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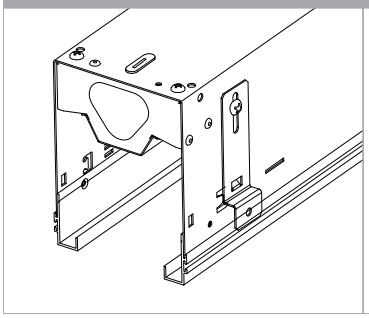
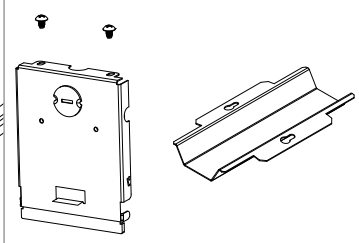
INSTALLATION: G1-NOTCH LED GRID

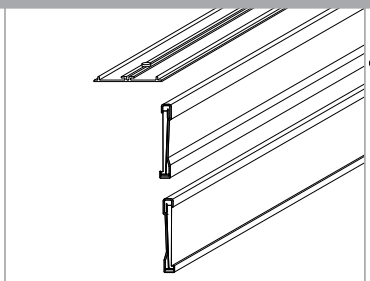
FIXTURE HOUSING



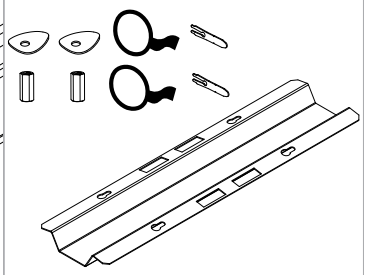
ENDCAP KIT



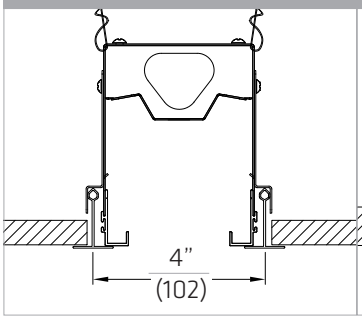
OPTIC KIT



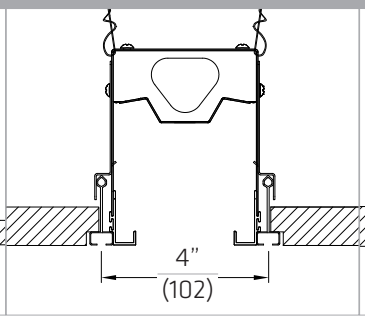
JOIN KIT



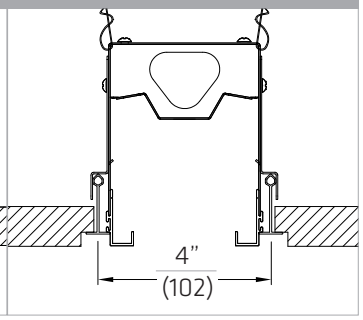
NOTCH 2
15/16" | 9/16" GRID



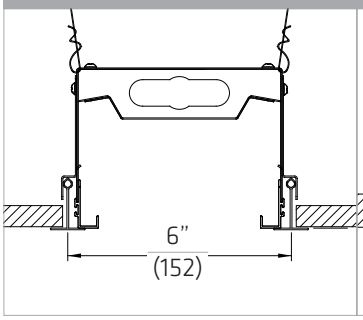
NOTCH 2
BOLT SLOT GRID



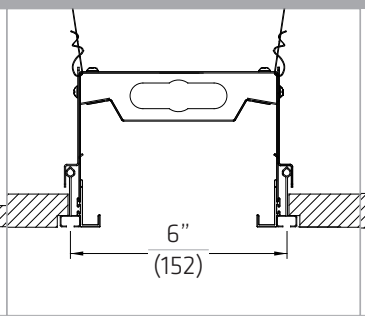
NOTCH 2
9/16" GRID TEG TILE



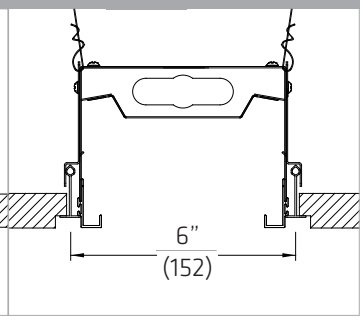
NOTCH 4
15/16" | 9/16" GRID



NOTCH 4
BOLT SLOT GRID



NOTCH 4
9/16" GRID TEG TILE



inches
(mm)

IMPORTANT

READ BEFORE BEGINNING INSTALLATION:

- **Do not** join fixture lengths together on the floor and lift into place. This introduces significant forces on the joins and will damage the fixtures.
- All fixtures should be installed in accordance with national and local building and electrical codes.
- Do not install internal optical modules prior to installing housing in T-grid.
- Do not remove green housing spacers prior to installing housing in T-grid.

TOOLS REQUIRED

Tools:

- #2 - Phillips Screwdriver
- Pliers
- Mallet

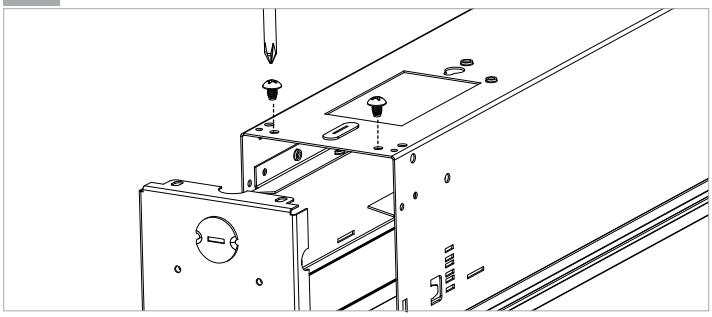
Due to continuing product improvements, specifications and dimensions are subject to change without notice. Consult www.fluxwerx.com for most current technical information.

1 DETERMINE ROW LAYOUT

HOUSING INSTALLATION

Refer to row configuration document. Prepare ceiling grid and plan fixture housing positions per the row configuration document.

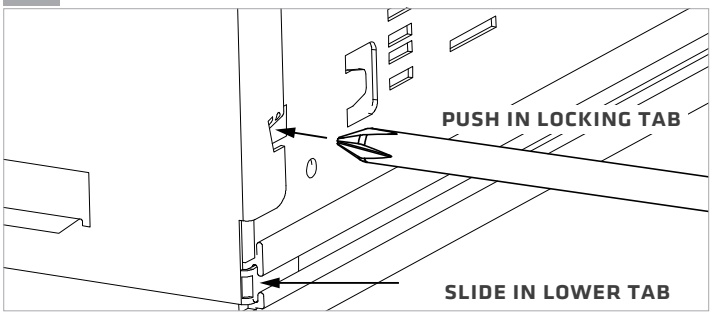
2A ENDCAP INSTALLATION



Install endcaps with supplied fasteners on fixtures where required.

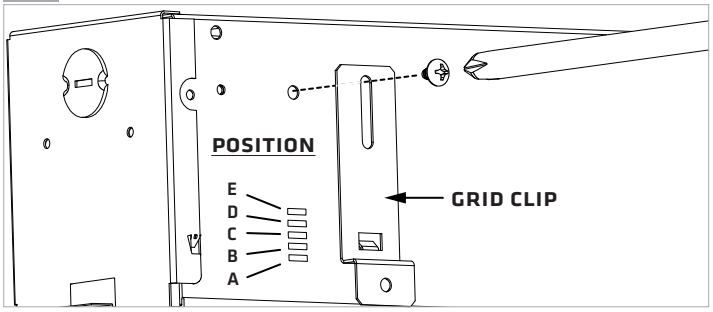
NOTE:
Standalone fixtures require 2 endcaps, start-of-run (and end-of-run) fixtures requrie 1 endcap and mid-run fixtures require no endcaps.

2B BEND ENDCAP TABS



1. Bend lower tabs (both sides) and insert into alignment channel.
2. Push-in locking endcap tab (both sides) using a Philips screwdriver.

3 ATTACH GRID CLIPS



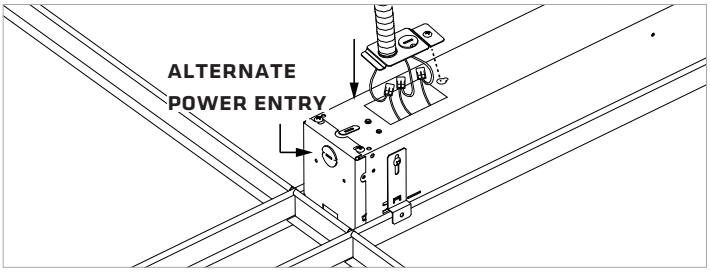
Attach grid clips to fixture using supplied screws.

NOTE:
1. Ensure grid clip is correctly positioned to correspond with T-bar height and type (See Table A).
2. Quantity (4) grid clips are used for every 2, 3 or 4ft fixture and quantity (6) clips are used for every 8ft fixture.

TABLE A

POSITION	TEE HEIGHT	TEE TYPE
A	1 1/8" | (29mm)	Flat
B	1 3/8" | (35mm)	Flat
C	1 1/2" | (38mm)	Flat
D	1 11/16" | (43mm)	Flat
D	1 3/4" | (45mm)	Flat
D	1 1/2" | (38mm)	Teg/Bolt Slot
E	1 11/16" | (43mm)	Teg/Bolt Slot
E	1 3/4" | (45mm)	Teg/Bolt Slot

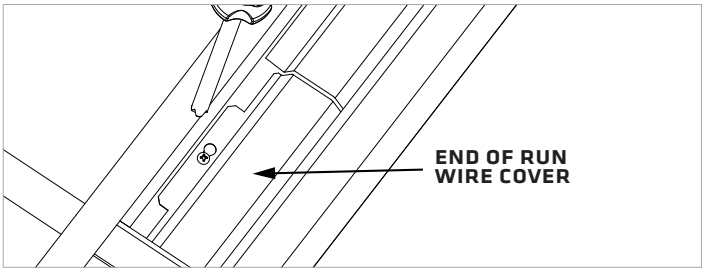
4 INSTALL FIRST FIXTURE IN T-GRID



1. Set first fixture in T-grid structure.
2. Complete all electrical connections.
3. Secure power access plate using supplied screw.

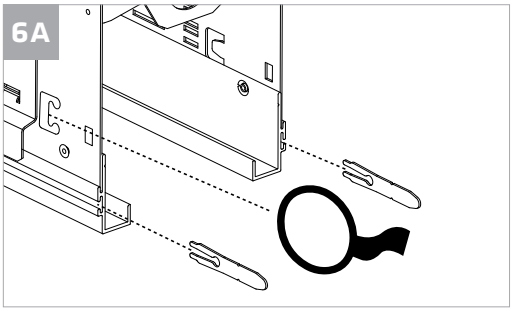
NOTE:
1. Wire dimming control wires as Class 1.
2. Do not energize the circuit until both the housing and optic module installation is complete.
3. Multi-housing row can be powered from only one housing.
4. Fixture through wiring is 14 AWG. Calculate maximum row length per fixture Watts/ft. and local and national building codes.

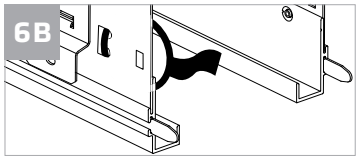
5 INSTALL END OF RUN WIRE COVER(S)

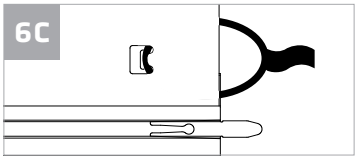


1. Install end of run wire cover.
2. For standalone fixtures install both end-of-run wire covers, then skip to step 10.
3. If fixture is part of a continuous run, install one cover and proceed to next step.

6 PREPARE STARTER FIXTURE FOR JOINING

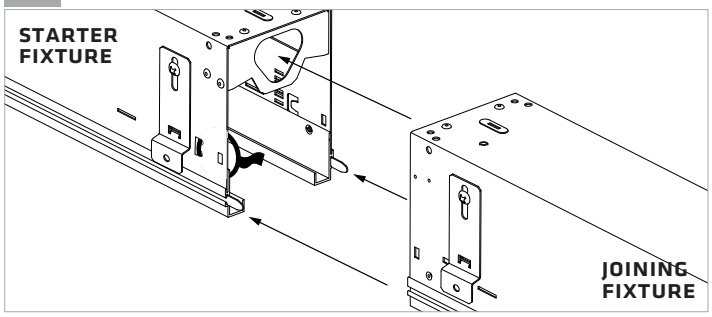






1. Orient both aligner pins as shown.
2. Gently tap-in pins into starter fixture up to mid-mark using a mallet.
3. Hook one O-ring into starter fixture slot as shown.

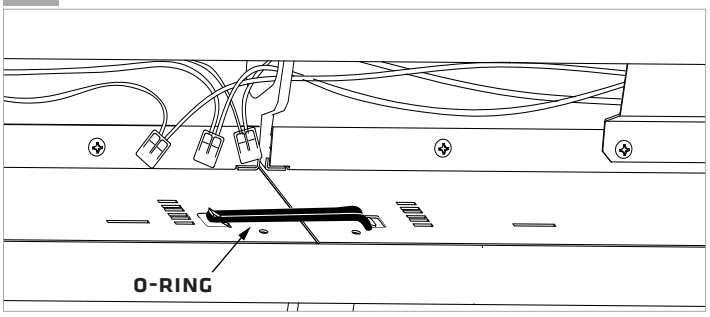
7 PREPARE JOINING FIXTURE



Prepare joining fixture by:

- Installing endcaps (if required, step 1)
- Grid clips (step 2)
- One O-ring (previous step)

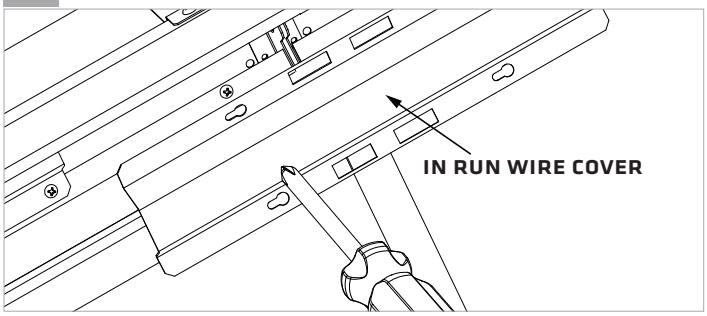
8 JOIN FIXTURES



1. Align and carefully join fixtures in grid.
2. Hook O-ring onto the other fixture to pull them together.
3. Repeat O-ring installation on opposite side.
4. Pull wires through joining plate and make all electrical connections at the joins using supplied wire nuts.

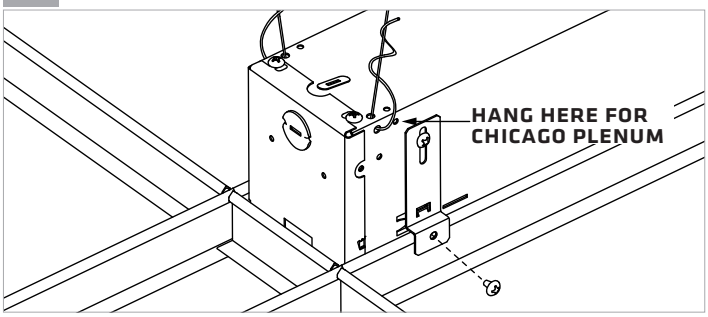
NOTE:
For dimming control wires, a jumper harness is supplied in the join kit

9 INSTALL IN-RUN WIRE COVER



1. Install in-run wire cover and shift into position.
2. Ensure cover is flush with adjacent driver cover.
3. Adjust joint/run straightness if necessary.
4. Tighten supplied screws.

10 SECURE FIXTURE TO GRID + STRUCTURE

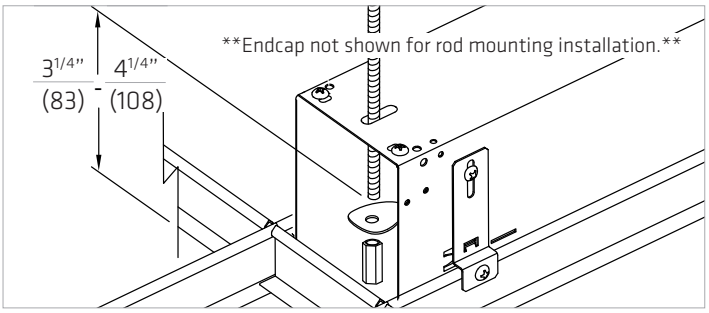


1. Inspect fixture run for straightness and aesthetics.
2. Tie-off fixture to structure according to local building codes using suspension wire (by others).
3. Fasten grid clips to T-grid with #8 x ¼" sheet metal screws (by others).

NOTE:
For Chicago Plenum (CCEA) installations, use 12 AWG galvanized suspension wire and the smaller mounting holes as indicated.

11 OPTIONAL THREADED ROD MOUNTING

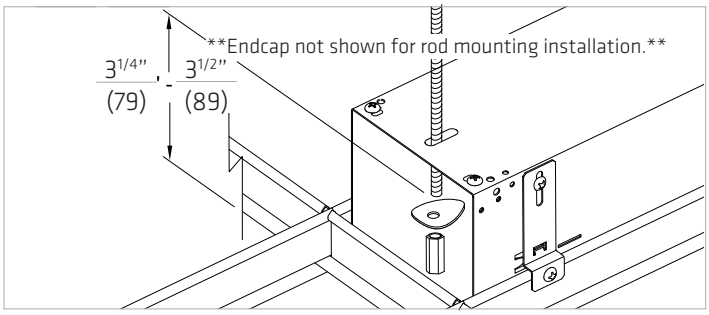
NOTCH 2



1. Insert ¼-20 threaded rod through obround knockout.
2. End of rod must be located 3 1/4" (83mm) – 4 1/4" (108mm) above grid plane as shown.
3. Using a 3/4" deep socket, fasten using supplied ¼-20 nut and washer. Position the waser to cover/seal the obround knockout opening.

NOTE:
Nuts and washers supplied in Joiner + Endcap Kits.

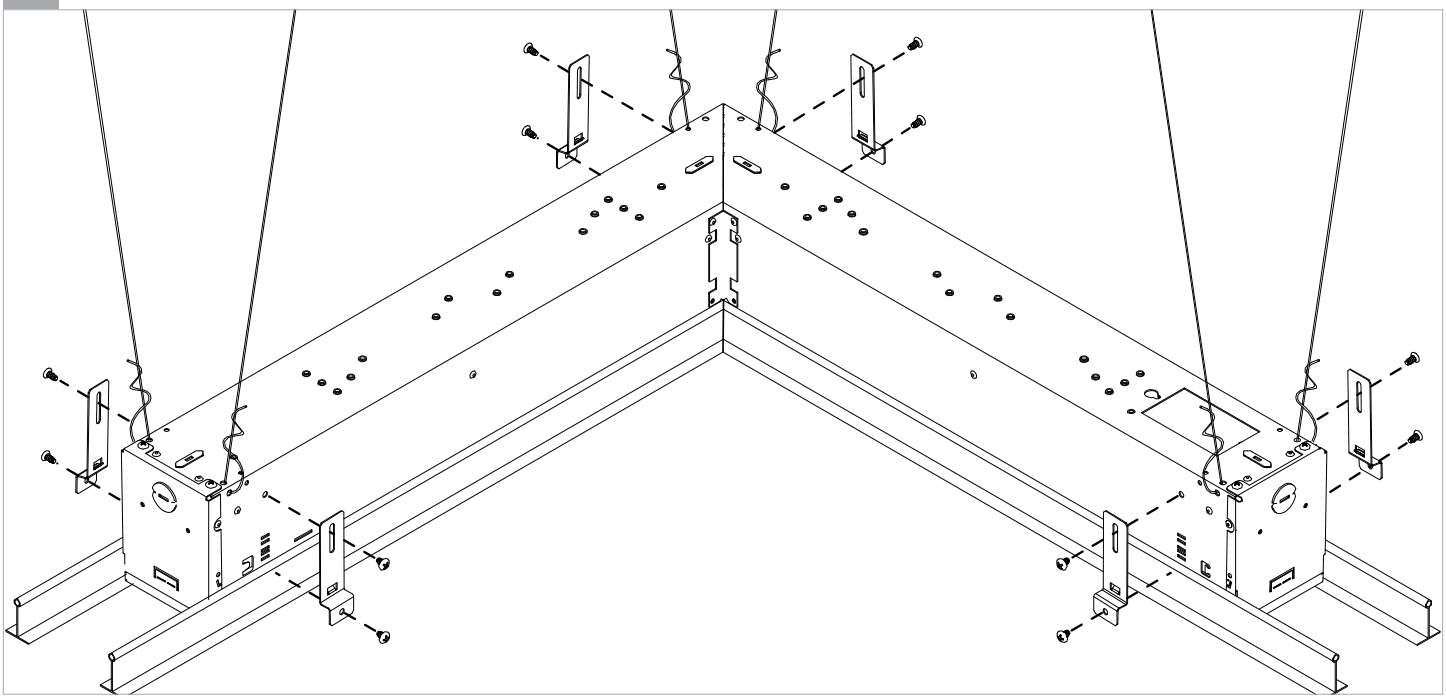
NOTCH 4



1. Insert ¼-20 threaded rod through obround knockout.
2. End of rod must be located 3 1/8" (79mm) – 3 1/2" (89mm) above grid plane as shown.
3. Using a 3/4" deep socket, fasten using supplied ¼-20 nut and washer. Position the waser to cover/seal the obround knockout opening.

NOTE:
Nuts and washers supplied in Joiner + Endcap Kits.

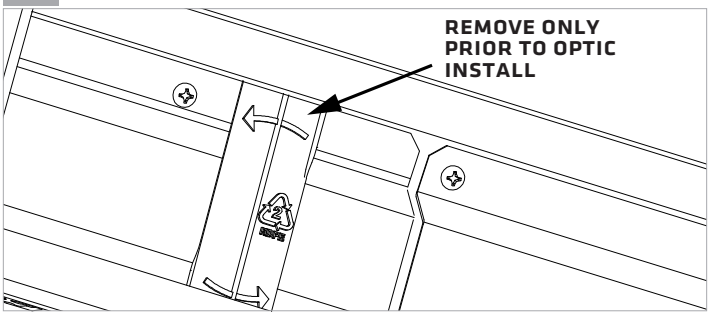
12 CORNER FIXTURE MOUNTING



1. Secure corner fixture to grid + structure per steps 10-11
2. Note each corner fixture requires 3 supports to structure [suspension wire or threaded rods].

OPTIC INSTALLATION

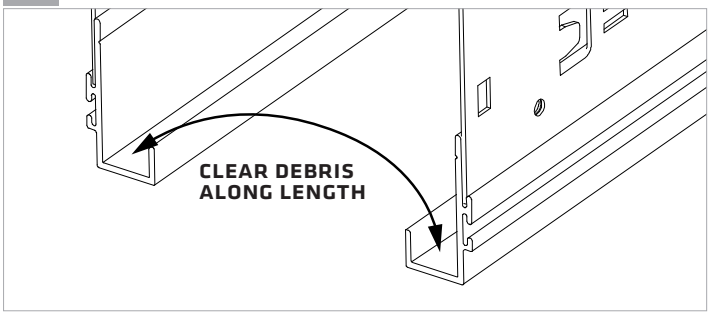
1 REMOVE GREEN CHANNEL SPACERS



Rotate and remove all green channel spacers once housing installation is completed.

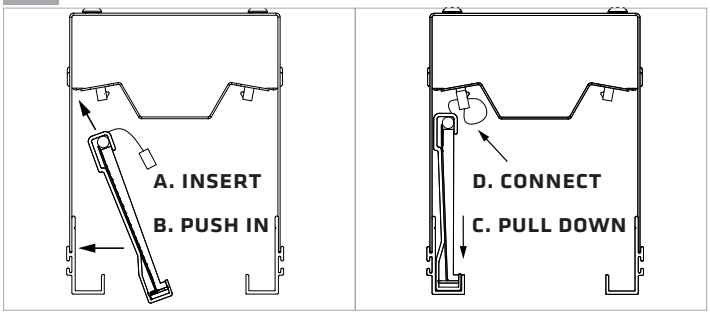
Do not remove prior to optic installation.

2 CLEAN EXTRUSION RAILS



Ensure inner extrusion rails are clean and free of construction debris. Any debris will prevent the optic from installing properly

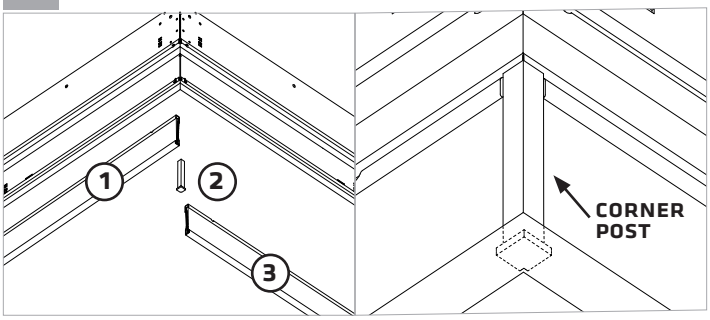
3A INSTALL OPTICS



1. Insert the optic into the fixture housing as shown.
2. Ensure the optic is fully seated in the extrusion rail.
3. Connect the low-voltage wire harness for each optic, and tuck wires into recess.
4. Repeat for other side.

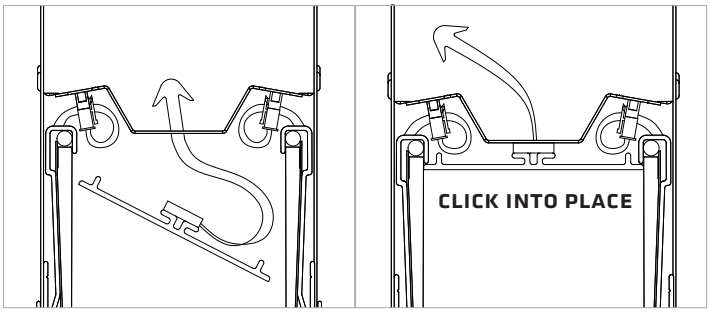
NOTE:
For 8ft fixtures, the 4ft nominal optic module lengths are not the same. Install the same length pairs at each fixture end for best aesthetics.

3B INSTALL OPTICS FOR CORNER



1. Install first inner optic
2. Install corner post
3. Install final inner optic
4. Install both outer optics

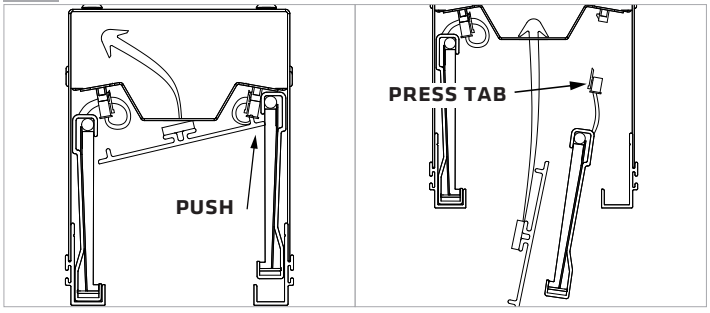
4 INSTALL MAGNETIC TOP REFLECTOR + APPLY POWER



1. Insert safety strap hook through driver cover slot.
2. Position magnetic top reflector in place.
3. Apply power to the circuit(s).

NOTE:
For 8ft fixtures, the 4ft nominal top reflector lengths are not the same. Ensure the top reflector lengths match the optic module lengths for best aesthetics. For multi housing runs, ensure each top reflector is centered within the housing length to ensure proper fit of last top reflector.

! OPTIC REMOVAL



1. Push top reflector upwards to release the magnets. Carefully lower the top reflector until suspended by the safety trap.
2. Disconnect wire harness by pressing locking tab and gently pulling on cable harness.
3. Lift optic module up and inward to remove optic module from housing.