

Wall Installation (WM)

This installation guide details the steps for installing Interspace light fixtures, specifically focusing on the wall only.

Key Installation Features

- No advanced site framing or coordination required.
- Simple and variable positioning avoids structural and mechanical obstructions.
- Factory assembled with integral line voltage drivers and Molex connectors—prewired modules eliminate on-site assembly, LED installation, wiring and soldering.
- Bring line voltage power to any driver or jumper location.



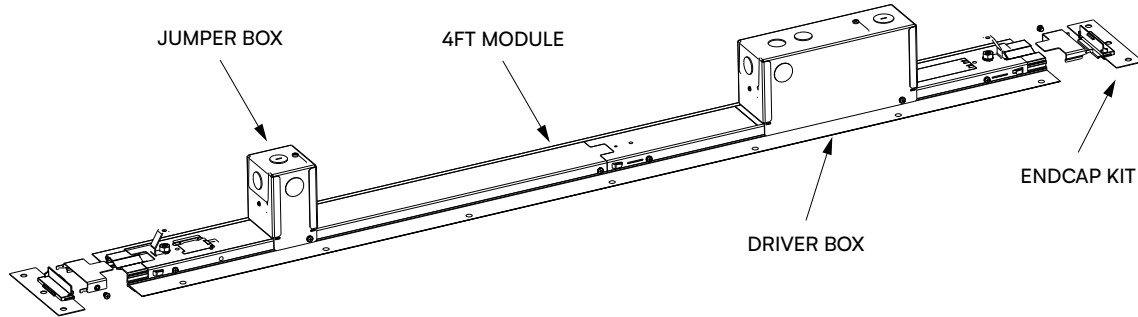
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Wall Installation (WM)

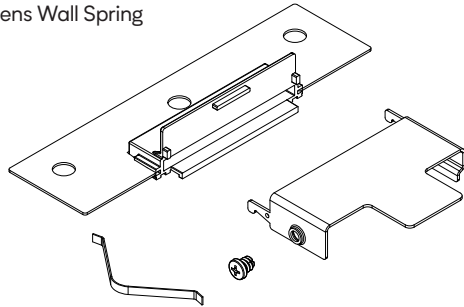
System Overview

+ Trimless (WM)



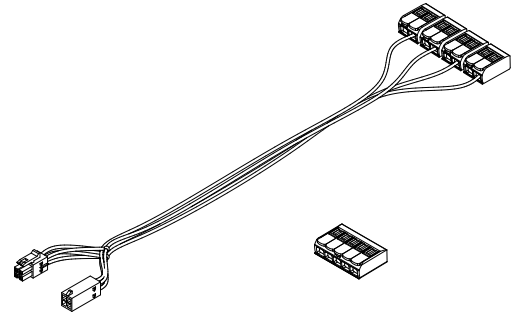
+ Wall Endcap Kit

- 1 x White Aluminum Diecast Endcap
- 1 x 10-32 Screws
- 1 x Endcap Joiner
- 1 x Lens Wall Spring



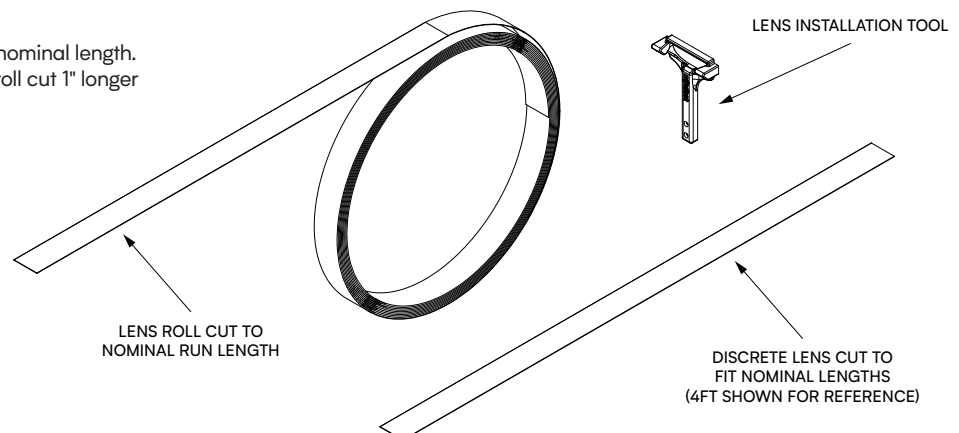
+ Power Drop Kit

- 1 x Wire Harness
- 4 x 2-Lever WAGOs
- 1 x 5-Lever WAGO



+ Lens + Lens Install Tool

NOTE: For discrete the lens comes cut to nominal length. For continuous runs, the lens comes on a roll cut 1" longer than the nominal run length.



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Information

Important

- Read all instructions including wiring and mechanical details before the start of the installation.
- Install in accordance with the local and national building and electrical codes.
- Do not join fixtures on the ground and raise them into place. This will damage the fixtures due to the significant forces on the joining brackets.
- Fixture through wiring is 18 AWG. Calculate maximum row length per fixture watts per foot and local and national building codes.
- Contact the factory if you require assistance or have questions.
- CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR. / CONSULTER UN ÉLECTRICIEN QUALIFIÉ POUR VOUS ASSURER QUE LES CONDUCTEURS DE LA DÉRIVATION SONT ADÉQUATS.



Tools & Materials Required

Tools:

- #2 Phillips Screwdriver
- Flat Head Screwdriver
- Pliers
- Drywall Cutting Tool
- Lens Installation Tool (Provided)
- Adjustable Wrench

Materials:

- #6 Bugle head drywall screws (by others)
- Drywall Tape (by others)
- Mud Plaster (by others)
- 2" and/or 3" sheet metal screws (by others for securing to stud and blocking)
- Wire Nuts (by others)
- Blocking Material (by others)



Safety Warnings

- **Shock hazard!** Fixtures must be connected to building ground via provided ground wire before connecting to main supply power.
- Disconnect or turn off power supply before attempting any installation maintenance or servicing operations.
- **CCEA applications** driver box and jumper box **can not** be adjusted.

Wall Preparation

1 Layout Planning & Wall Preparation

As per the layout drawings, plan locations for fixture mounting and power connect locations.

NOTE: During planning, identify locations of obstructions in the path of the installation.

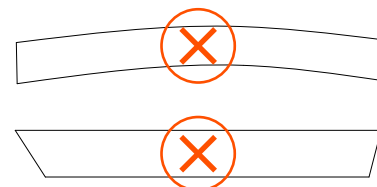
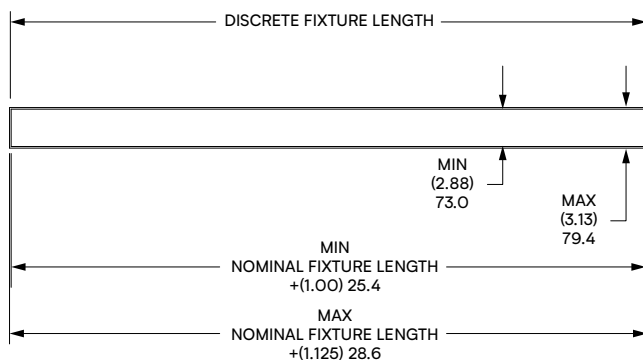
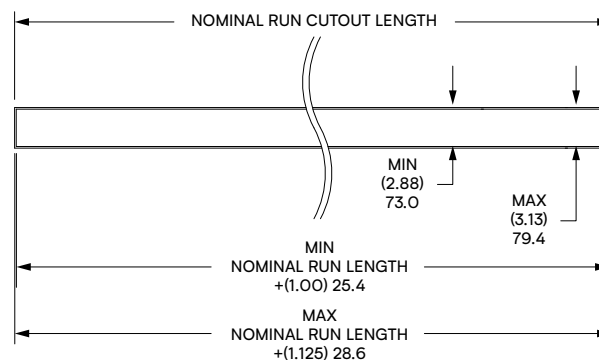
The driver or jumper boxes can be adjusted accordingly if required prior to power installation and fixture installation steps.

NOTE: Instructions on driver box adjustments can be found in: "NT2 Install Flangeless Mud-In (CM)" or "NT2 Install Trim Flange (CT)" under "**Additional Steps**" section.

Wall Installation (WM)

2 Install GWB + Cutout Openings as per Layout Drawings and Predetermined Planning

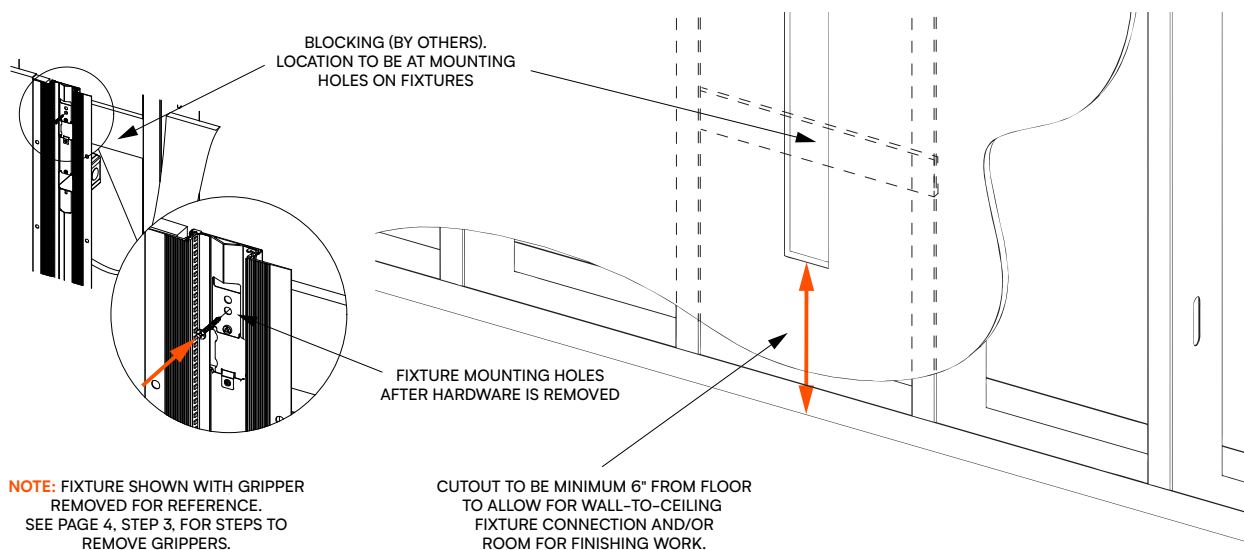
- Recommend using appropriate tools to outline specific wall cutout dimensions and locations to ensure straightness of the cuts.
- Avoid cutting uneven cuts and curves over the length.
- Proper care to ensure straightness of cuts with accuracy is important in the drywall to avoid rework and for proper fit and function of the Interspace Lighting fixtures.
- For patterns refer to layout drawings for cut lengths.



3 Wall Fixture Cutout + Blocking Locations

Maintain a minimum of 6 inches above the floor to allow space for base finishing work.

Install blocking to support wall fixture(s) in accordance with local building and electrical codes. Blocking to be placed at locations of mounting hole(s) on fixtures. Mounting hardware is to be removed prior to installation. There are two mounting holes at each end of the fixture. First hole is 52 mm (2.05 in), second hole is 62 mm (2.45 in) from the end of the fixture.



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Installation Steps

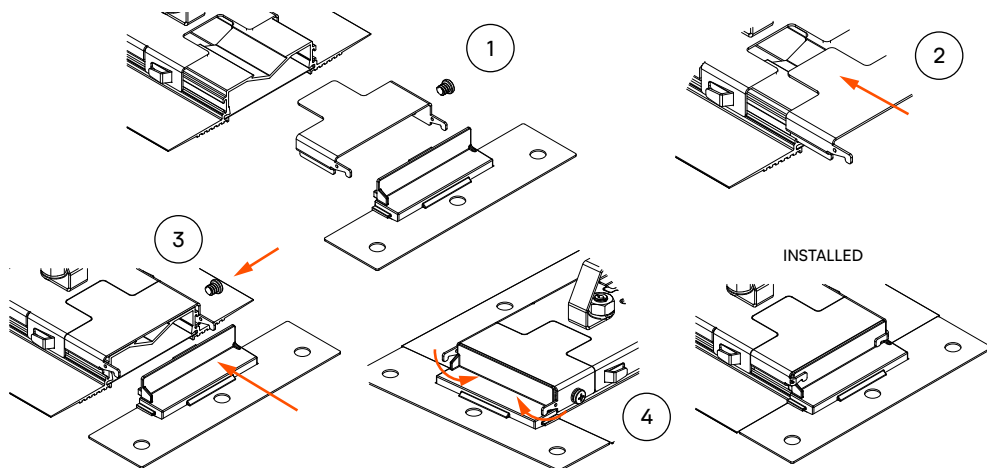
1 Place Boxes

Place boxes on ground below location as per layout drawings. Unpack fixture from packaging. Do not remove protective plastic or any care labels during installation..

2 Install Endcap(s)

1. Install end cover onto extrusion.
2. Hand tighten with screw.
3. Install diecast endcap into end.
4. Secure in place by folding over tabs onto back face of diecast endcap.

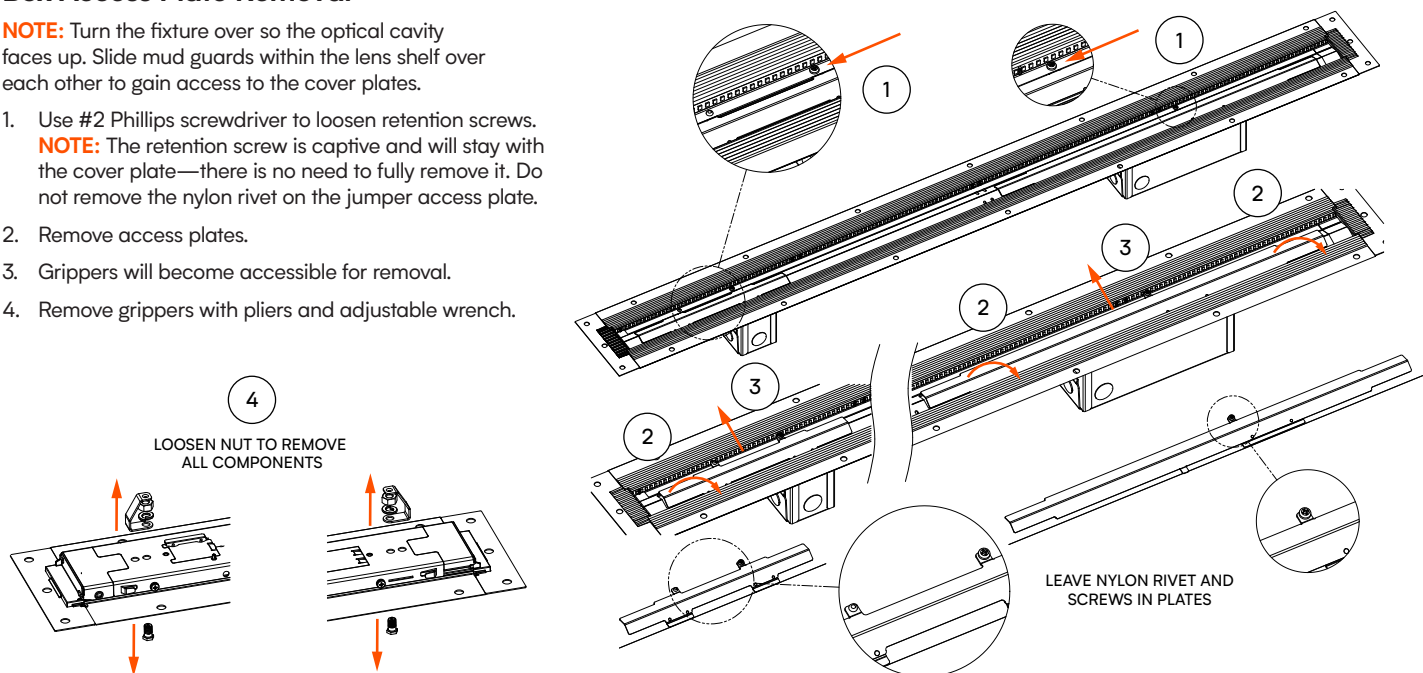
NOTE: For a continuous run installation, the endcaps only need to be installed on the starter fixture and end fixture.



3 Driver Box Access Plate + Jumper Box Access Plate Removal

NOTE: Turn the fixture over so the optical cavity faces up. Slide mud guards within the lens shelf over each other to gain access to the cover plates.

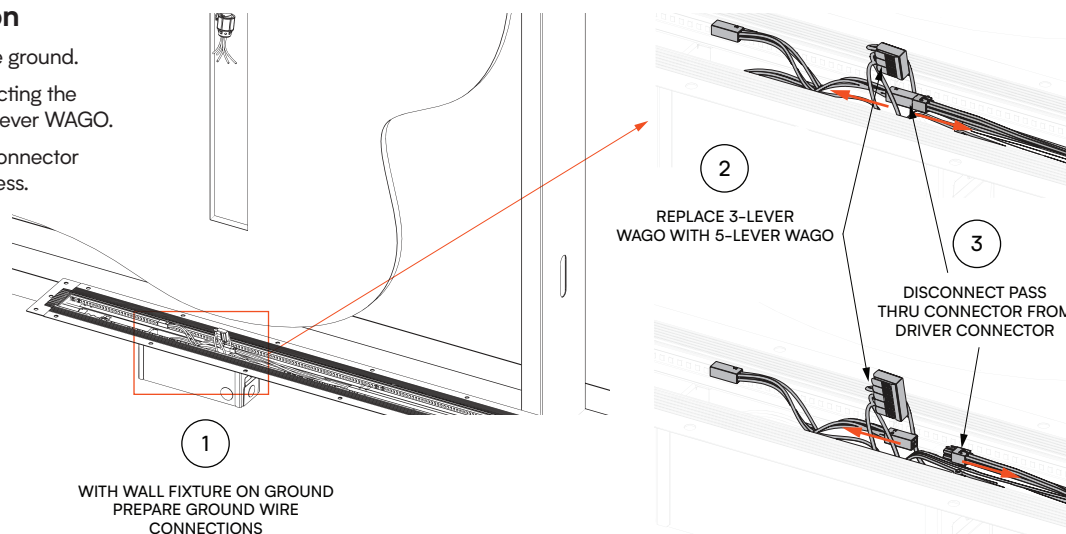
1. Use #2 Phillips screwdriver to loosen retention screws.
NOTE: The retention screw is captive and will stay with the cover plate—there is no need to fully remove it. Do not remove the nylon rivet on the jumper access plate.
2. Remove access plates.
3. Grippers will become accessible for removal.
4. Remove grippers with pliers and adjustable wrench.



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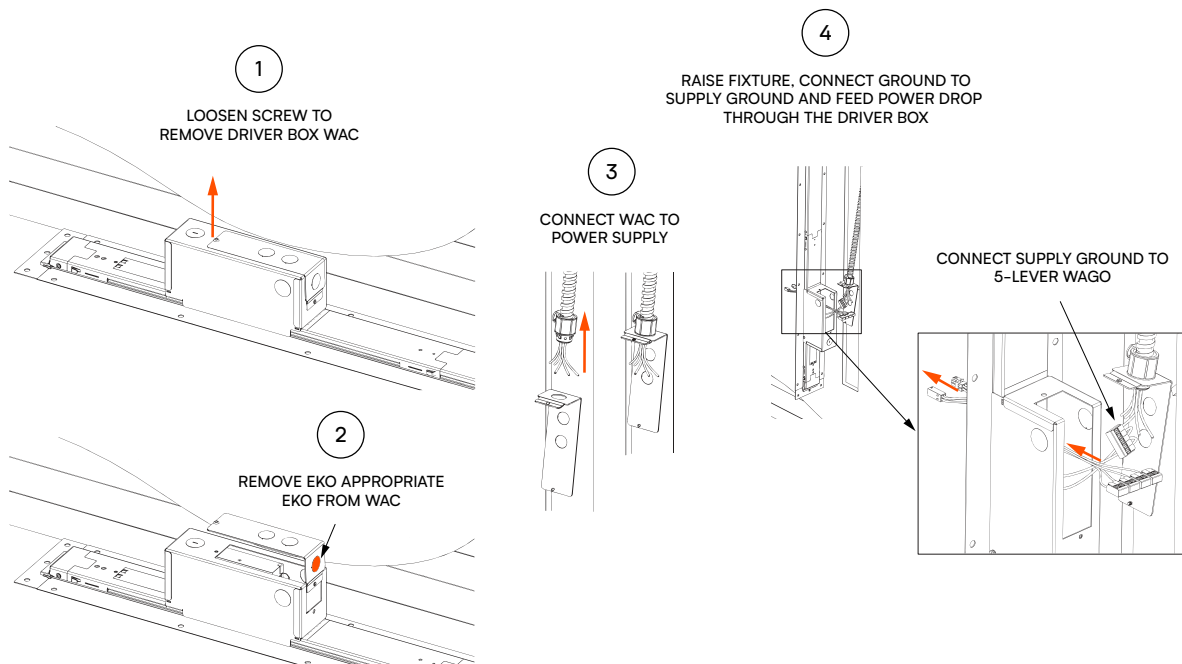
4 Gather the Power Drop Kit and Make Ground Connection

1. Start with the wall fixture on the ground.
2. Replace 3-Lever WAGO connecting the ground wires with provided 5-Lever WAGO.
3. Disconnect the pass-through connector from the driver connector harness.



5 Prepare Power Connections

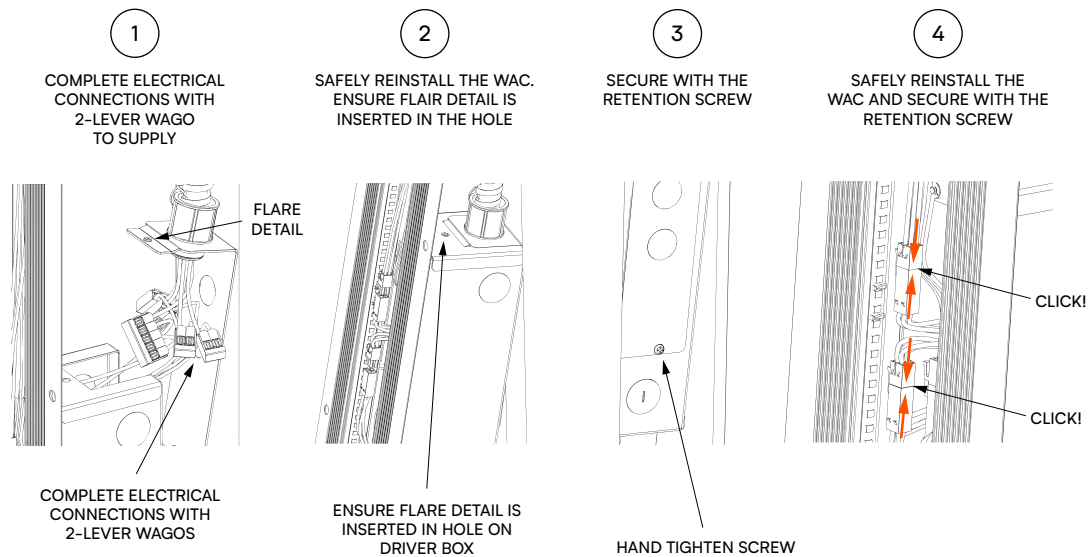
1. Loosen captive screw from driver box to remove wire access cover (WAC) from driver box.
2. Remove appropriate EKO on the driver WAC. (Recommend to use the EKO on the WAC shown in the image).
3. Install driver WAC onto an armored cable, quick connect shown for reference.
4. Raise fixture to supply power, feed ground 5-Lever WAGO through driver box and connect ground to supply ground first. Next feed power drop harness through driver box opening.



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6 Complete Connections and Raise Into Place (WM)

1. Connect the 2-Lever WAGOs to complete electrical connections to supply.
2. Safely feed the connected wires into the driver box and reinstall the WAC.
3. Secure the WAC to the driver box with the retention screw.
4. Complete connection of power drop harness to driver and pass through harness.



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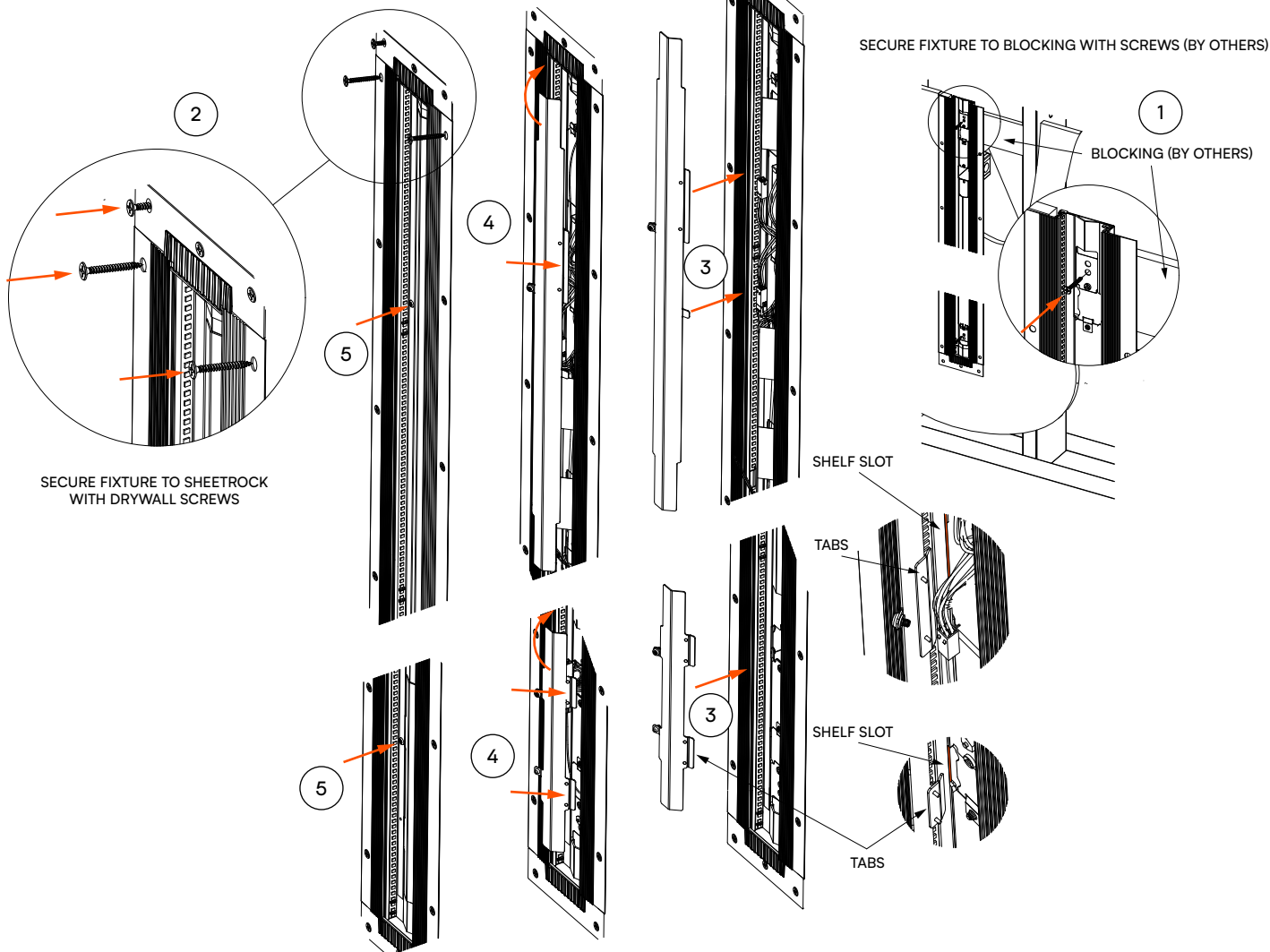
7 Secure Fixture to Wall and Reinstall Access Cover Plates

1. Secure fixture to preinstalled backing at the removed gripper locations.
2. Secure to the wall with #6 drywall screws (by others) in holes along trim and on end cap flanges.
3. Safely tuck wires into the driver cavity and jumper box cavity.
4. Reinstall cover plates, slot the non-screw side with the tab(s) into the shelf slot and rotate to flush.
5. Ensure all wires are safely tucked in before securing in place with the provided screw.



CAUTION
TAKE CARE NOT TO
PINCH OR TRAP WIRES WHILE
SECURING FIXTURE TO STRUCTURE.

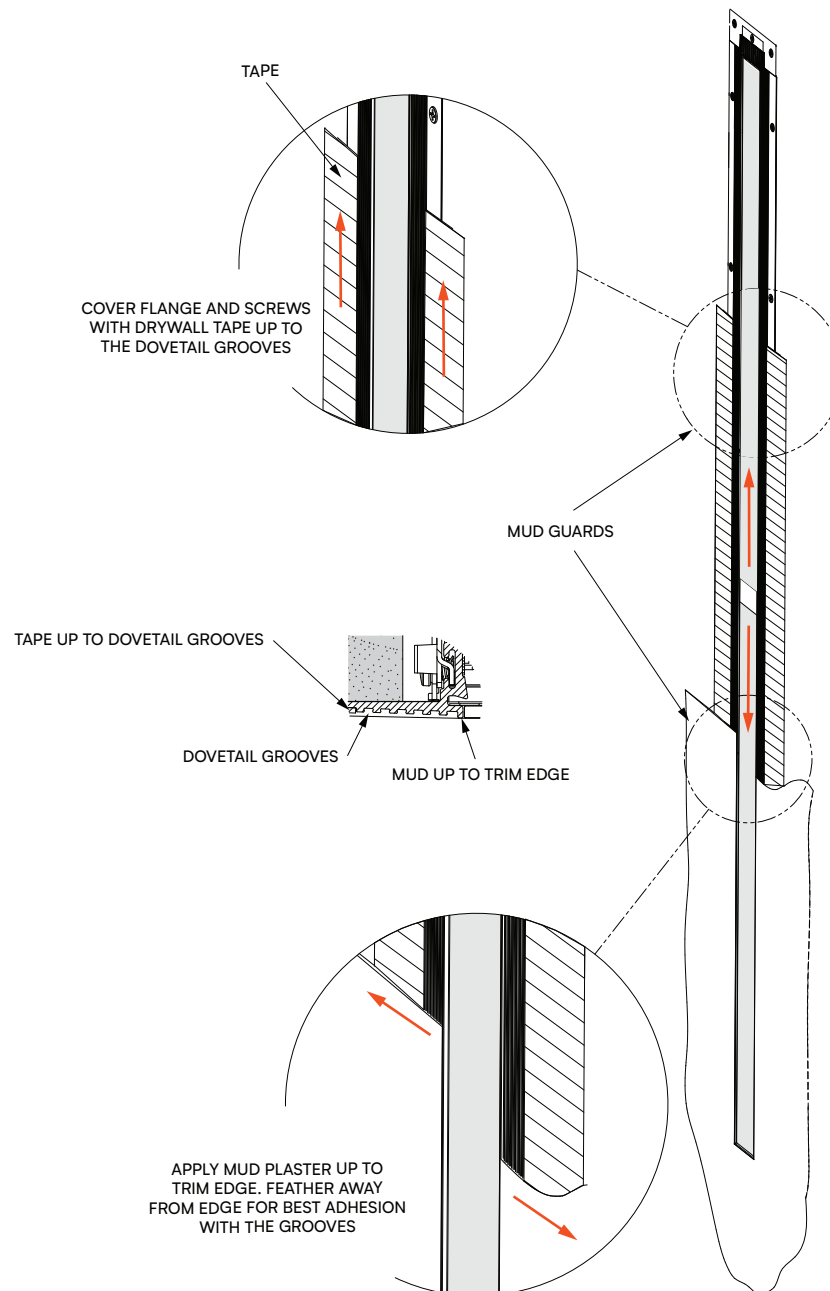
SECURE FIXTURE TO BLOCKING WITH SCREWS (BY OTHERS)



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8 Secure Fixture with Drywall Screws + Apply Drywall Tape + Apply Plaster (WM)

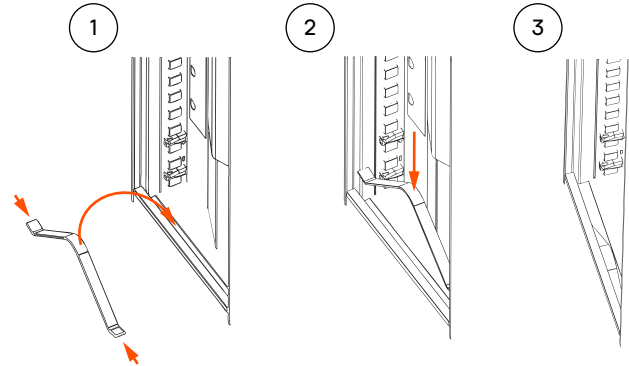
1. Slide the mud guards back into position.
2. Apply drywall tape to cover the screws up to the rib detail on the flanges.
3. Apply mud plaster up to trim edge and feather away from the edge for best adhesion of the mud plaster in the grooves.
4. Complete all wall finish work before installing the lens.



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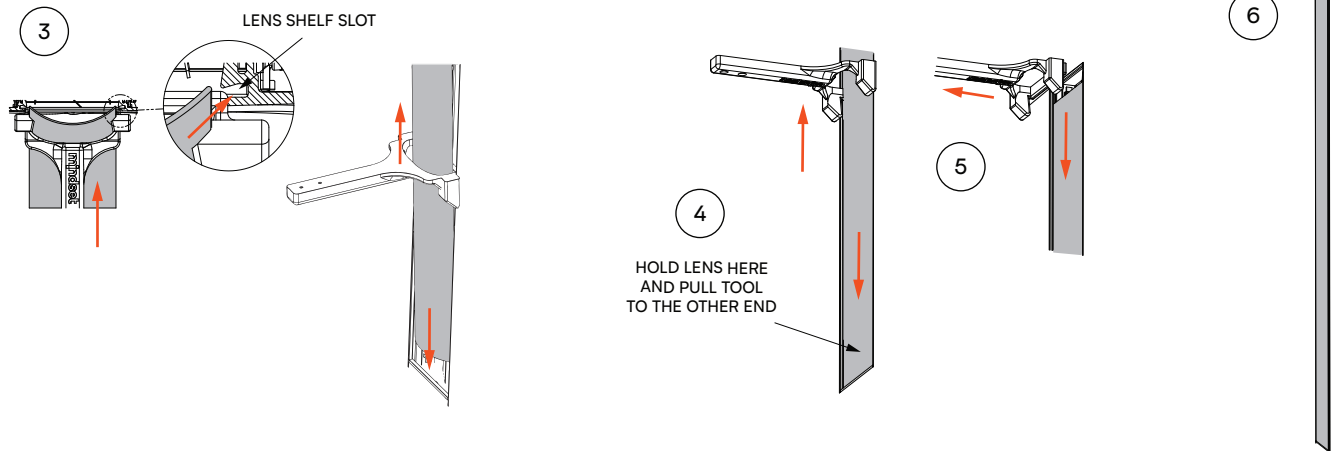
9 Install Wall Lens Spring

1. Gather wall lens and the lens wall spring (from the wall endcap kit).
2. Install lens wall spring into the base of the wall endcap (make note of the orientation of the spring).
3. Insert the lens wall spring into the endcap pocket to rest.



10 Install Wall Lens

1. Gather the lens and the lens install tool.
2. Insert the lens into the tool, orientation of the tool is to be noted.
3. Guide the lens edge into the lens shelf slot, so the tool enters the optical cavity.
4. Lower the lens into the endcap pocket. Move the tool up towards the ceiling.
5. Once at the end of the fixture, gently push the lens down to depress the spring and remove the lens tool.
6. Allow the lens to raise into the endcap pocket at the top.



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