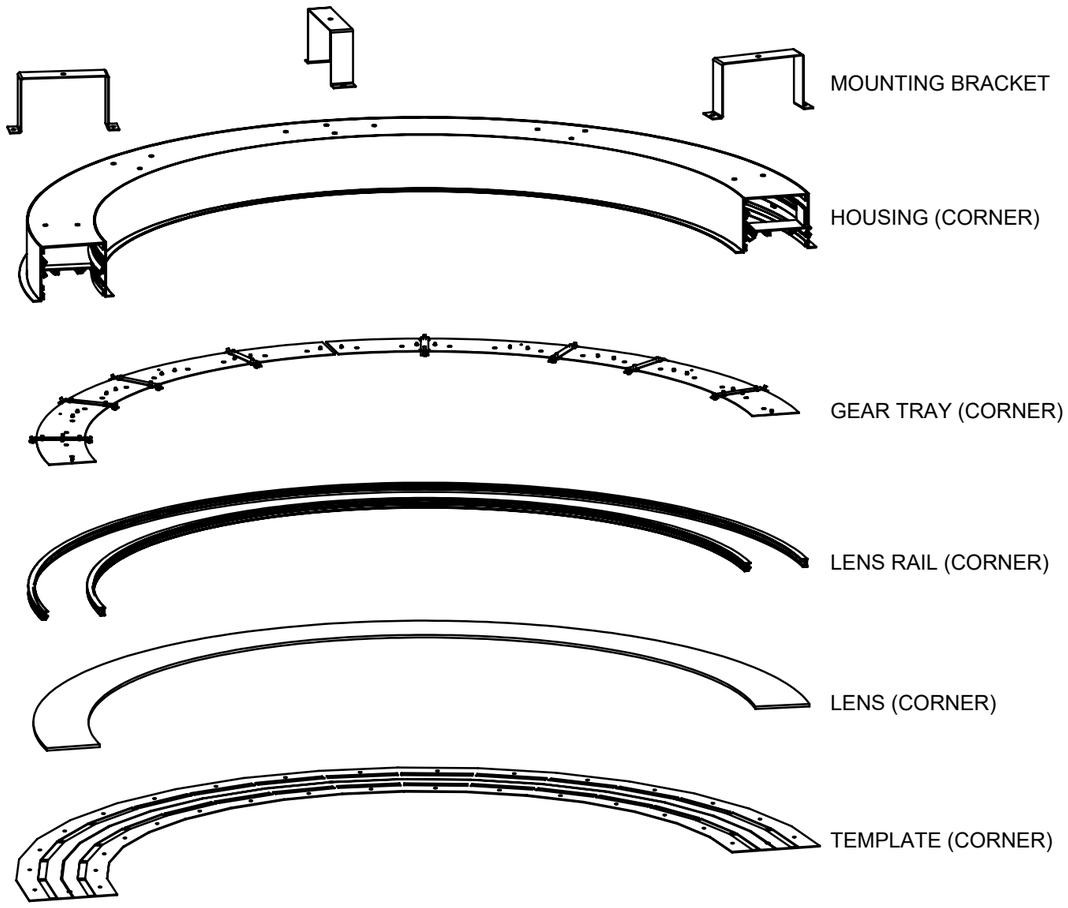
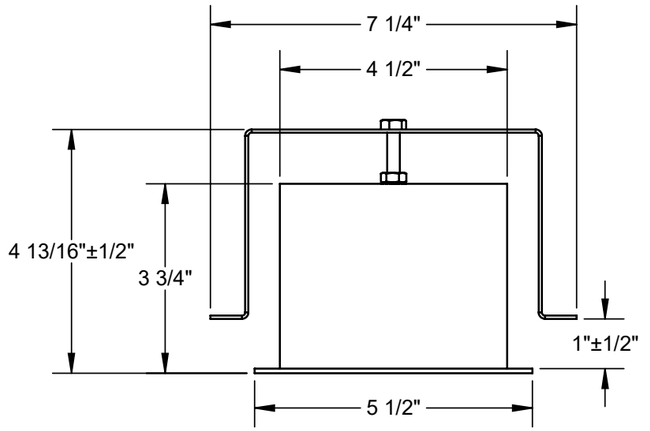
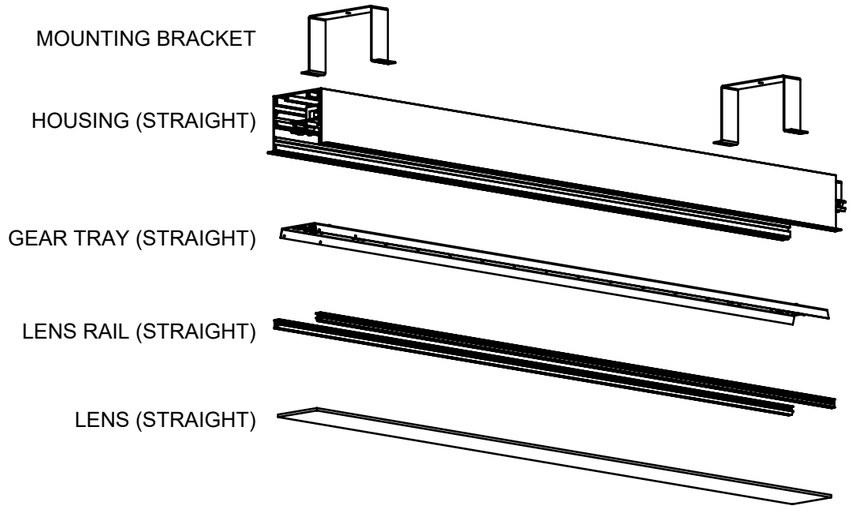




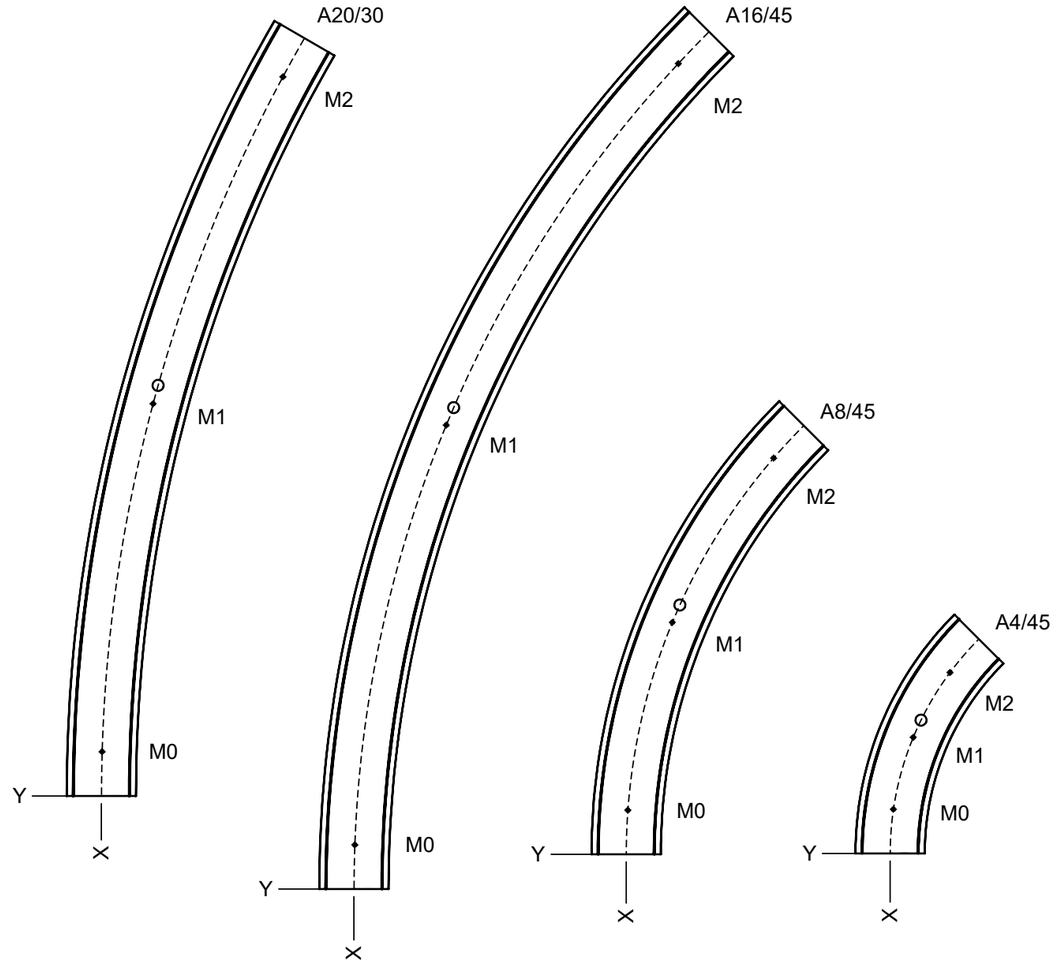
CROSS SECTION

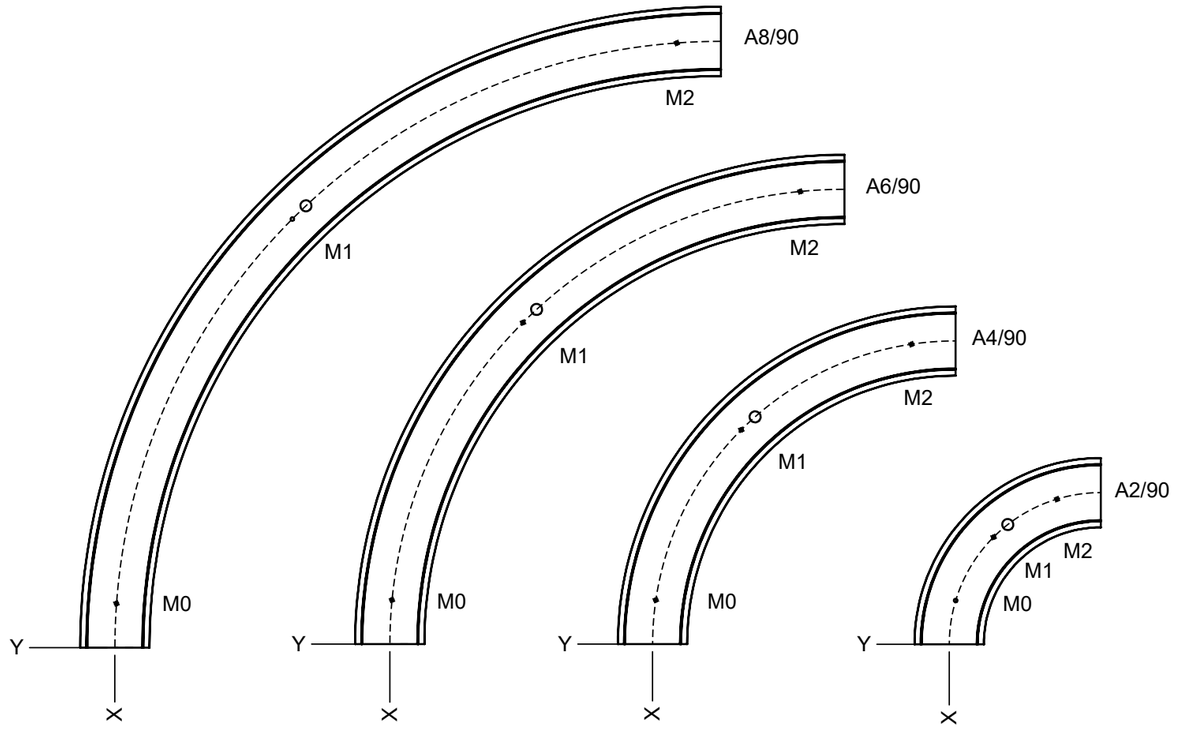


GENERAL NOTES: (READ SHEETS COMPLETELY BEFORE STARTING)

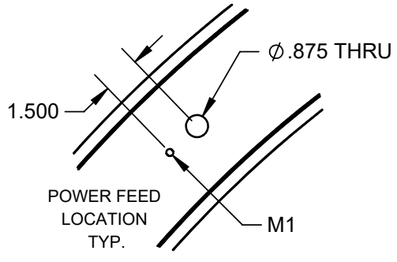
1. LEAVE PROTECTIVE WRAPPING MATERIAL ON FIXTURE(S) UNTIL START OF INSTALLATION.
2. REFER TO SUPPLEMENTAL WIRING INSTRUCTION SHEET 510401 WHEN MAKING WIRING CONNECTIONS.
3. APPROXIMATE WEIGHT OF FIXTURE IS 4 LBS PER FOOT OF LENGTH.
4. FOR ROW MOUNTED FIXTURES, DO NOT ASSEMBLE ON THE FLOOR AND LIFT TO THE CEILING. INSTALL EACH FIXTURE SEQUENTIALLY ALONG THE ROW.
5. FEED WIRES ARE FACTORY INSTALLED ON INDIVIDUAL FIXTURES.
   - FOR ROW MOUNTED FIXTURES, FEED WIRES ARE FACTORY INSTALLED AT END OF ROW LEFT (EORL) FIXTURE ONLY.
   - IF ADDITIONAL FEED WIRES ARE REQUIRED FOR THE ROW, THEY WILL BE SUPPLIED SEPARATE AND SHOULD BE FIELD INSTALLED BY CONTRACTOR.

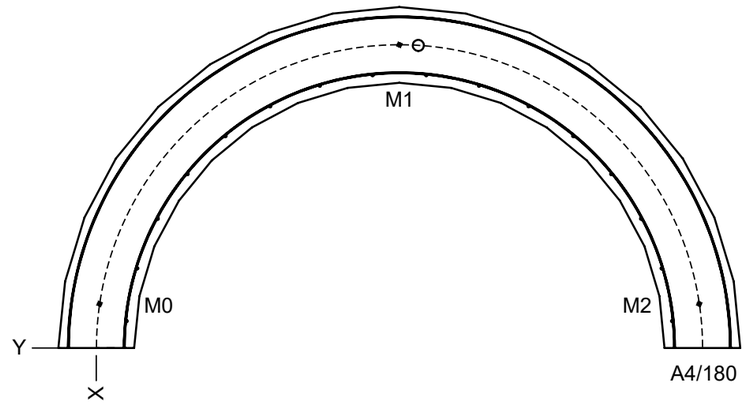
TOOLS REQUIRED	SUPPLIED BY INSTALLER
- SCREWDRIVER / DRILL - WIRE STRIPPERS - ADJUSTABLE WRENCH / PLIERS - 11/32 NUT DRIVER - 7/16 NUT DRIVER - RATCHETING PVC CUTTER OR EQUIV. - JIGSAW OR MITER SAW W/ 10IN 80-TOOTH BLADE - PRY BAR TOOL SET OR EQUIV. (optional) - ONE HANDED BAR CLAMP OR EQUIV. (optional) - RUBBER MALLET (optional)	- 1/4-20 X 2-1/4" BOLTS - 1/4-20 NUTS

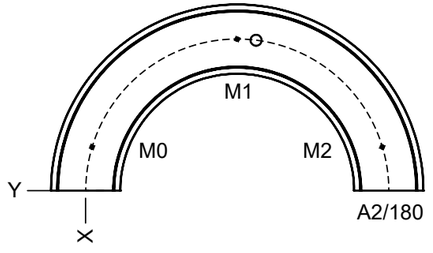




ARC SPEC.	℄ DIA. (in)	ANGLE	M0 (X)	M0 (Y)	M1 (X)	M1 (Y)	M2 (X)	M2 (Y)
A2/90	24.000	90°	0.510	3.463	3.515	8.485	8.537	11.490
A2/180	24.000	180°	0.510	3.463	12.000	12.000	23.490	3.463
A4/45	48.000	45°	0.255	3.491	1.827	9.184	4.742	14.322
A4/90	48.000	90°	0.255	3.491	7.029	16.971	20.509	23.745
A4/180	48.000	180°	0.255	3.491	24.000	24.000	47.745	3.491
A6/90	72.000	90°	0.170	3.496	10.554	25.456	32.504	35.830
A8/45	96.000	45°	0.128	3.498	3.654	18.369	11.676	31.378
A8/90	96.000	90°	0.128	3.498	14.059	33.941	44.502	47.872
A16/45	192.000	45°	0.064	3.499	7.308	36.738	25.688	65.363
A20/30	240.000	30°	0.051	3.500	4.089	31.058	14.371	56.944

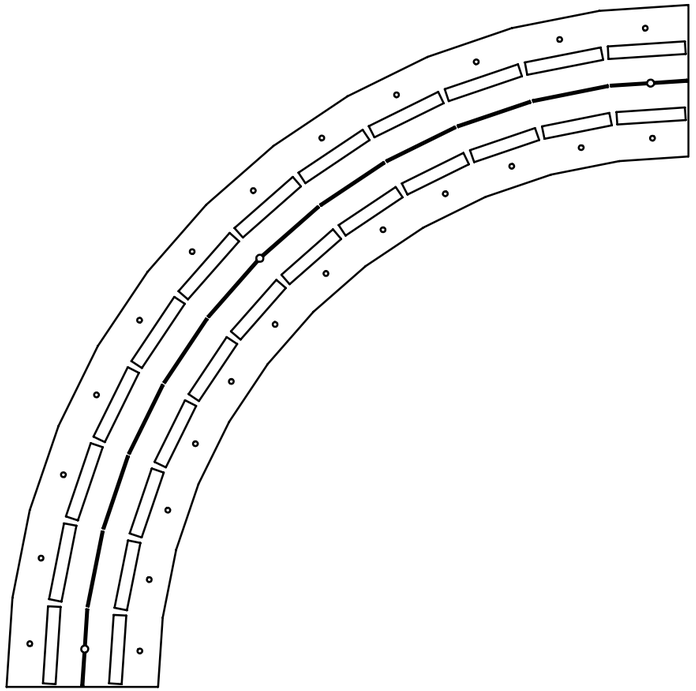


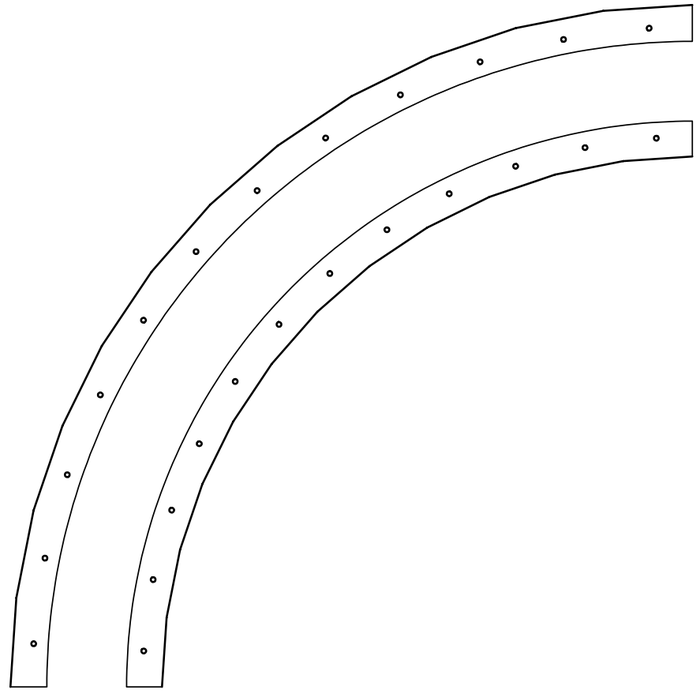




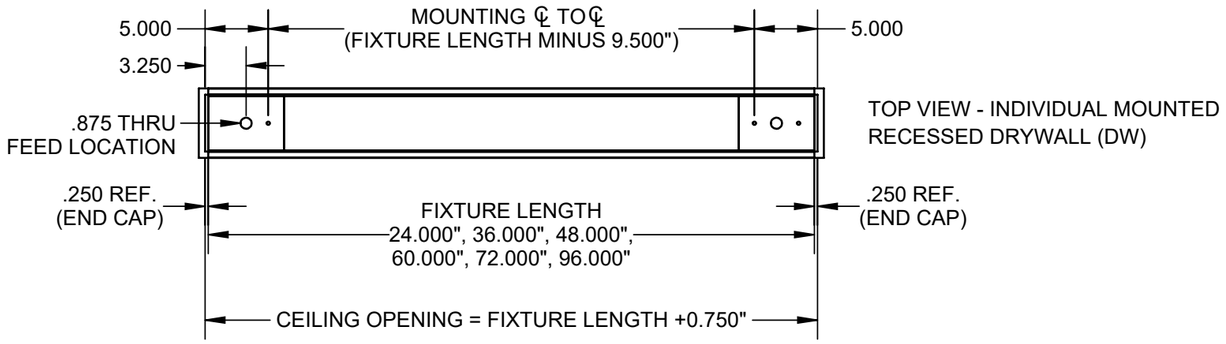
** MOUNTING POINT M0 REQUIRED FOR IND & EORL ONLY
M1 = FEED LOCATION (WHERE APPLICABLE)

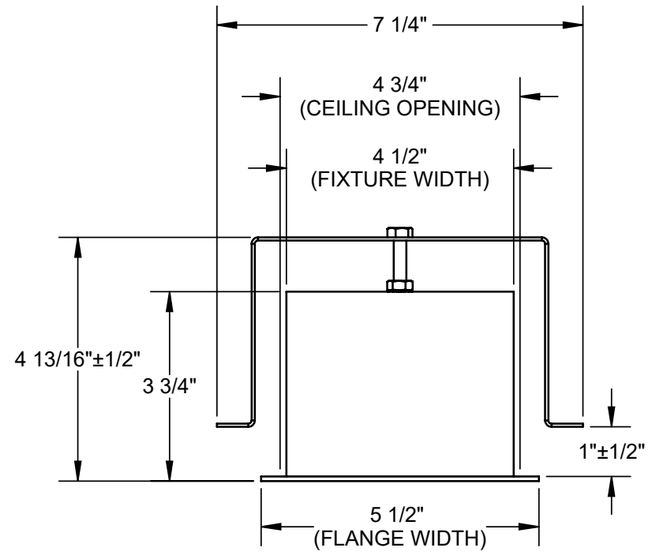
CEILING PREP - CORNERS



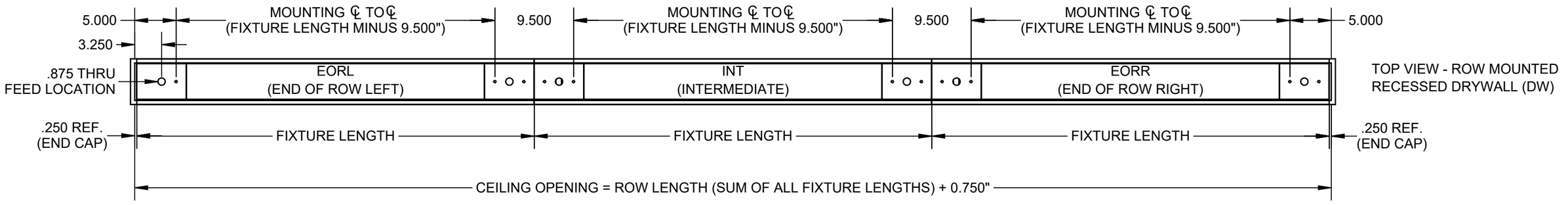


1. PLACE TEMPLATE ON THE FLOOR DIRECTLY BELOW THE INTENDED INSTALLED LOCATION IN THE CEILING.
2. MEASURE AND USE LASERS TO HELP ALIGN AND LOCATE TEMPLATE ONTO CEILING.
3. FASTEN TEMPLATE TO CEILING USING DRYWALL SCREWS.
4. AFTER THE TEMPLATE HAS BEEN SECURED , CUT AWAY THE CENTER WEBBING AND DRYWALL, LEAVING A SMOOTH EDGE FOR LUMINAIRE INSTALLATION.

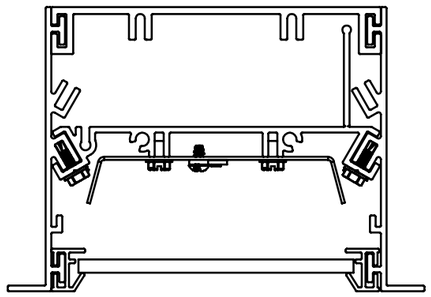




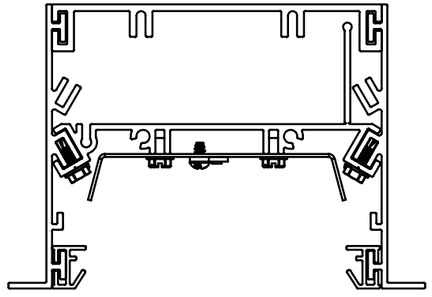
CROSS SECTION



1 LENS REMOVAL



SLIDE FLAT LENS OUT OF HOUSING
ALONG LENGTH OR CURVE OF HOUSING

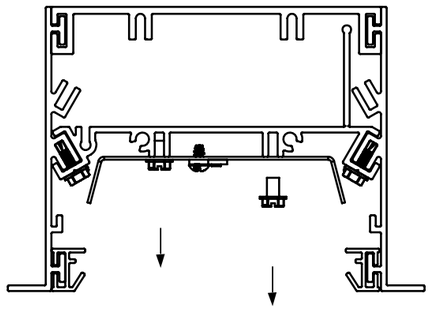


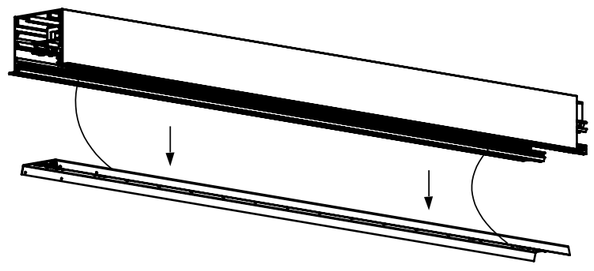
TO PREVENT DAMAGE TO LENS
PLACE IN SAFE PLACE

NOTES:

1. SLIDE FLAT LENS OUT OF HOUSING.
   - USE CAUTION NOT TO DAMAGE LENS OR LENS RAIL DURING PROCESS.

2 GEAR TRAY REMOVAL

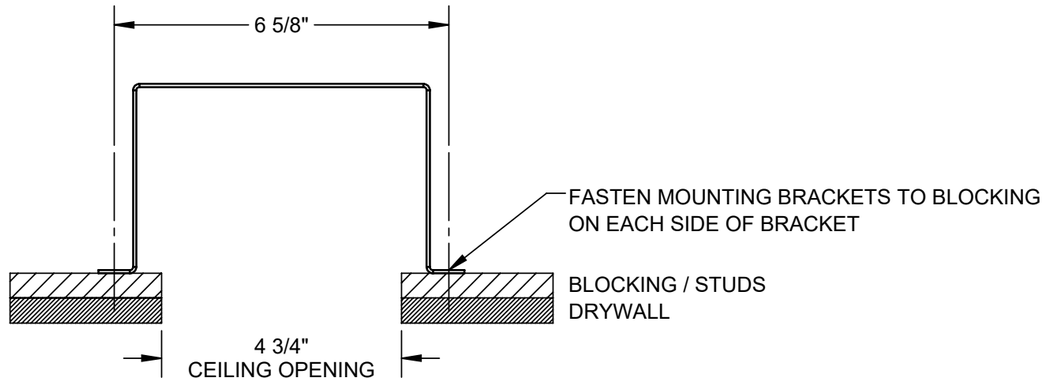




NOTES:

1. REMOVE SHEET METAL SCREWS FROM GEAR TRAY ASSEMBLY.
2. REMOVE GEAR TRAY ASSEMBLY FROM HOUSING.
   - LEAVE GEAR TRAY ASSEMBLY ATTACHED TO TETHERS.

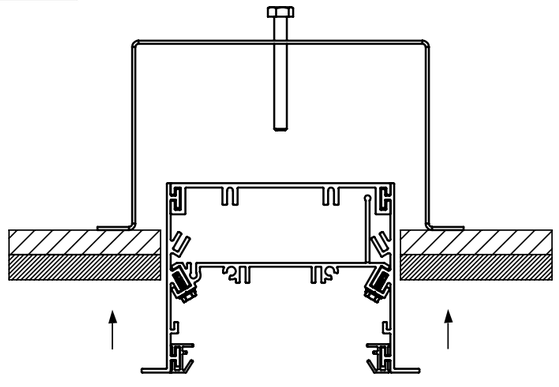
3 MOUNTING

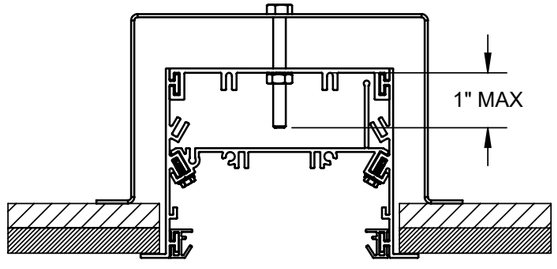


NOTES:

1. SECURE MOUNTING BRACKETS TO BLOCKING AT EACH MOUNTING LOCATION
   USING WOOD SCREWS ON EACH SIDE OF BRACKET.

4 MOUNTING (cont.)



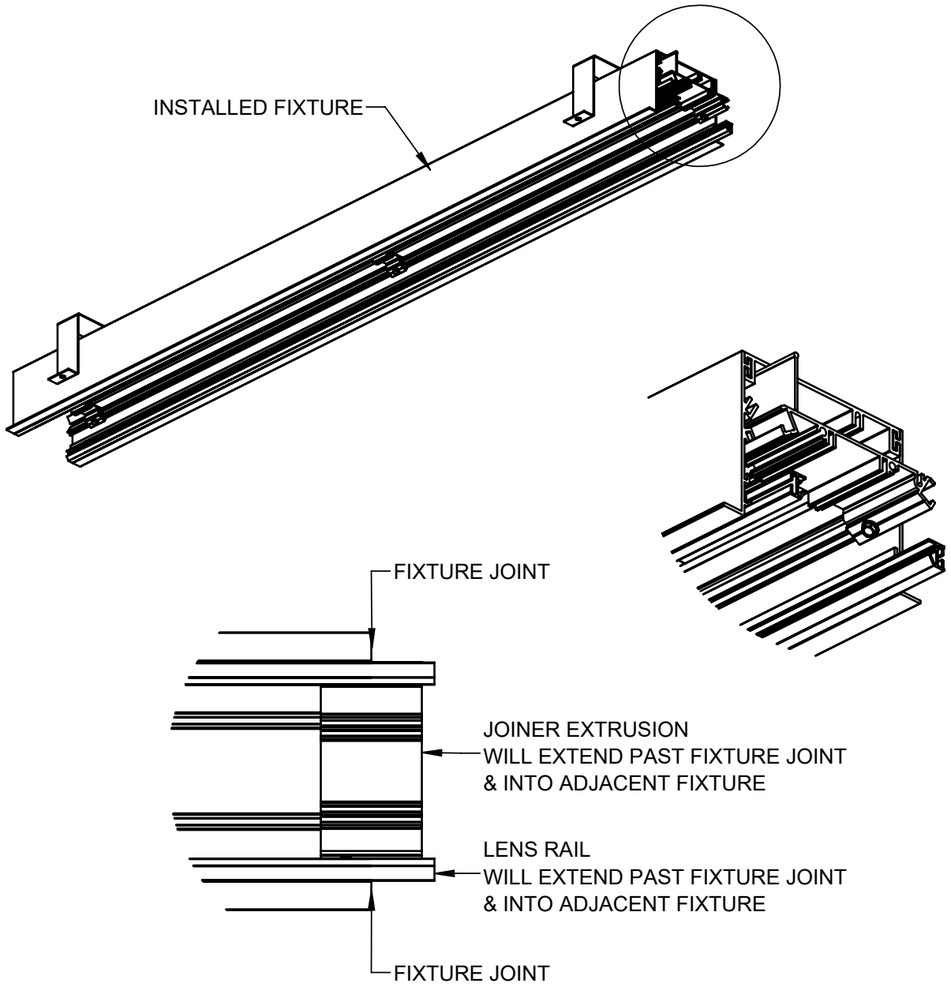


NOTES:

1. WHILE PROPERLY SUPPORTING FIXTURE FROM EACH END, MANEUVER FIXTURE TO CEILING.
2. INSERT 1/4-20 BOLTS THROUGH HOLES IN MOUNTING BRACKETS AND INTO HOUSING.
3. FASTEN 1/4-20 NUTS TO BOLTS AND TIGHTEN UNTIL FLANGE IS TIGHT TO CEILING.
4. MAKE WIRE CONNECTIONS INSIDE FIXTURE.

DRAWING: 99010280
REV: A DATE: 12/01/25

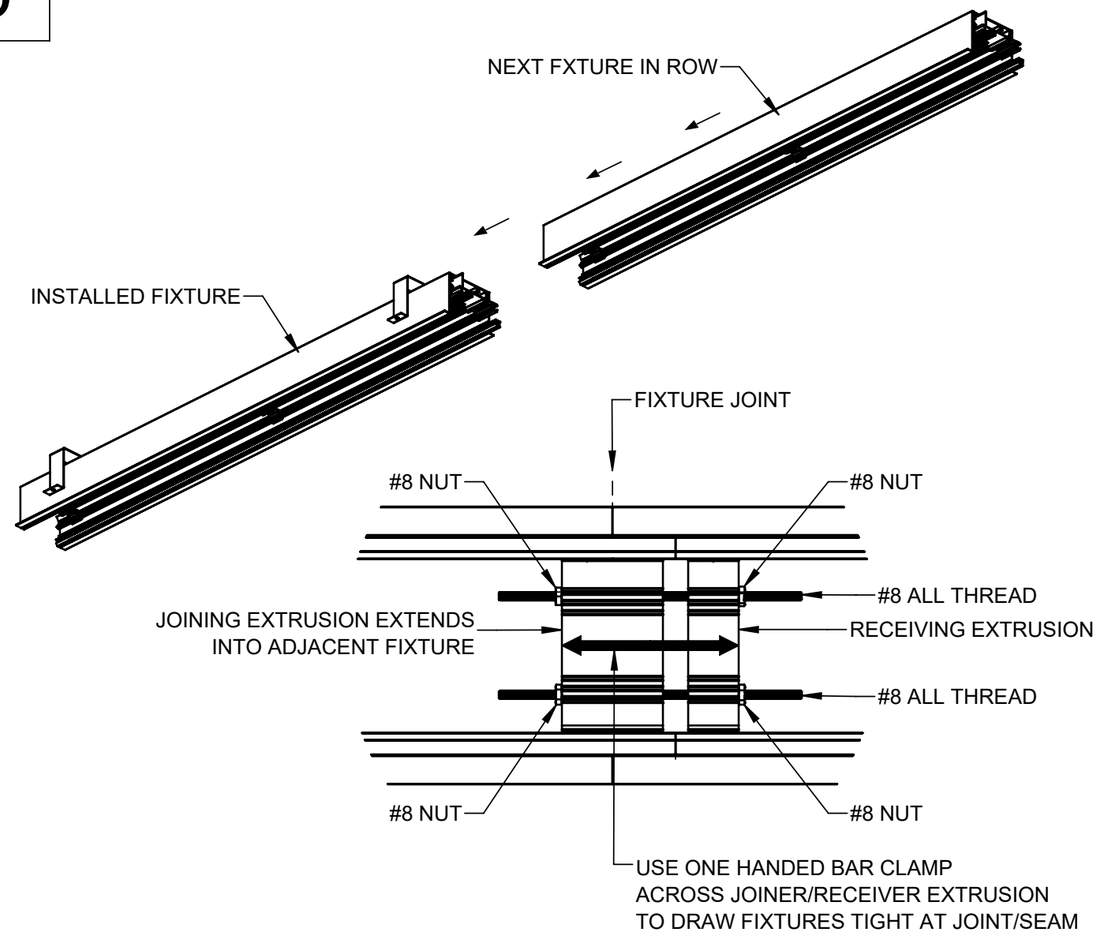
5 ROW JOINING



NOTES:

1. END OF ROW LEFT (EORL) AND INTERMEDIATE (INT) FIXTURES PROVIDED WITH JOINER EXTRUSION & LENS RAIL WHICH EXTEND PAST THE END OF THE FIXTURE.
2. THE JOINER EXTRUSION IS MEANT TO AID WITH THE ALIGNMENT OF THE ADJACENT FIXTURE IN THE ROW AND ACT AS A MEANS OF FASTENING FIXTURES TOGETHER AT THE SEAM.
3. JOINER EXTRUSION PROVIDED WITH STRAIGHT FIXTURES AND CORNER FIXTURES.

6 ROW JOINING (cont.)

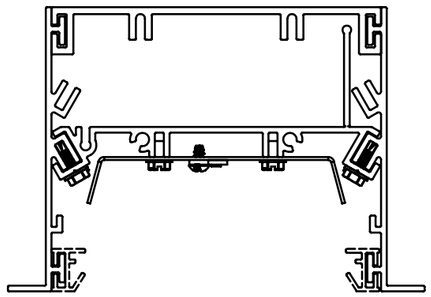


NOTES:

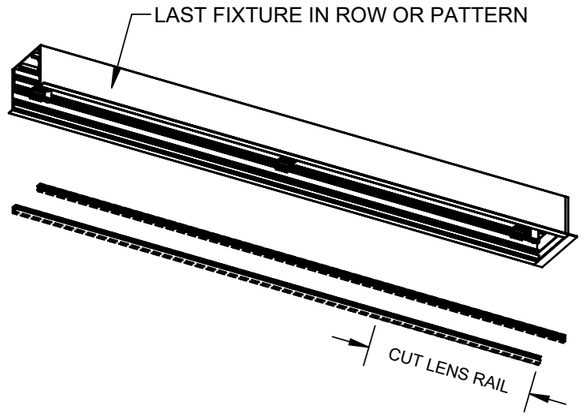
1. REMOVE LENS AND GEAR TRAY FOR THE NEXT FIXTURE TO BE INSTALLED.
2. SLIDE LENS RAIL AWAY FROM JOINT IN THE NEXT FIXTURE TO BE INSTALLED.
   - THIS IS REQUIRED TO LEAVE CLEARANCE FOR LENS RAIL FROM INSTALLED FIXTURE WHICH EXTENDS PAST JOINT/SEAM & INTO ADJACENT FIXTURE.
3. MANEUVER FIXTURE TO CEILING AND ALIGN WITH INSTALLED FIXTURE.
4. SLIDE ADJACENT FIXTURE TIGHT AGAINST JOINT/SEAM.
5. OPTIONAL: USE ONE HANDED BAR CLAMP ACROSS JOINER EXTRUSION TO DRAW FIXTURES TIGHT TOGETHER AND ELIMINATE GAPS AT JOINT/SEAM.
6. MOUNT FIXTURE USING APPROPRIATE METHOD AS DESCRIBED IN STEPS 3 & 4.
7. INSERT #8 ALL THREAD THROUGH JOINER EXTRUSION.
8. FASTEN #8 NUTS ON ONE SIDE OF THE JOINER EXTRUSION & ONE SIDE OF THE RECEIVER EXTRUSION.
9. SLIDE LENS RAIL BACK TIGHT AGAINST LENS RAIL FROM INSTALLED FIXTURE.

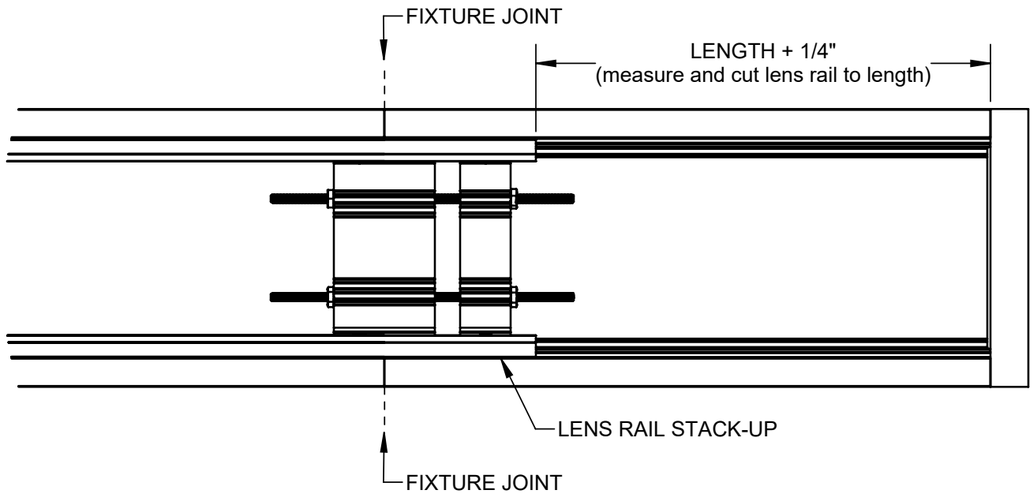
DRAWING: 99010280
REV: A DATE: 12/01/25

7 LENS RAIL FIELD CUT



SLIDE LENS RAIL OUT OF HOUSING
ALONG LENGTH OR CURVE OF HOUSING

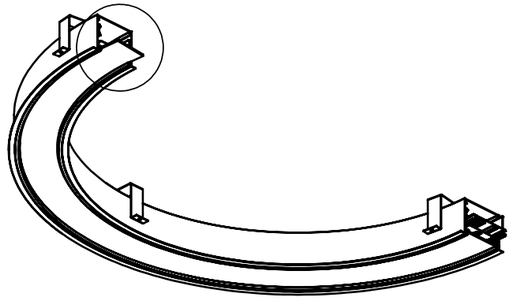


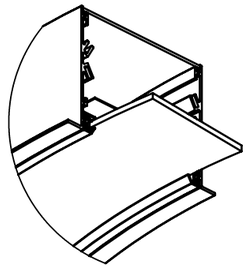


NOTES:

1. FOR THE LAST FIXTURE IN A ROW OR PATTERN, REMOVE THE LENS RAIL IN ADDITION TO REMOVING THE LENS AND GEAR TRAY ASSEMBLY BY SLIDING LENS RAIL OUT OF HOUSING.
2. ONCE FIXTURE IS INSTALLED, MEASURE LENGTH OF LENS RAIL REQUIRED TO FINISH AGAINST COMPLETED PATTERN OR END OF ROW END CAP AND ADD EXTRA 1/4" TO MEASUREMENT.
3. CUT LENS RAIL TO LENGTH USING RATCHETING PVC CUTTER OR EQUIV.

8 LENS FIELD CUT



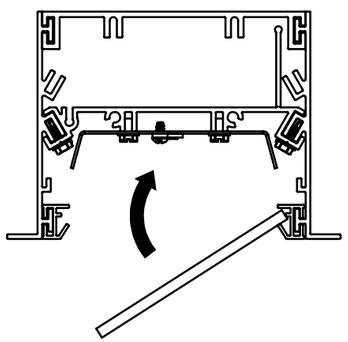


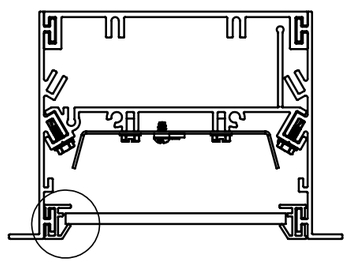
NOTES:

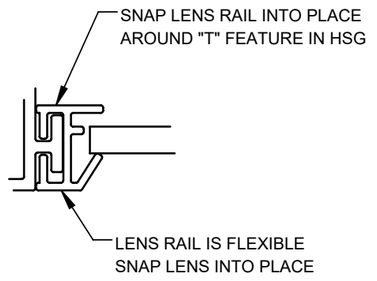
TO PREVENT LIGHT LEAK, CORNER LENSES ARE PROVIDED SLIGHTLY OVERSIZED,
TO BE FIELD CUT TO PRECISE LENGTH. WHEN INSTALLING FINAL LENS IN A ROW OR PATTERN:

1. MARK FINAL LENS CUT LENGTH FLUSH WITH INSTALLED LENS
2. CUT FINAL LENS TO FIT USING JIGSAW OR MITER SAW WITH 80-TOOTH BLADE.

9 LENS RAIL / LENS INSTALL





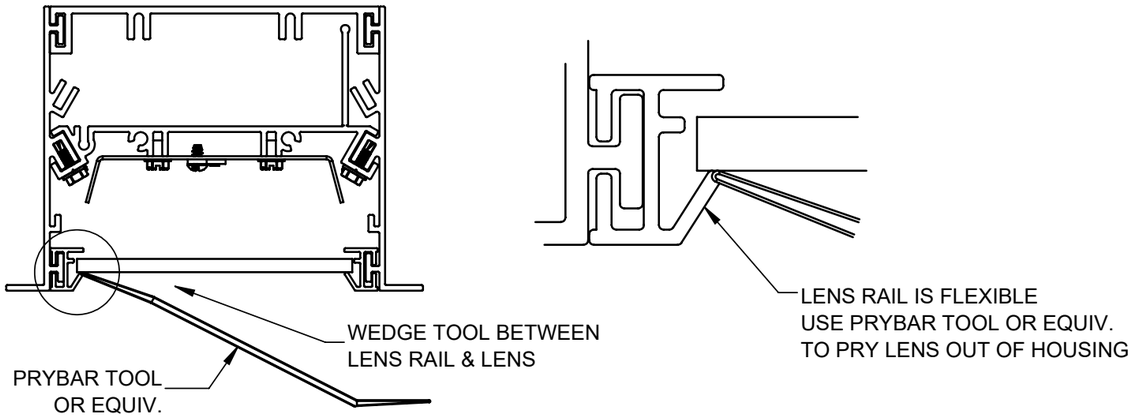


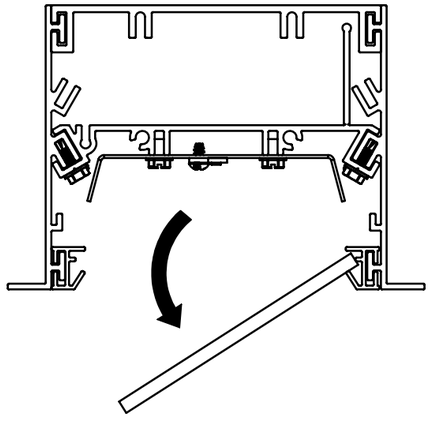
NOTES:

1. TO REINSTALL LENS RAIL; SNAP LENS RAIL AROUND "T" FEATURE AT BOTTOM OF HOUSING
   - OPTIONAL; USE RUBBER MALLET TO TAP LENS RAIL INTO PLACE, THEN WORK LENS RAIL INTO PLACE ALONG REMAINING HOUSING LENGTH
2. TO REINSTALL LENS; PLACE LENS INTO LENS RAIL ON ONE SIDE AT AN ANGLE, THEN SNAP INTO PLACE
   - LENS SHOULD SIT ON ANGLED FEATURE OF LENS RAIL

DRAWING: 99010280
REV: A DATE: 12/01/25

INSTALLED LENS REMOVAL

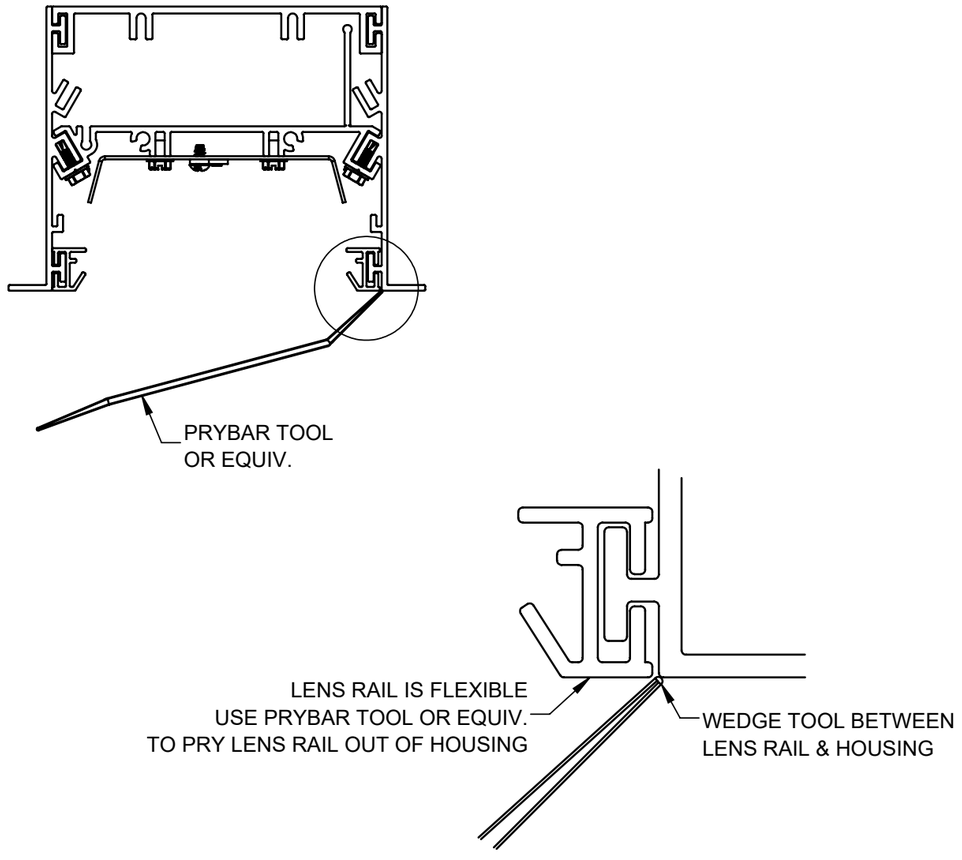




NOTES:

1. USING PRYBAR TOOL OR EQUIVALENT, WEDGE TOOL BETWEEN LENS & LENS RAIL AND PRY THE LENS OUT OF HOUSING.
   - USE CAUTION NOT TO DAMAGE LENS OR LENS RAIL DURING PROCESS.

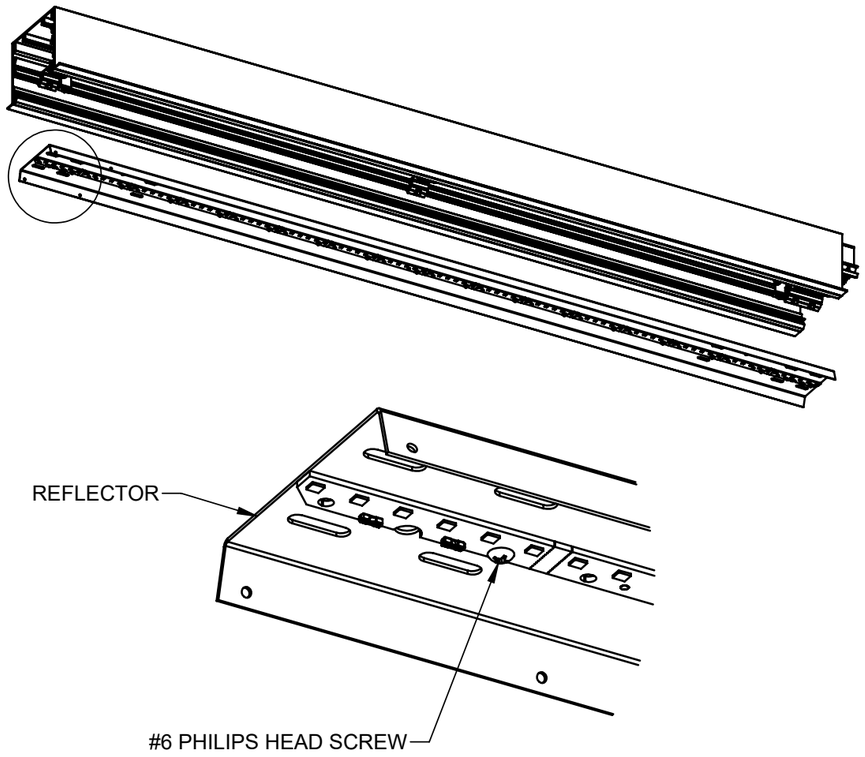
INSTALLED LENS RAIL REMOVAL



NOTES:

1. USING PRYBAR TOOL OR EQUIVALENT, WEDGE TOOL BETWEEN LENS RAIL & HOUSING AND PRY THE LENS RAIL OUT OF HOUSING.
   - USE CAUTION NOT TO DAMAGE LENS RAILOR HOUSING DURING PROCESS.

LED REPLACEMENT

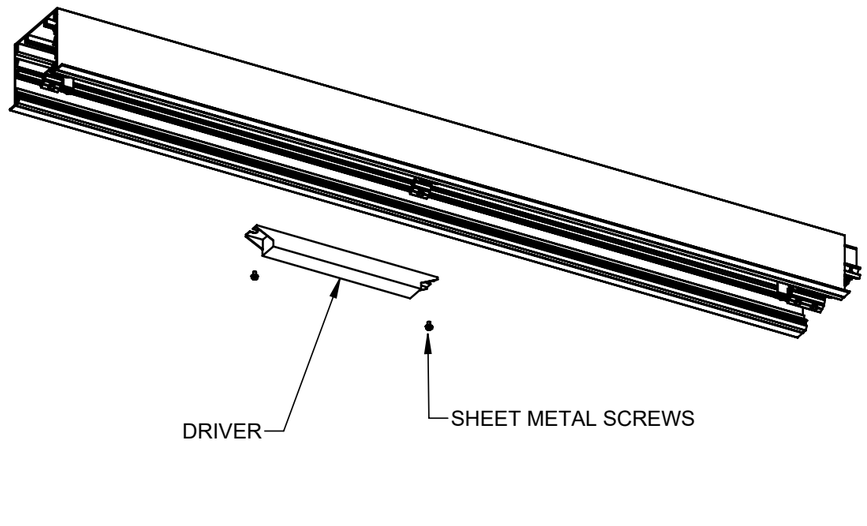


NOTES:

BEFORE REPLACING LED BOARD(S), REMOVE LENS AS DESCRIBED IN STEP 1 AND REMOVE SHEET METAL SCREWS TO REMOVE GEAR TRAY ASSEMBLY FROM HOUSING AS DESCRIBED IN STEP 2.

1. FULLY REMOVE GEAR TRAY ASSEMBLY FROM HOUSING.
   - DISCONNECT WIRE NUTS THAT CONNECT LED JUMPIRE WIRES TO DRIVER.
   - DISCONNECT SAFETY TETHERS CONNECTED TO REFLECTOR.
2. REMOVE #6 PHILIPS HEAD SCREWS THAT FASTEN LED BOARD(S) TO REFLECTOR AND REMOVE LED BOARD(S) FROM REFLECTOR.
3. REPLACE LED BOARD(S) AND FASTEN TO REFLECTOR USING #6 PHILIPS HEAD SCREWS.
4. INSERT 20GA JUMPER WIRES (RED & BLUE) TO LED BOARD (+) AND (-) TERMINALS.
5. WIRE JUMPER WIRES TO DRIVER USING WIRE NUTS.

DRIVER REPLACEMENT



NOTES:

BEFORE REPLACING DRIVER(S), REMOVE LENS AS DESCRIBED IN STEP 1 AND REMOVE SHEET METAL SCREWS TO REMOVE GEAR TRAY ASSEMBLY FROM HOUSING AS DESCRIBED IN STEP 2.

1. FULLY REMOVE GEAR TRAY ASSEMBLY FROM HOUSING.
   - DISCONNECT WIRE NUTS THAT CONNECT LED JUMPIRE WIRES TO DRIVER.
   - DISCONNECT SAFETY TETHERS CONNECTED TO REFLECTOR.
2. DISCONNECT ELECTRICAL CONNECTIONS FROM DRIVER TERMINALS.
3. REMOVE SHEET METAL SCREWS THAT FASTEN DRIVER TO HOUSING AND REMOVE DRIVER.
4. REPLACE DRIVER AND FASTEN TO HOUSING USING SHEET METAL SCREWS.
5. RECONNECT ELECTRICAL CONNECTIONS TO DRIVER TERMINALS.