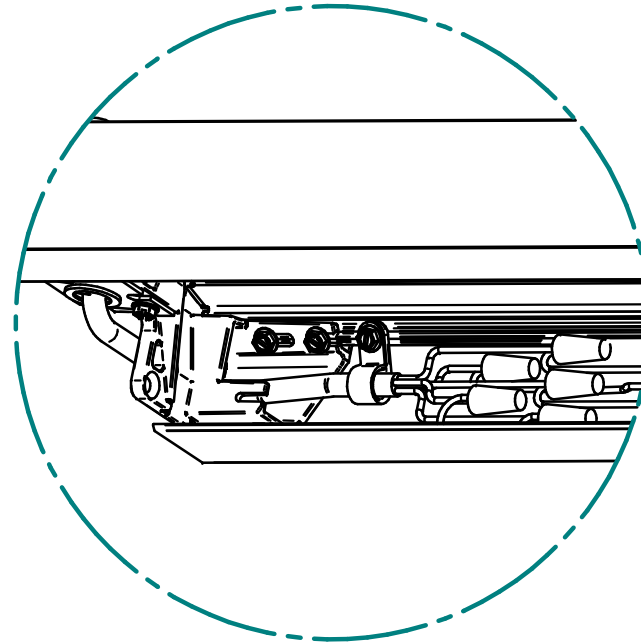
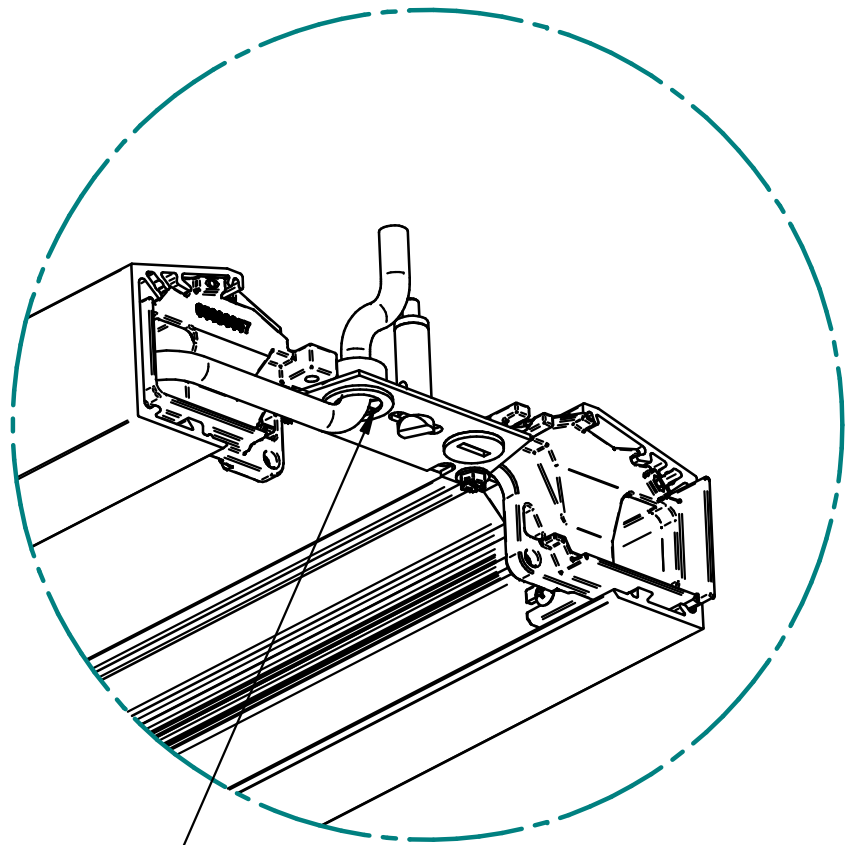
SEE STEP 8 (LENS REMOVAL) AND STEP 9 (REFLECTOR REMOVAL). LOCATE DRIVER. DRIVER IS TYPICALLY LOCATED ON LEFT SIDE OF FIXTURE WHEN VIEWED FROM FEED CORD END. REMOVE WIRES THEN REMOVE DRIVER BRACKET SCREWS. SLIDE THE DRIVER OUT OF HOUSING. TO INSTALL DRIVER, ENSURE ALL WIRES ARE TUCKED INTO BOTTOM OF HOUSING AND INSERT DRIVER FLUSH TO HOUSING RE-ATTACH DRIVER BRACKETS AND INSERT WIRES BACK INTO DRIVER.

## 11 LED BOARD REMOVAL



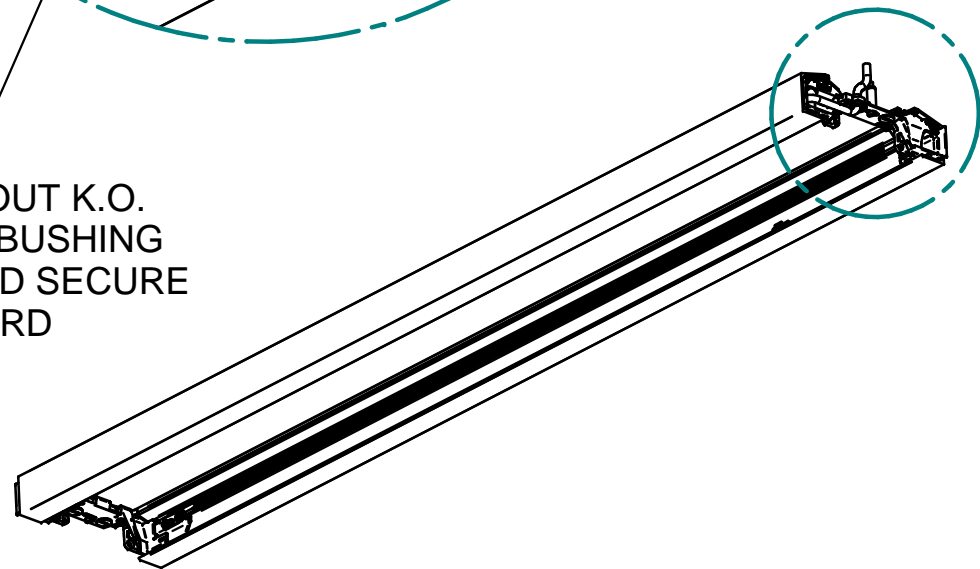
SEE STEP 8 (LENS REMOVAL) AND STEP 9 (REFLECTOR REMOVAL). WITH REFLECTOR REMOVED, LOCATE THE PLASTIC LED CLIPS HOLDING THE LED BOARD IN PLACE. PRESS AND ROTATE UPWARDS, TOWARDS THE CENTER OF THE FIXTURE. REPEAT FOR EACH LED CLIP AND REMOVE BOARD. TO RE-INSTALL, HOLD BOARD IN HOUSING AND PRESS IN LED CLIPS ALONG LENGTH ENSURING THE BOARD IS FLAT AND FULLY INSERTED INTO HOUSING.

12 FEED CORD INSTALL



VIEW FROM INSIDE

KNOCKOUT K.O.  
INSTALL BUSHING  
ROUTE AND SECURE  
CORD



FOLLOW STEPS 8 AND 9 TO REMOVE LENS AND REFLECTOR AS NEEDED. REMOVE KNOCKOUT ON GRIPPER PLATE, THEN INSTALL BUSHING AS SHOWN. ROUTE CORD THROUGH BUSHING AND INTO FIXTURE, THEN SPLICE INTO WIRES AS NEEDED. ENSURE WIRE MANAGEMENT INSIDE FIXTURE IS MAINTAINED. ENSURE NO WIRES OR CONNECTORS ARE PROTRUDING OUT OF FIXTURE BEFORE REINSTALLING REFLECTORS AND LENSES. WHEN ROW JOINING WITH CORD AT JOINT, ENSURE THE CORD IS FULLY TUCKED INTO THE FIXTURE AND THERE IS NO DAMAGE TO THE FEED CORD WHEN THE FIXTURES ARE JOINED.