



SnapPro™ | Linear, Surface & Wall Surface Mount

INSTALLATION INSTRUCTIONS

X1, X6 (T-BAR)



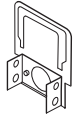
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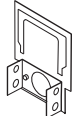
PARTS LIST PART NO. DESCRIPTION

FINISH PLATES

INSTALLED ON INDIVIDUALS / SHIPPED SEPARATELY ON ROWS



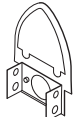
100614 S1 Square



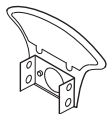
102519 Razor



100620 R1 Round

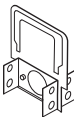


102521 Aero

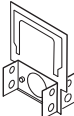


102522 Flair

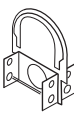
JOINERS:



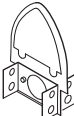
102523 S1 Square



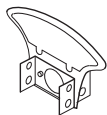
102524 Razor



102525 R1 Round



102526 Aero

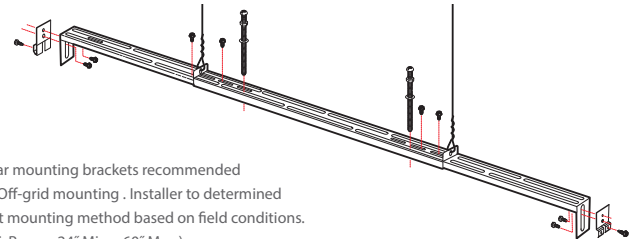


102527 Flair

PARTS LIST PART NO. DESCRIPTION

T-BAR MOUNTING RAIL ASSEMBLY (OPTIONAL FOR OFF-GRID MOUNTING):

101962



T-bar mounting brackets recommended for Off-grid mounting. Installer to determine best mounting method based on field conditions. (Adj. Range: 24" Min. - 60" Max.)



100-00283-14 1/4-20 x 5" Round Hd. MS SL Type F



100-00165-14 1/4-20 Hex Nut



100-00008-14 1/4" x 1/2" Washer

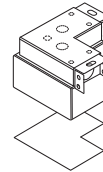


100-00086-14 #6 x 3/8" Tek Screw



— #6 X 3/8" PH Torx Tamper-Resistant Screw (Optional)

CORNER BOX & SNAP ON COVER: SHIPPED SEPARATELY



89646 90° Corner Assembly

LENSES

INSTALLED ON INDIVIDUALS / SHIPPED SEPARATELY ON ROWS

S1

RAZOR

R1

AERO

FLAIR



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08-05-2022



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INSTALLATION INSTRUCTIONS

X1, X2, X6 (T-BAR)

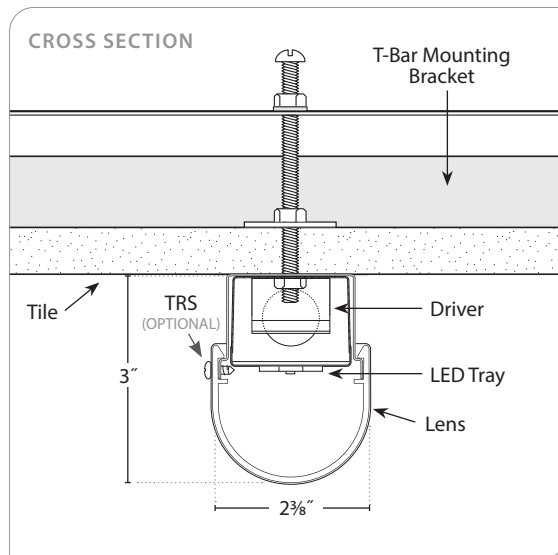


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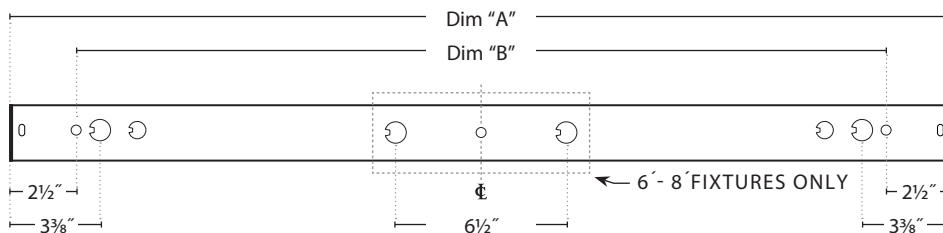
GENERAL INSTALLATION

- See row diagram or prudential Lighting plan layout (if provided).
Begin all row mounting from left to right (see arrows).
- Depending upon ceiling construction structural support may be required at mounting hole locations.
- For cable installation detail, see separate cable mounting instructions.
- If mounting off grid, optional 'T-Bar Mounting Rail Assembly' is available (see page 3).



MOUNTING LOCATIONS

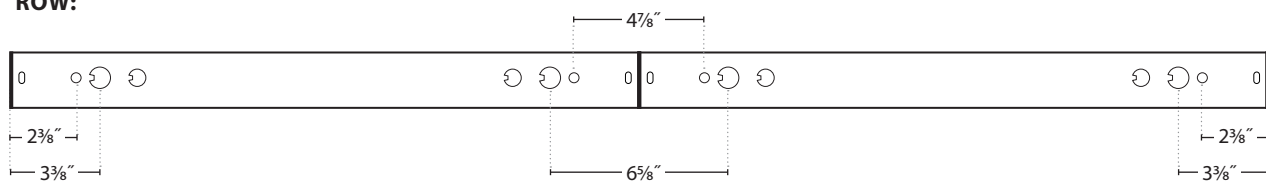
INDIVIDUAL: **ROW DIRECTION: INSTALL FROM LEFT TO RIGHT**



SURFACE MOUNT DIMENSIONS

FIXTURE	Dim "A"	Dim "B"
2'	24 1/4"	19 1/4"
3'	36 1/4"	32 1/4"
4'	48 1/4"	43 1/4"
5'	60 1/4"	55 1/4"
6'	72 5/16"	67 5/16"
7'	84 5/16"	79 5/16"
8'	96 5/16"	95 5/16"

ROW:



= 7/8" Wiring K.O. = 1/4" Mounting Hole

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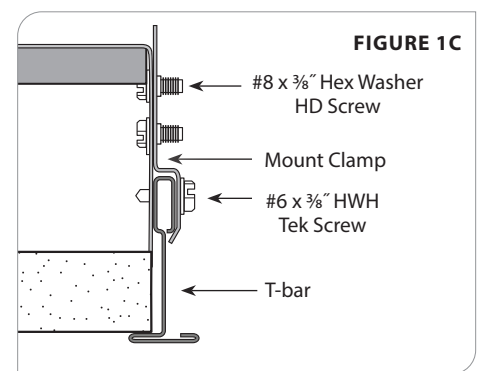
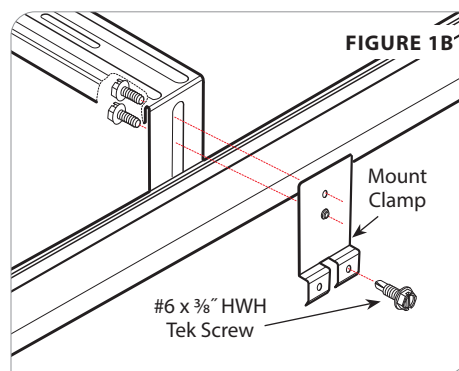
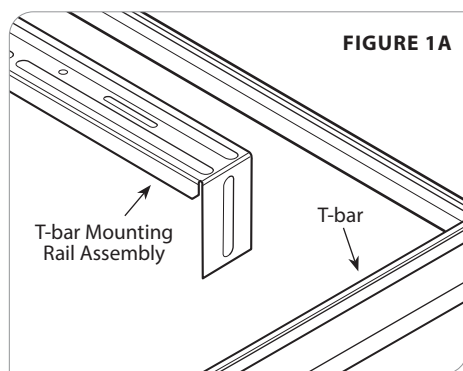
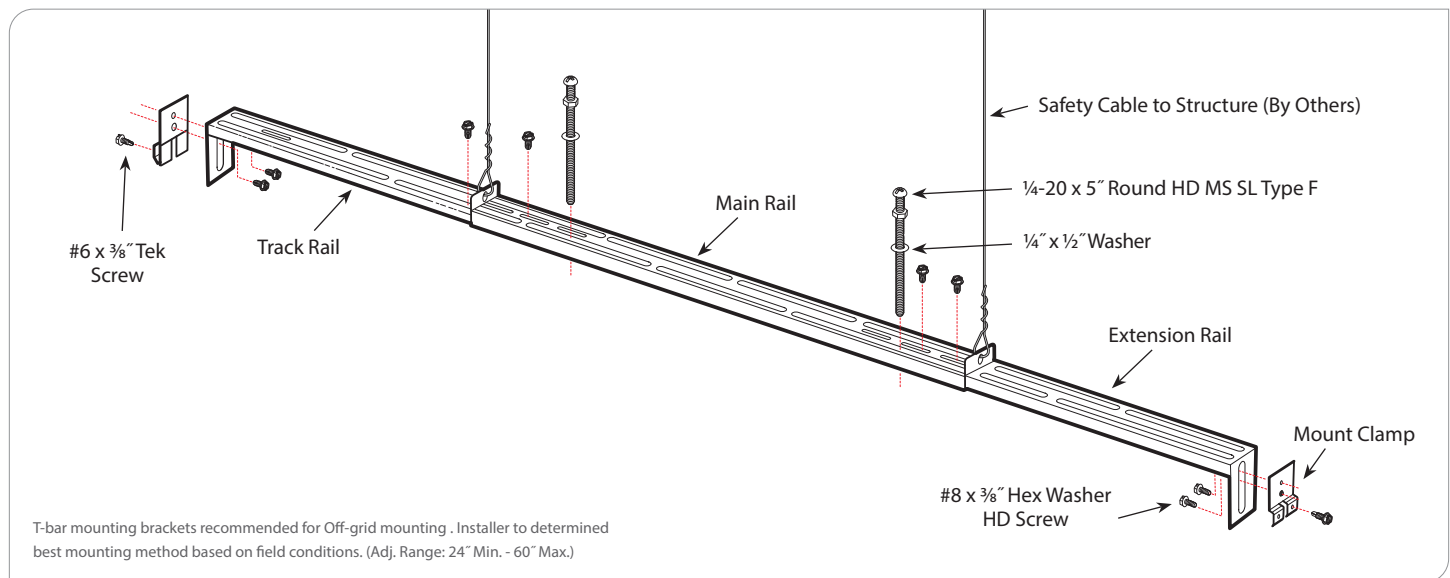


X1, X6 (T-BAR)



T-BAR MOUNTING RAIL ASSEMBLY (OPTIONAL)

1. Mark mounting dimensions on ceiling tile and drill (2x) $\frac{3}{8}$ " holes.
2. Extend t-bar mounting rail assembly (101962) to fit t-bar grid (figures 2A & 2B). (8-32 x $\frac{1}{2}$ " Washer HD screws may need to be removed to expand rails).
3. Place t-bar mounting rail assembly against inner wall of t-bar with clamps.
4. Secure assembly to t-bar with clamps (figures 1B & 1C).
5. Drive #6 x $\frac{3}{8}$ " Tek Screws through clamp and t-bar.
6. Use $\frac{1}{4}$ -20 x 5" Round HD. Mounting Screws at each mounting location. Adjust so screw protrudes ceiling tile by $\frac{1}{2}$ ".
7. Attach safety cable (by others) to rail assembly and secure to structure.



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X1, X6 (T-BAR)

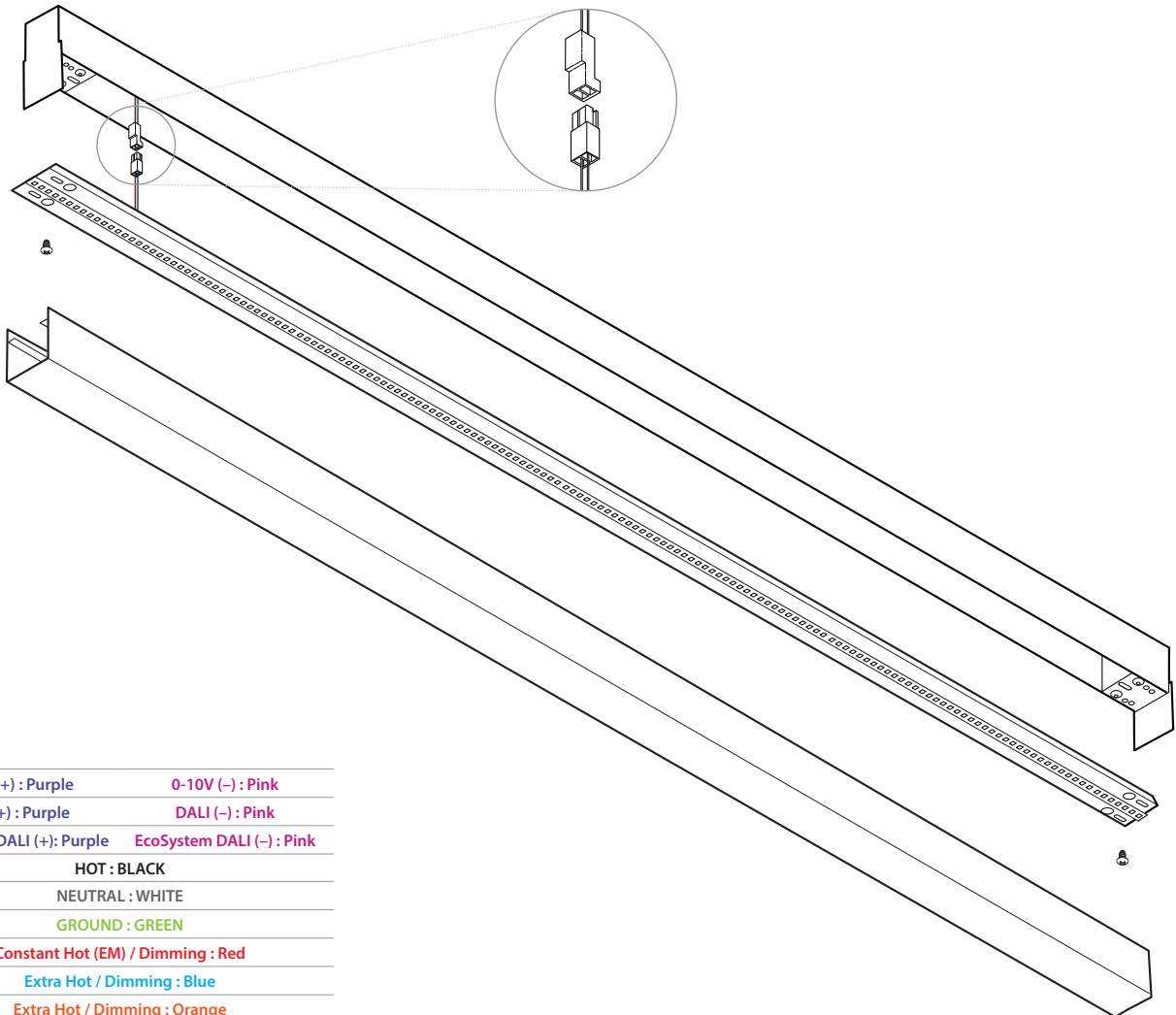


INDIVIDUAL

REFER TO PAGE 3 FOR OPTIONAL T-BAR MOUNTING RAIL ASSEMBLY

1. Remove Lens from fixture.
2. Unscrew LED tray from body and remove the LED tray by unplugging the LED lead wire disconnects on first fixture, remove LED Tray (figure 2).
3. Mount fixture to ceiling surface through ¼" diameter holes (mounting hardware provided by others) & make all electrical connections from ceiling to fixture (figure 4, page 5). For fixtures with internal EM drivers, **DO NOT** plug the connectors until after normal power has been applied to the fixture.
4. Re-install reflectors. Ensure no wires are pinched between trays and housing to avoid electrical and alignment issues.

FIGURE 2



WIRING:

0-10V (+) : Purple	0-10V (-) : Pink
DALI (+) : Purple	DALI (-) : Pink
EcoSystem DALI (+): Purple	EcoSystem DALI (-) : Pink
HOT : BLACK	
NEUTRAL : WHITE	
GROUND : GREEN	
Constant Hot (EM) / Dimming : Red	
Extra Hot / Dimming : Blue	
Extra Hot / Dimming : Orange	

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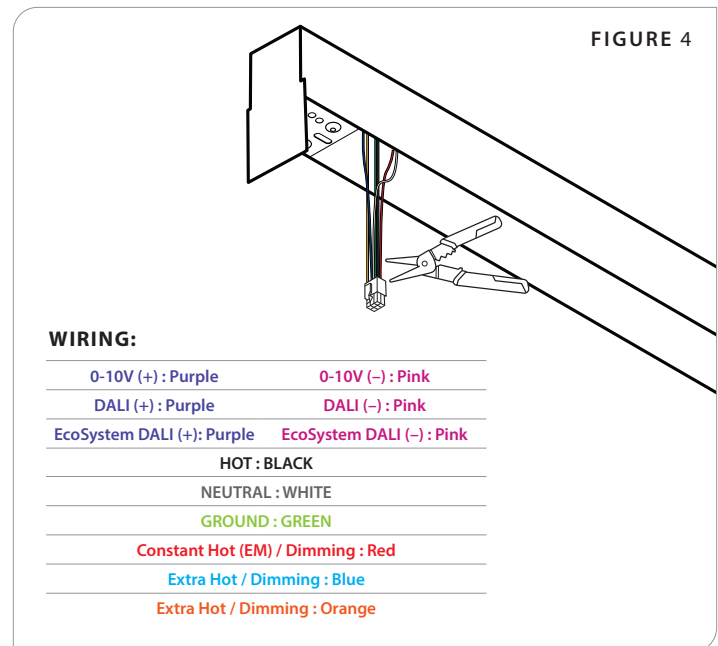
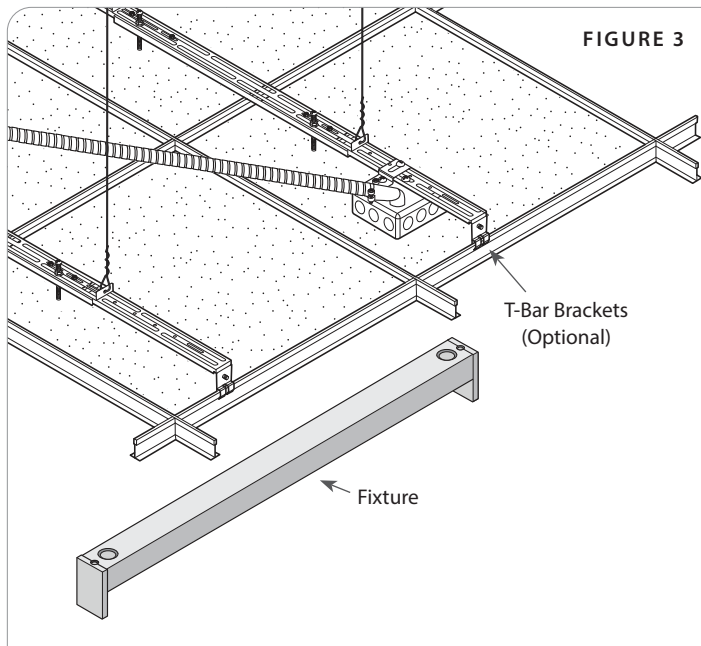
X1, X6 (T-BAR)



CONTINUOUS ROWS

REFER TO PAGE 3 FOR OPTIONAL T-BAR MOUNTING RAIL ASSEMBLY

1. Unscrew LED tray from body and remove the LED tray by unplugging the LED lead wire disconnects on first fixture, remove LED Tray (figure 2, page 4).
2. Cut lead end of the wire harness and strip wires. Make electrical connections (figure 4).
3. Remove reflector on all subsequent fixtures (intermediates and ends).
 - Install joiner on all intermediate fixtures.
 - Install finish plate on right end of end fixtures, push till it snaps in.
4. Join fixture by sliding left hand end onto joiner of previously installed fixture and secure to structure. Continue this until all fixtures in the row are installed
5. Plug circuit assembly together for wiring rest of row. If fixture has internal EM driver, **DO NOT** plug the EM driver connectors until power has been applied to the row.
6. Re-install reflectors. Ensure no wires are pinched between trays and housing to avoid electrical and alignment issues.
7. Re-install lenses.



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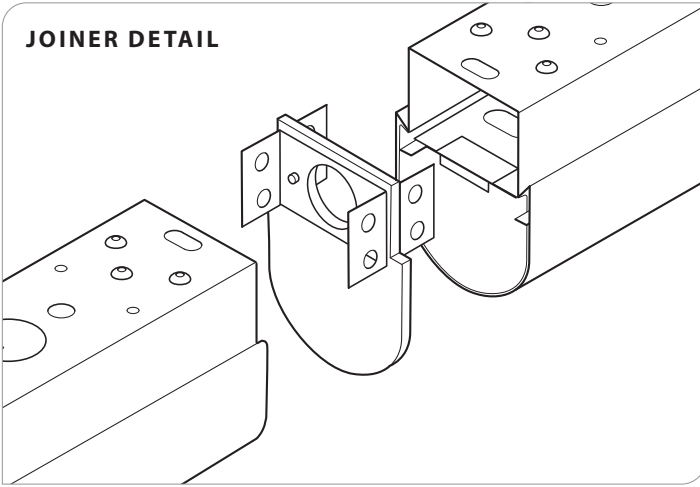
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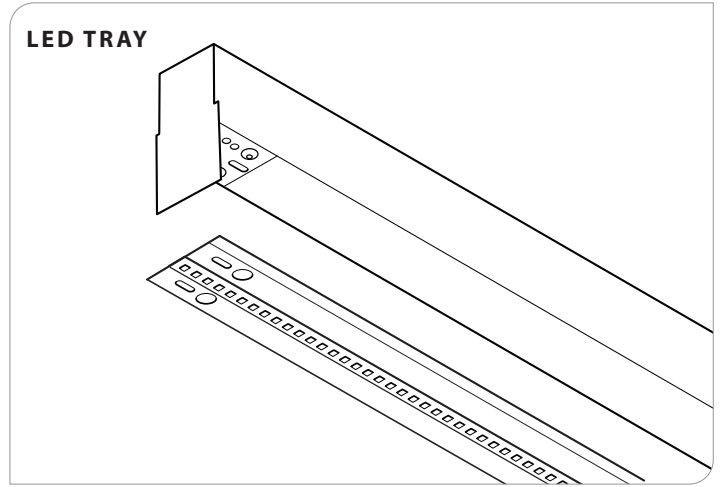
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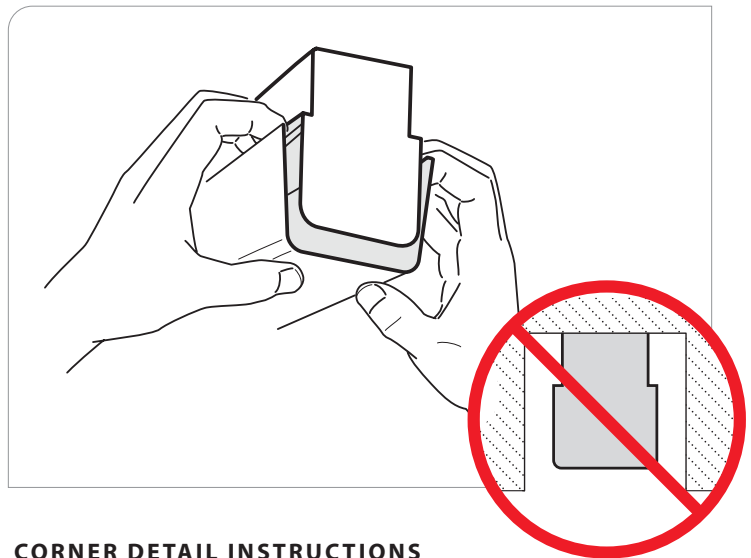
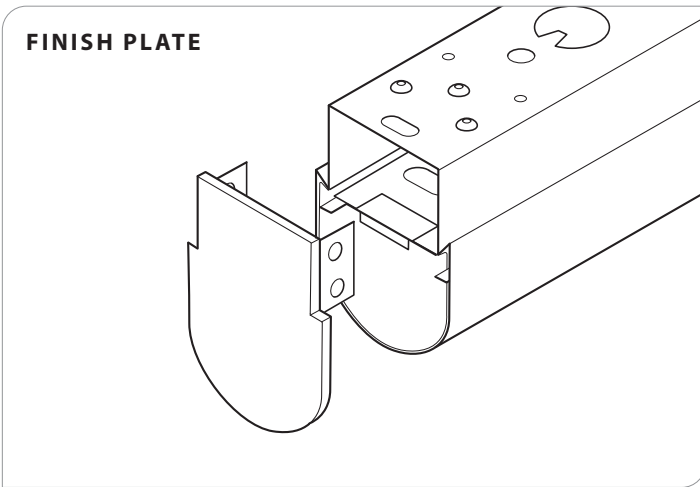
JOINER DETAIL



LED TRAY

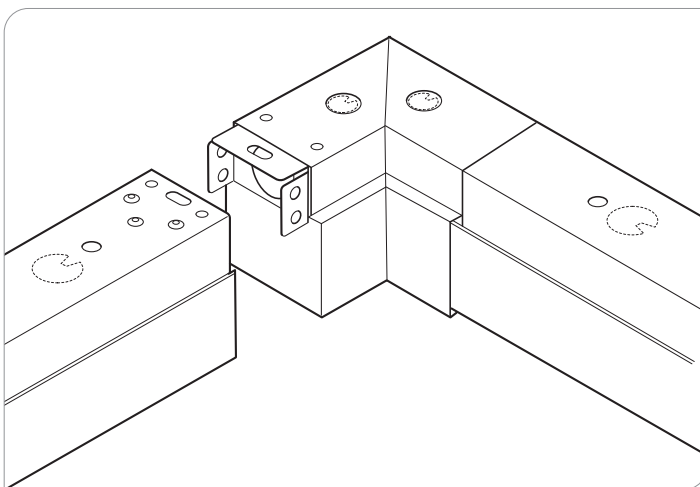


FINISH PLATE



CORNER DETAIL INSTRUCTIONS

1. Run circuit assembly quick connect from adjoining fixture into one end of corner box and out the other end.
2. Snap both legs of corner box into adjoining fixtures.
3. Snap-on bottom corner box cover.



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