edge evolution wet
Installation Instructions



pinnacle architectural lighting

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Designed in Denver, CO • USA | pinnacle-ltg.com | O: 303-322-5570 | F: 303-322-5568

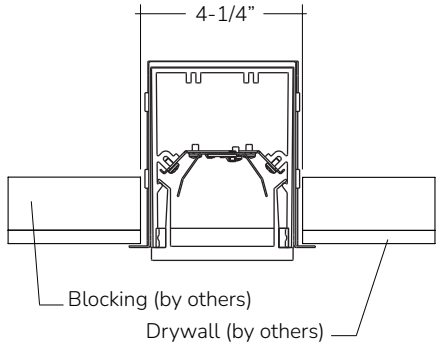
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DISCLAIMERS | All of Pinnacle's packaging is recyclable with the exception of the straps on the pallets. Please reach out to the factory if you need assistance in recycling any packaging components. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product. Minimum 90° C supply conductor. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes. Damaged components must never be used. Contact Pinnacle prior to making any fixture alterations. Contact Pinnacle with any installation questions or field issues.

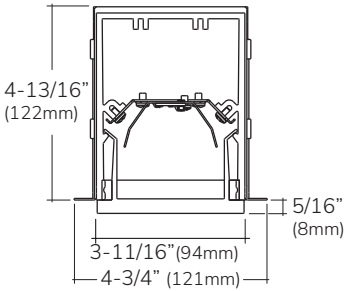
1 Layout Dimensions

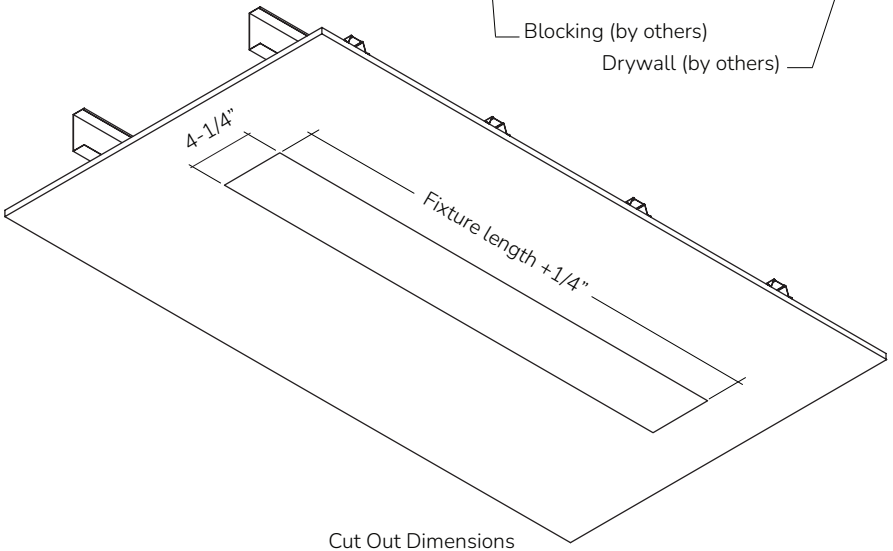
1. Layout fixtures and blocking locations.
2. Layout and install junction boxes and whip out.
3. Install blocking to structure using rough in dimensions.
4. Install ceiling material.
5. Cut out the fixture/row rough-in.

Minimum wall opening = 4”
Recomended wall opening = 4-1/4”



Cross Section View



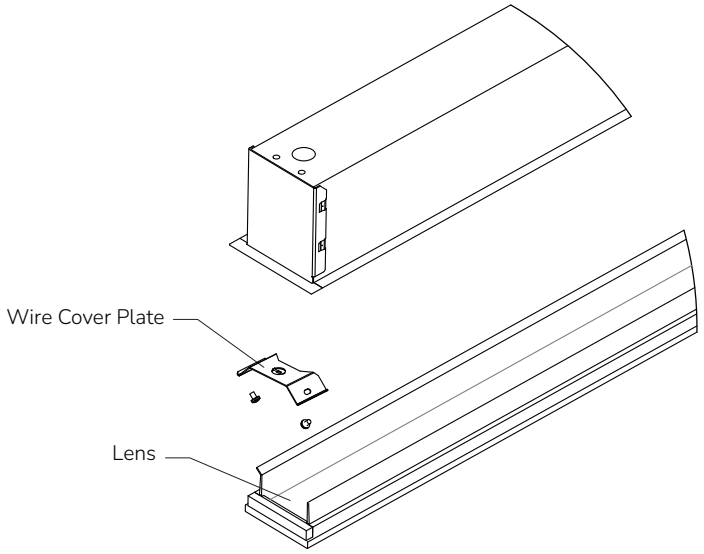


Cut Out Dimensions

NOTE | LED Module does not need to be removed for installation

2 Fixture Prep

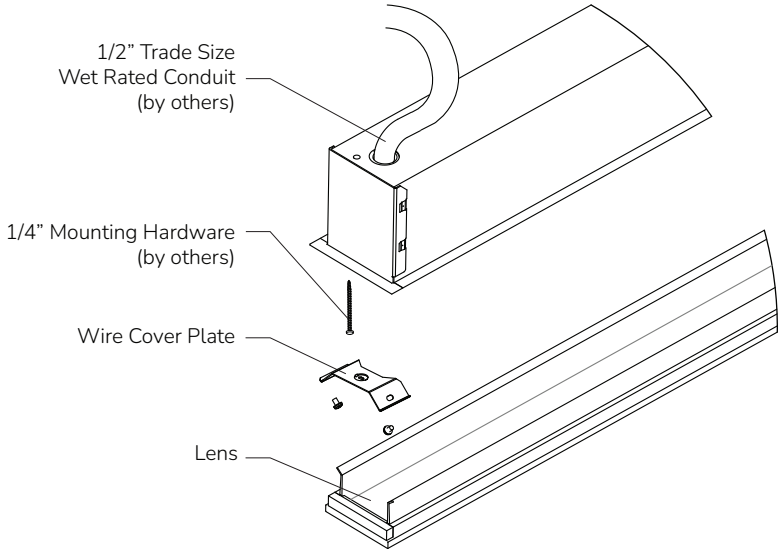
1. Ensure proper support behind fixture (see chart on last page for mounting locations)
2. Using flat thin tool carefully remove Lens so as not to damage lens or fixture.
3. Remove Wire Cover Plate.



3 Mounting + Power

1. Install Wet rated Conduit fitting (by others).
2. Install fixture using 1/4” mounting hardware, one (1) at each end of fixture. (hardware by others).
3. Make necessary connections between fixture and building power using wet rated flex conduit ensuring all wires are properly matched.
4. Reinstall Wire Cover Plate and lens.

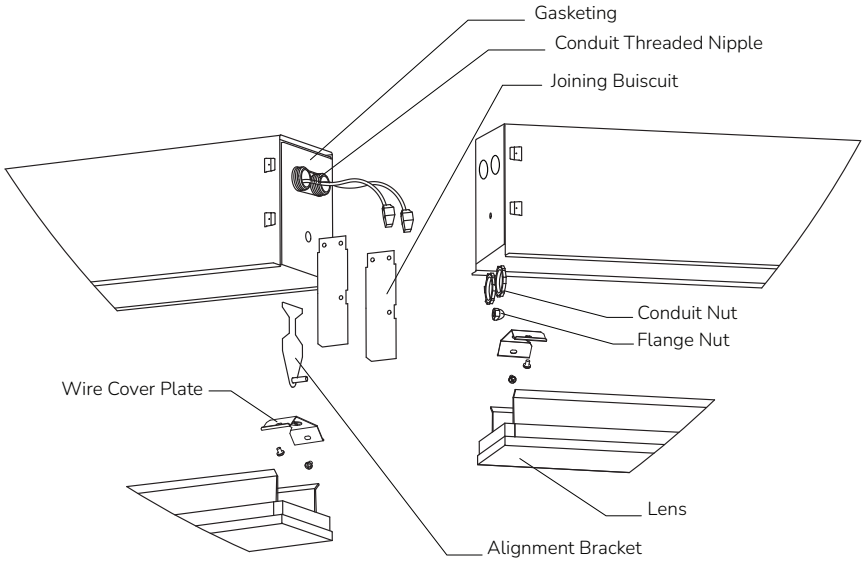
(Note: If joining fixtures to make a row, all fixtures in row required mounting hardware at both ends of fixture.)



NOTE | LED Module does not need to be removed for installation

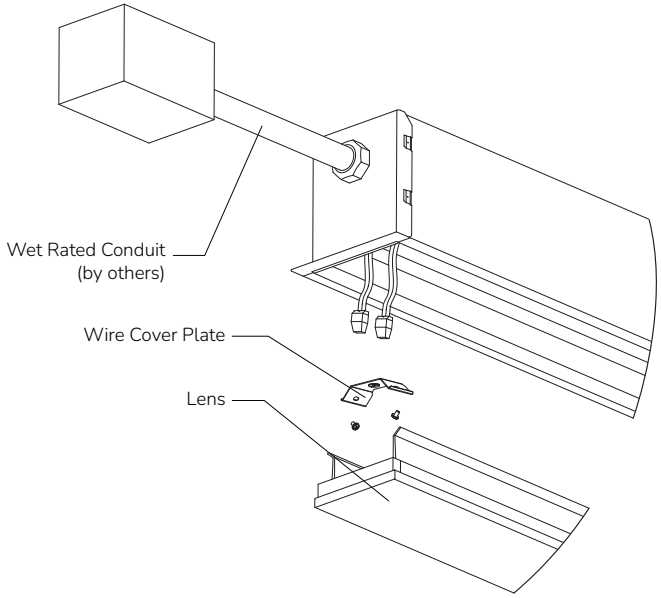
4 Connecting Fixtures Together (Optional)

1. Remove Lenses and Wire Cover plates (use flat tool to remove lens).
2. Run wires through the Conduit Nipple and the Conduit Nuts prior to wiring fixtures together.
3. Make necessary wiring connections between fixtures ensuring all wires are properly matched.
4. Slide fixtures together, use Joining Biscuits to align fixtures.
5. Install Alignment Bracket, use to hold Conduit Nipples while tightening fixtures together.
6. Reinstall Wire Cover Plates and Lenses.

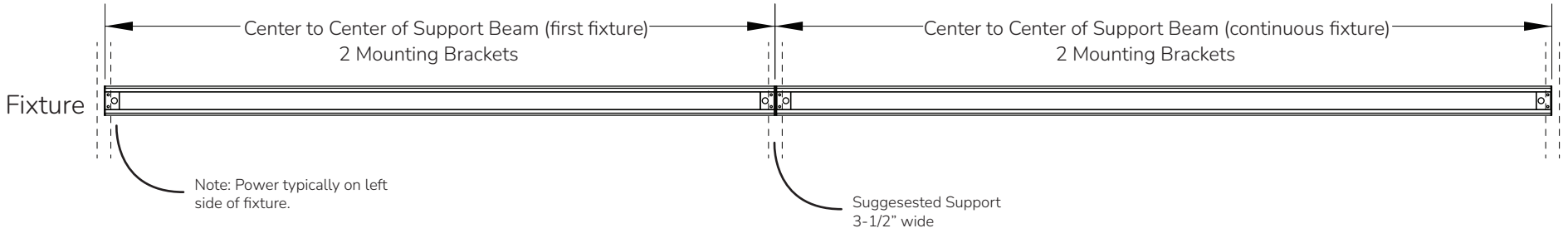


5 End Feed (Optional)

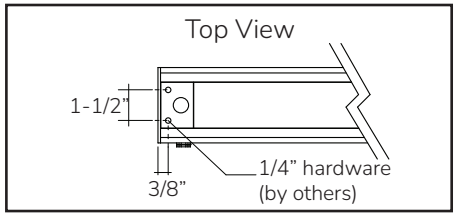
1. Remove Lens and Wire Cover plates (use flat tool to remove lens).
2. Connect Wet Rated 1/2” conduit to end of fixture.
3. Pull wires through and make necessary wire connections.
4. Reinstall wire cover and lens.



NOTE | LED Module does not need to be removed for installation



Mounting Details



Use one mounting hole at each mount location.

First/Independent Fixture Mounting Example	
2'	27-1/8" center to center of support
3'	39" center to center of support
4'	50-3/4" center to center of support
5'	62-5/8" center to center of support
6'	74-5/8" center to center of support
7'	86-1/2" center to center of support
8'	98-3/8" center to center of support

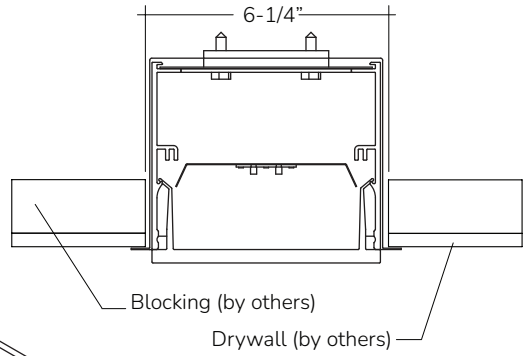
Intermediate/End Fixture Mounting Example	
2'	27-1/8" center to center of support
3'	39" center to center of support
4'	50-3/4" center to center of support
5'	62-5/8" center to center of support
6'	74-5/8" center to center of support
7'	86-1/2" center to center of support
8'	98-3/8" center to center of support

NOTE | LED Module does not need to be removed for installation

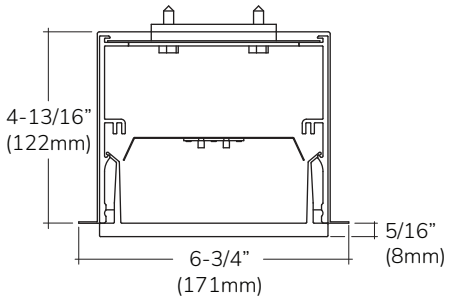
1 Layout Dimensions

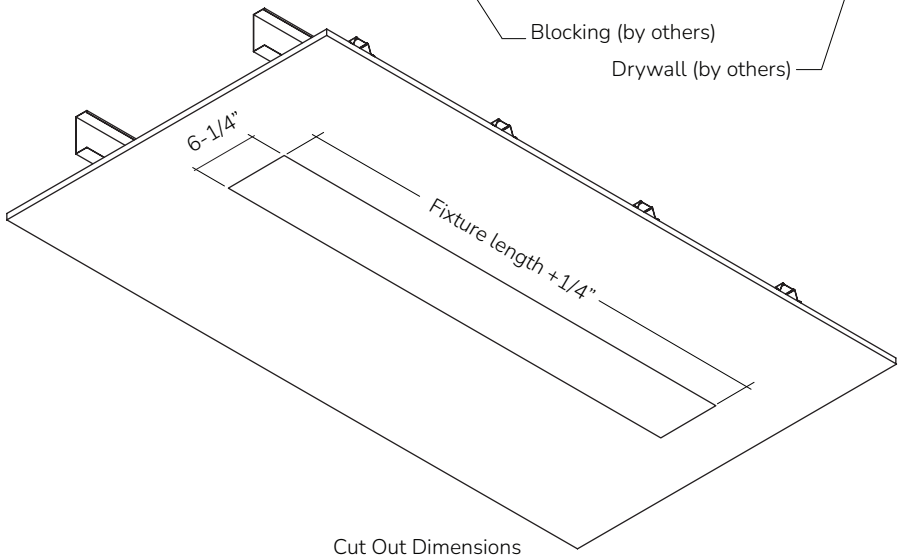
1. Layout fixtures and blocking locations.
2. Layout and install junction boxes and whip out.
3. Install blocking to structure using rough in dimensions.
4. Install ceiling material.
5. Cut out the fixture/row rough-in.

Minimum wall opening = 6”
Recomended wall opening = 6-1/4”



Cross Section View



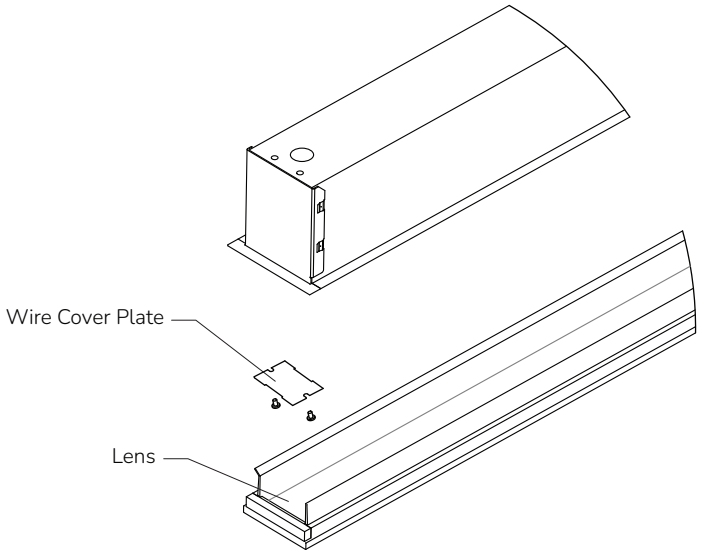


Cut Out Dimensions

NOTE | LED Module does not need to be removed for installation

2 Fixture Prep

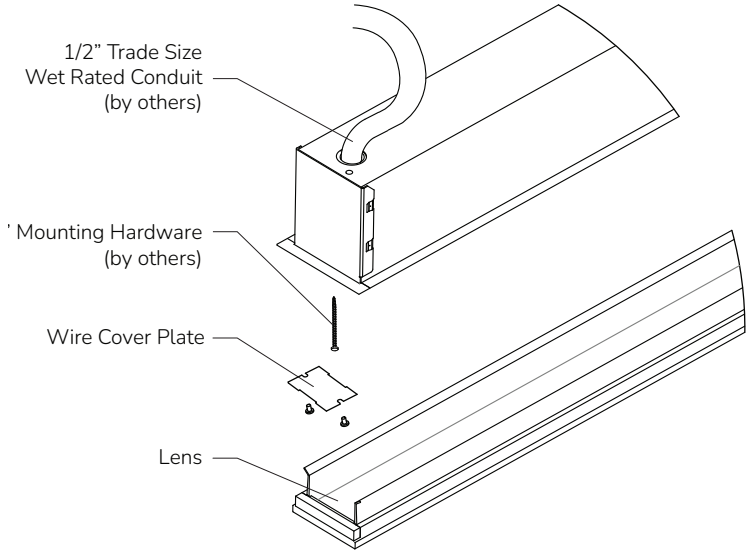
1. Ensure proper support behind fixture (see chart on last page for mounting locations)
2. Using flat thin tool carefully remove Lens so as not to damage lens or fixture.
3. Remove Wire Cover Plate.



3 Mounting + Power

1. Install Wet rated Conduit fitting (by others).
2. Install fixture using 1/4” mounting hardware, one (1) at each end of fixture. (hardware by others).
3. Make necessary connections between fixture and building power using wet rated flex conduit ensuring all wires are properly matched.
4. Reinstall Wire Cover Plate and lens.

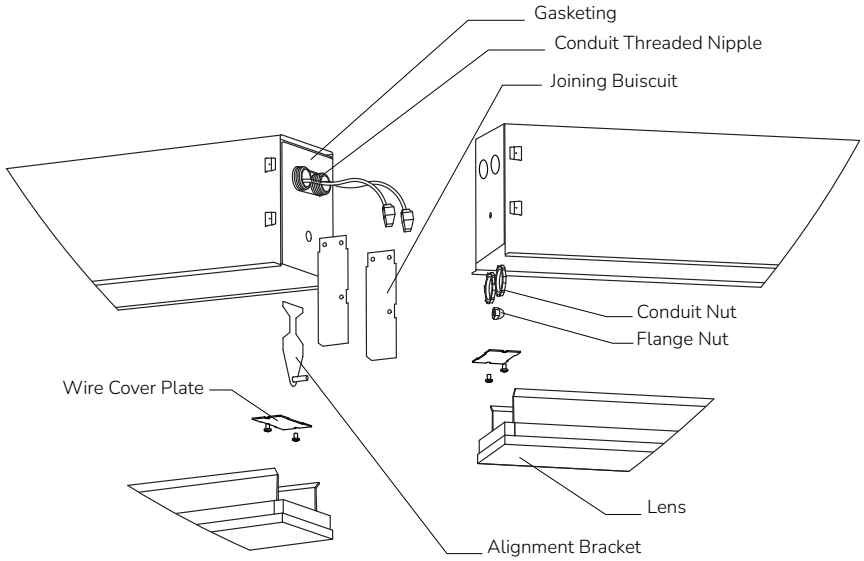
(Note: If joining fixtures to make a row, all fixtures in row required mounting hardware at both ends of fixture.)



NOTE | LED Module does not need to be removed for installation

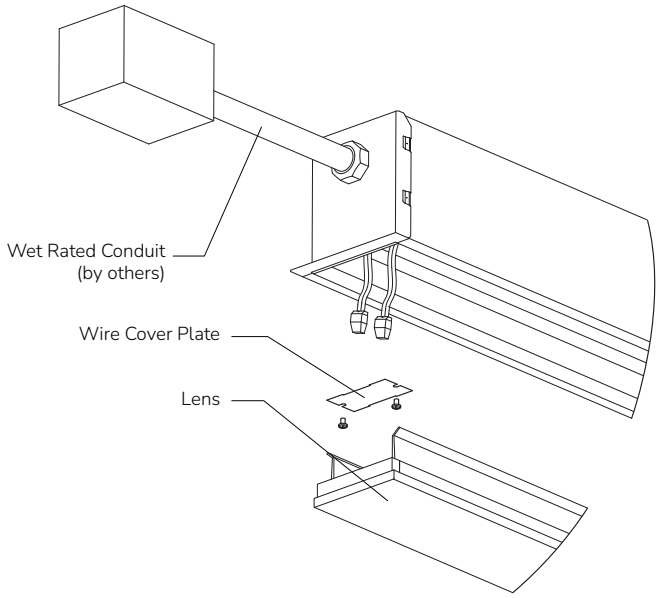
4 Connecting Fixtures Together (Optional)

1. Remove Lenses and Wire Cover plates (use flat tool to remove lens).
2. Run wires through the Conduit Nipple and the Conduit Nuts prior to wiring fixtures together.
3. Make necessary wiring connections between fixtures ensuring all wires are properly matched.
4. Slide fixtures together, use Joining Biscuits to align fixtures.
5. Install Alignment Bracket, use to hold Conduit Nipples while tightening fixtures together.
6. Reinstall Wire Cover Plates and Lenses.

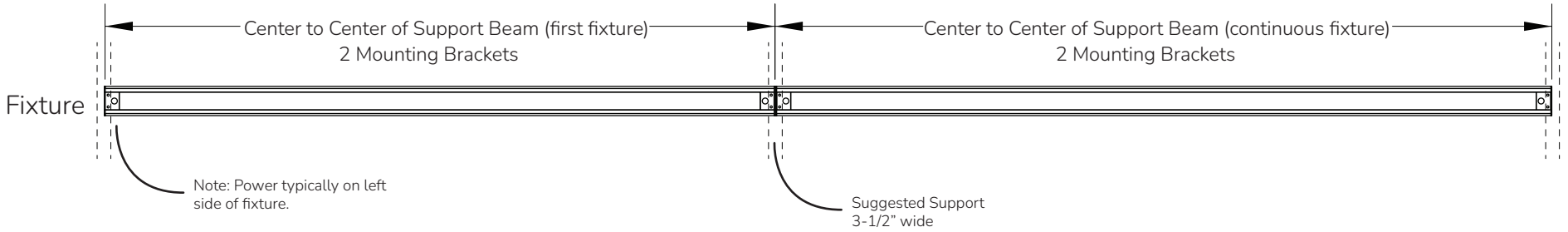


5 End Feed (Optional)

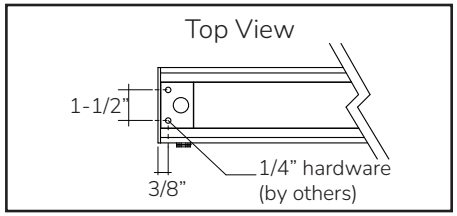
1. Remove Lens and Wire Cover plates (use flat tool to remove lens).
2. Connect Wet Rated 1/2” conduit to end of fixture.
3. Pull wires through and make necessary wire connections.
4. Reinstall wire cover and lens.



NOTE | LED Module does not need to be removed for installation



Mounting Details



Use one mounting hole at each mount location.

First/Independent Fixture Mounting Example	
2'	27-1/8" center to center of support
3'	39" center to center of support
4'	50-3/4" center to center of support
5'	62-5/8" center to center of support
6'	74-5/8" center to center of support
7'	86-1/2" center to center of support
8'	98-3/8" center to center of support

Intermediate/End Fixture Mounting Example	
2'	27-1/8" center to center of support
3'	39" center to center of support
4'	50-3/4" center to center of support
5'	62-5/8" center to center of support
6'	74-5/8" center to center of support
7'	86-1/2" center to center of support
8'	98-3/8" center to center of support

The center to center dimension equals the actual fixture length minus gasket. The support beam should be wide enough to allow for tandem lag screws to attach at fixture joint. The gasket between fixtures in a run adds very little to the overall length due to compression.

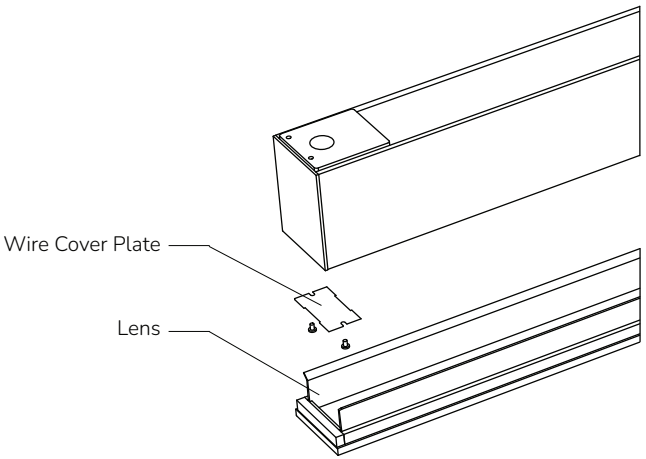
NOTE | LED Module does not need to be removed for installation

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EX3/EX6 Surface Mount Installation

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1 Fixture Prep

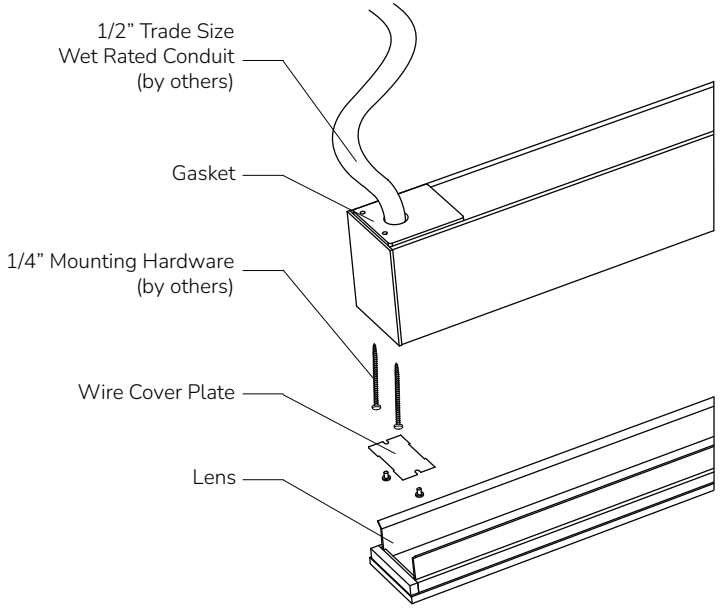
1. Ensure proper support behind fixture (see chart on last page for mounting locations).
2. Using flat thin tool carefully remove Lens so as not to damage lens or fixture.
3. Remove Wire Cover Plate.



2 Mounting + Power

1. Install Wet rated Conduit fitting (by others).
2. Install fixture using 1/4” mounting hardware (by others), two (2) at each end of fixture.
3. Make necessary connections between fixture and building power using wet rated flex conduit ensuring all wires are properly matched.
4. Reinstall Wire Cover Plate and lens.

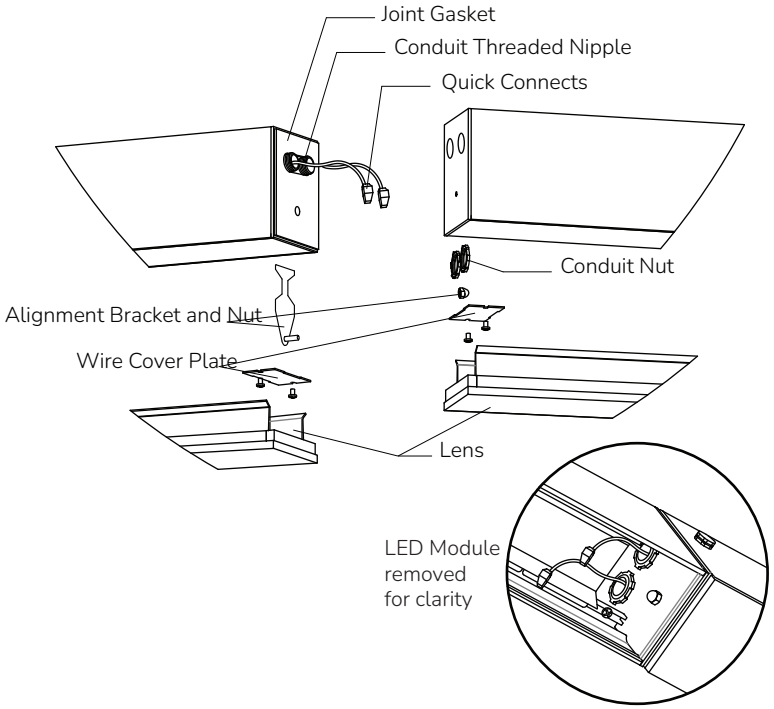
(Note: If joining fixtures to make a row, all fixtures in row required mounting hardware at both ends of fixture.)



NOTE | LED Module does not need to be removed for installation. Recommended: Contractor seal top edge of fixture to building surface. Fixtures may only be installed with the direct lens facing down. For an in-wall application with the lens facing outward, please see the EDGE Wet Recessed Spec Sheet.

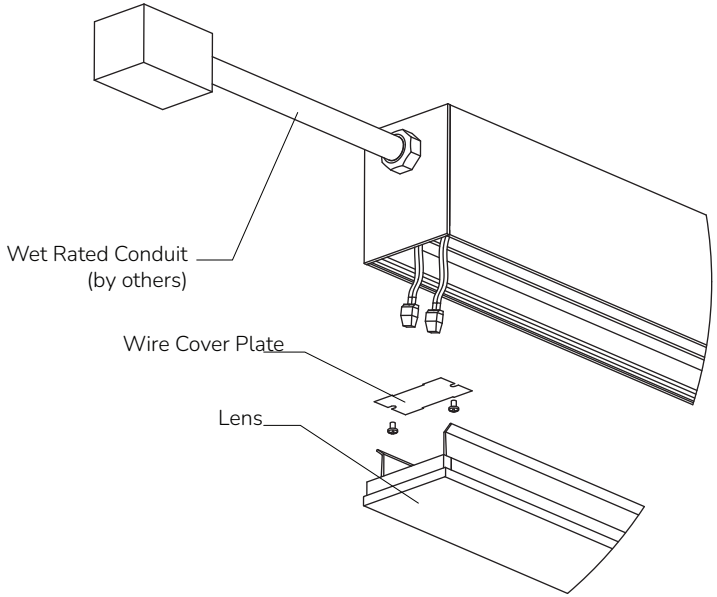
3 Connecting Fixtures Together (Optional)

1. Remove Lens and Wire Cover plates (use flat tool to remove lens).
2. Run wires through the Conduit Nipple and the Conduit Nuts prior to wiring fixtures together.
3. Make necessary wiring connections between fixtures ensuring all wires are properly matched and push back into wire cavity.
4. Slide fixtures together and use alignment bracket and nut to ensure fixtures are lined up perfectly.
5. Tighten the Conduit Nuts and re-install Wire Cover plates.
6. Reinstall the Lens making sure lens is fully engaged.



4 End Feed (Optional)

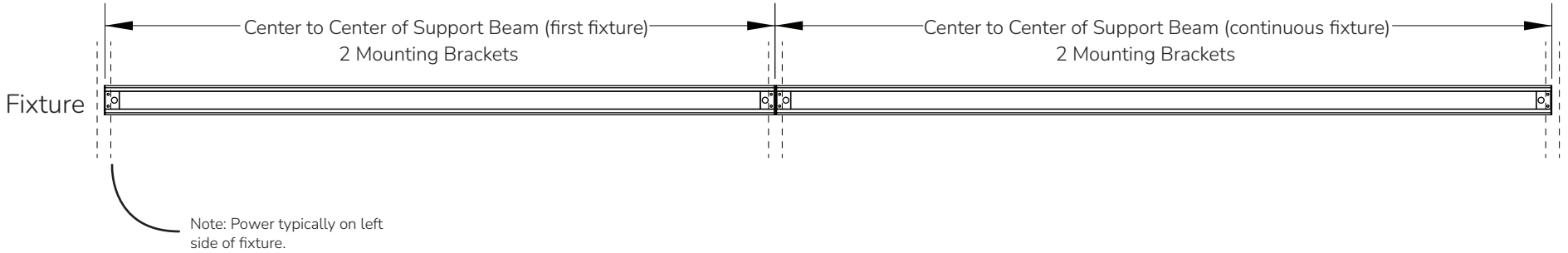
1. Remove Lens and Wire Cover plates (use flat tool to remove lens).
2. Connect Wet Rated 1/2” conduit to end of fixture.
3. Pull wires through and make necessary wire connections.
4. Reinstall wire cover and lens.



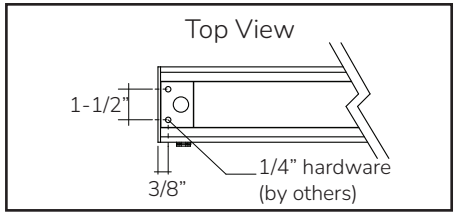
DO NOT apply force to the end of Lens!

NOTE | LED Module does not need to be removed for installation. Recommended: Contractor seal top edge of fixture to building surface. Fixtures may only be installed with the direct lens facing down. For an in-wall application with the lens facing outward, please see the EDGE Wet Recessed Spec Sheet.

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EX3/EX6 Surface Mount Installation



Mounting Details



Use both mounting holes at each mount location.

First/Independent Fixture Mounting Example	
2'	27-1/8" center to center of support
3'	39" center to center of support
4'	50-3/4" center to center of support
5'	62-5/8" center to center of support
6'	74-5/8" center to center of support
7'	86-1/2" center to center of support
8'	98-3/8" center to center of support

Intermediate/End Fixture Mounting Example	
2'	27-1/8" center to center of support
3'	39" center to center of support
4'	50-3/4" center to center of support
5'	62-5/8" center to center of support
6'	74-5/8" center to center of support
7'	86-1/2" center to center of support
8'	98-3/8" center to center of support

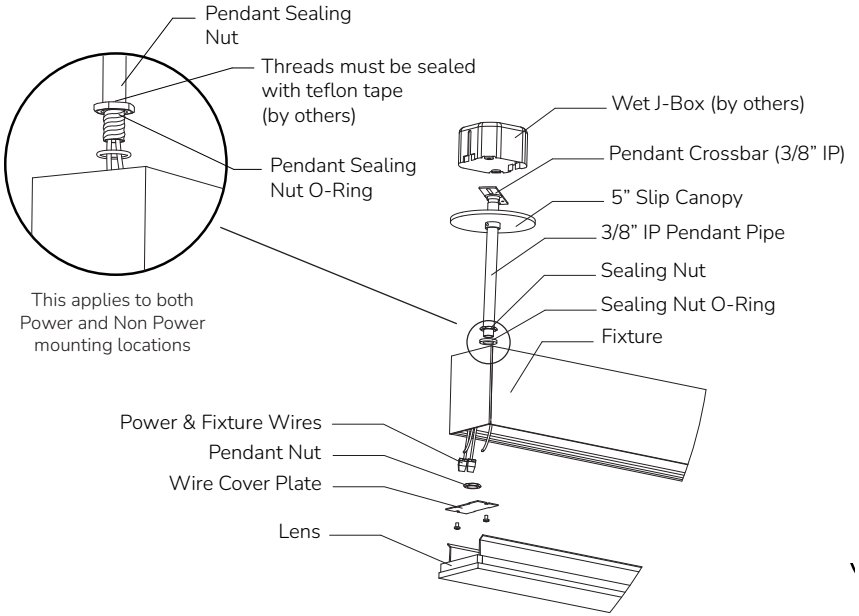
NOTE | LED Module does not need to be removed for installation. Recommended: Contractor seal top edge of fixture to building surface. Fixtures may only be installed with the direct lens facing down. For an in-wall application with the lens facing outward, please see the EDGE Wet Recessed Spec Sheet.

edge evolution wet
EX3/EX6 Pendant Mount Installation

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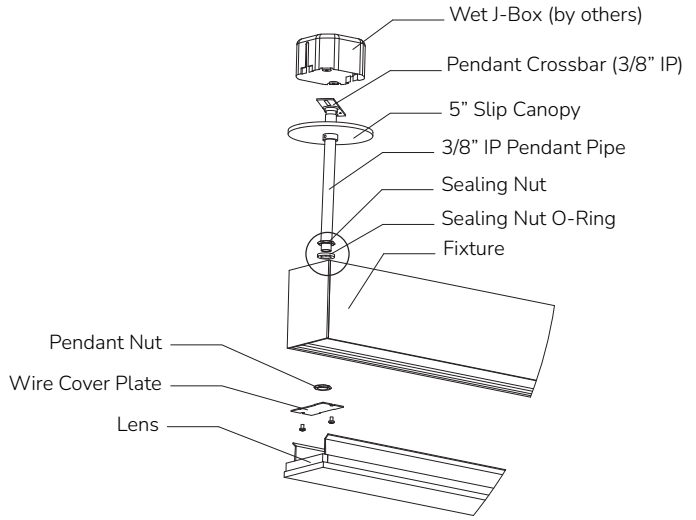
1 Power Mount

1. Install 4-Octagonal Junction boxes to structure at all mounting locations.
2. Install conduit from building power to J-Box.
3. Install crossbar to J-Box.
4. Remove Lens and Wire Cover Plates from fixture. (see back page for opening the lens)
5. Feed slip canopy over pendant and secure pendant to crossbar.
6. Attach Pendant Nut and Gasket Washer to top end of pendant, Teflon Tape the pendant threads, and feed pendant through fixture hole and attach second Conduit Nut inside of fixture.
7. Feed power wired through pendant and out leaving 12” for wiring.
8. Make necessary connections between fixture and building wires.



2 Non-Power Mount

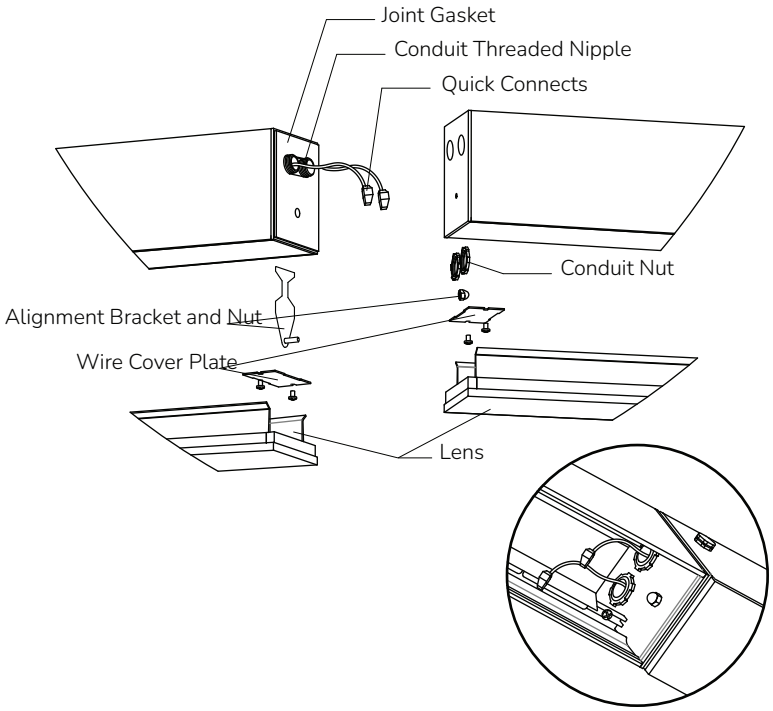
1. Install 4-Octagonal Junction boxes to structure at all mounting locations.
2. Install conduit from building power to J-Box.
3. Install crossbar to J-Box.
4. Feed slip canopy over pendant and secure pendant to crossbar.
5. Attach Pendant Nut and Gasket Washer to top end of pendant, teflon tape the pendant threads, and feed pendant through fixture hole and attach second Conduit Nut inside of fixture.
6. Reinstall Wire Cover Plates and Lens.



NOTE | LED Module does not need to be removed for installation.

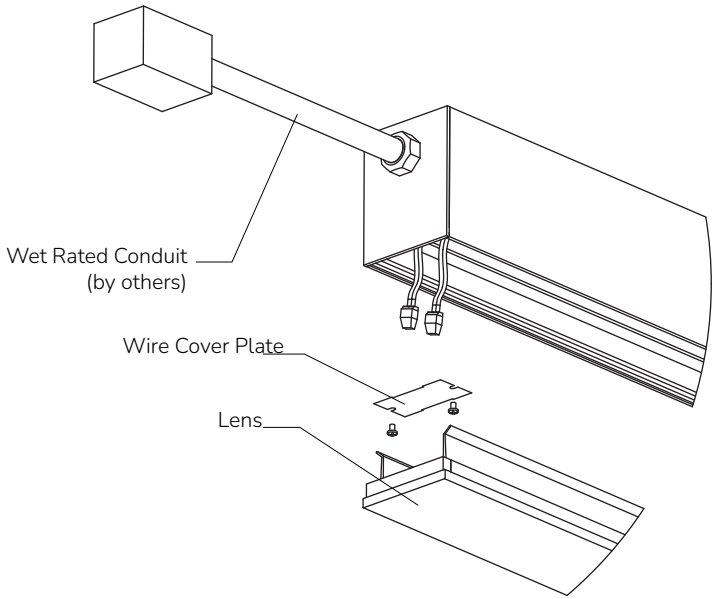
3 Connecting Fixtures Together (Optional)

1. Remove Lenses and Wire Cover plates (use flat tool to remove lens).
2. Run wires through the Conduit Nipple and the Conduit Nuts prior to wiring fixtures together.
3. Make necessary wiring connections between fixtures ensuring all wires are properly matched.
4. Slide fixtures together, use Joining Biscuits to align fixtures.
5. Install Alignment Bracket, use to hold Conduit Nipples while tightening fixtures together.
6. Reinstall Wire Cover Plates and Lenses.

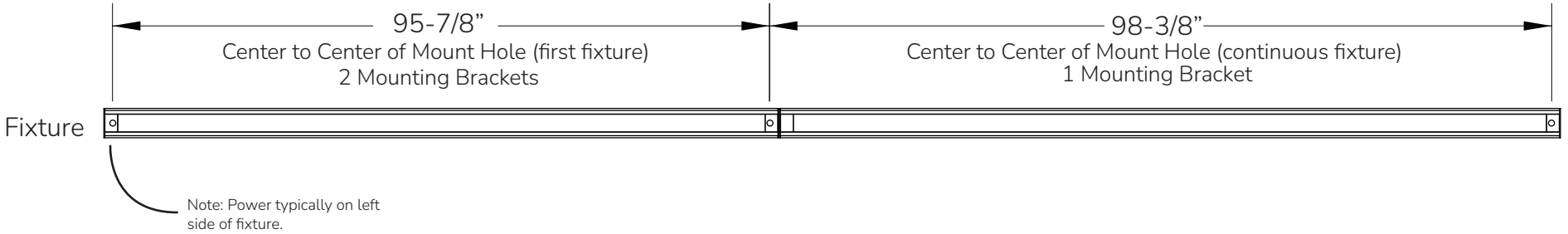


4 End Feed (Optional)

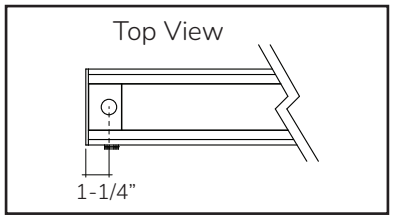
1. Remove Lens and Wire Cover plates (use flat tool to remove lens).
2. Connect Wet Rated 1/2” conduit to end of fixture.
3. Pull wires through and make necessary wire connections.
4. Reinstall wire cover and lens.



NOTE | LED Module does not need to be removed for installation.



Mounting Details



First/Independent Fixture Mounting Example	
2’	24-5/8” center to center of mounting hole
3’	36-1/2” center to center of mounting hole
4’	48-1/4” center to center of mounting hole
5’	60-1/8” center to center of mounting hole
6’	72-1/8” center to center of mounting hole
7’	84” center to center of mounting hole
8’	95-7/8” center to center of mounting hole

Intermediate/End Fixture Mounting Example	
2’	27-1/8” center to center of mounting hole
3’	39” center to center of mounting hole
4’	50-7/8” center to center of mounting hole
5’	62-3/4” center to center of mounting hole
6’	74-5/8” center to center of mounting hole
7’	86-1/2” center to center of mounting hole
8’	98-3/8” center to center of mounting hole

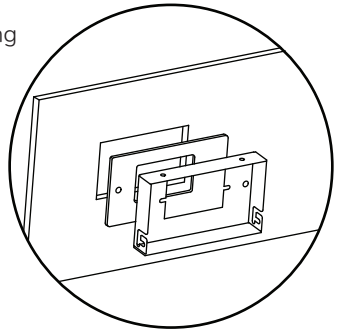
NOTE | LED Module does not need to be removed for installation.

edge evolution wet
EX3/EX6 Wall Mount Installation

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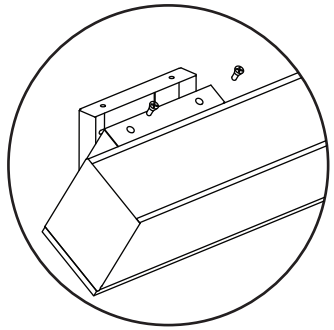
1 Wall Bracket

1. Attach wall side bracket to structure via mounting hardware (by others).
2. If power side, mount bracket in line with 2x4 junction box (by others).
3. Bring power in through junction box.
4. Follow mount spacing on page 3 for additional mounting points.
(Note: Powerside fixture bracket will have gasket.)

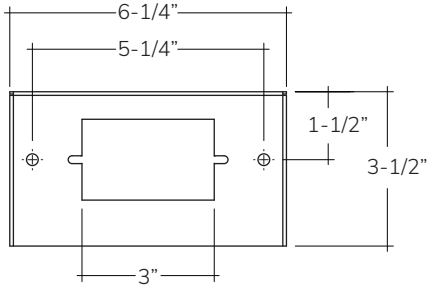


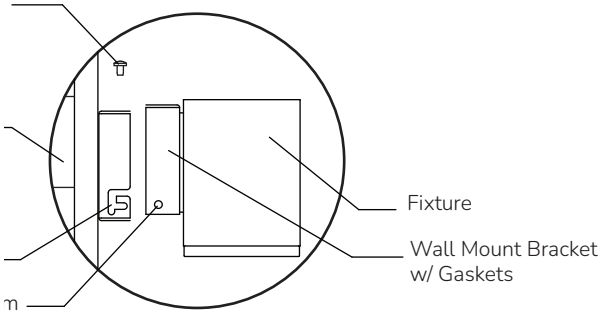
2 Power Mount

1. Place fixture in wiring position by lifing fixture into place and having Pem on wall side bracket slide into Pem Channel on fixture side bracket, once in fixture can swing down to allow for hands free wiring.
2. To power fixture, attach building power to fixture power wires using push nuts.
3. Recess connections into junction box. Making sure no wires are between bracket and gasket.
4. Make necessary adjustments laterally prior to tightening wall mount screw.



Hands free wiring position

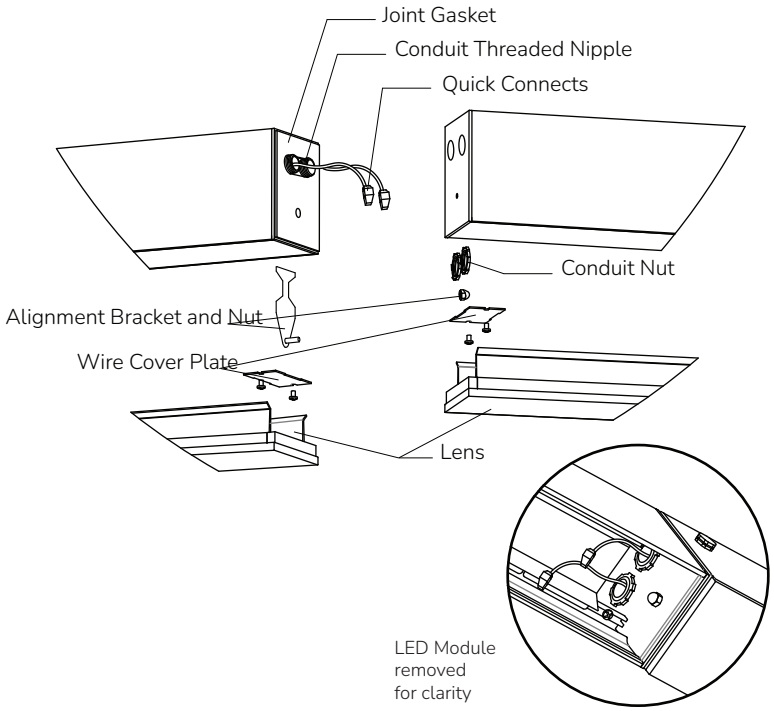




NOTE | LED Module does not need to be removed for installation.

3 Connecting Fixtures Together (Optional)

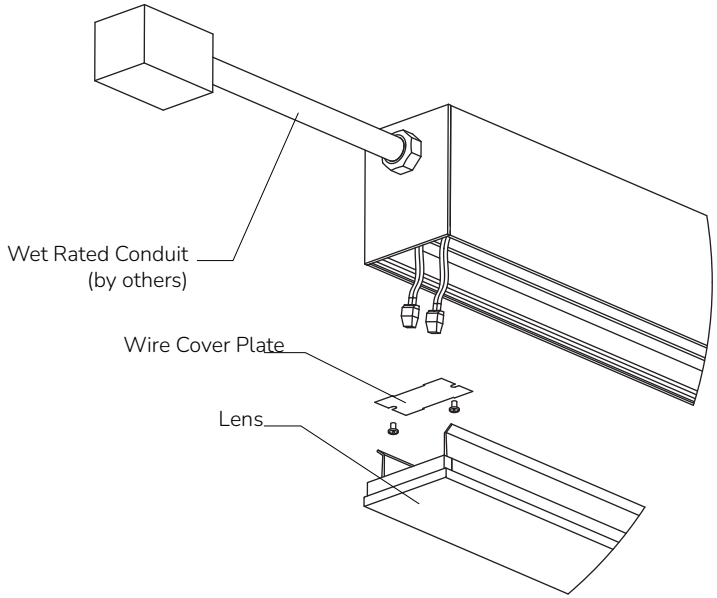
1. Remove Lens and Wire Cover plates (use flat tool to remove lens).
2. Run wires through the Conduit Nipple and the Conduit Nuts prior to wiring fixtures together.
3. Make necessary wiring connections between fixtures ensuring all wires are properly matched and push back into wire cavity.
4. Slide fixtures together and use alignment bracket and nut to ensure fixtures are lined up perfectly.
5. Tighten the Conduit Nuts and re-install Wire Cover plates.
6. Reinstall the Lens making sure lens is fully engaged.



NOTE | LED Module does not need to be removed for installation.

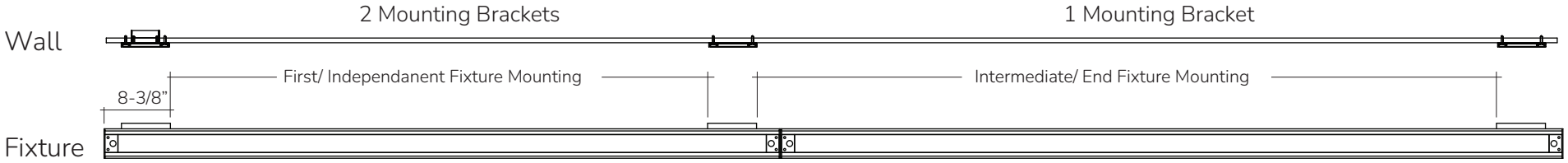
4 End Feed (Optional)

1. Remove Lens and Wire Cover plates (use flat tool to remove lens).
2. Connect Wet Rated 1/2” conduit to end of fixture.
3. Pull wires through and make necessary wire connections.
4. Reinstall wire cover and lens.

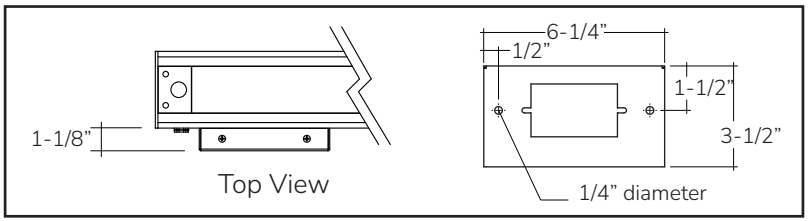


DO NOT apply force to the end of Lens!

edge evolution wet
EX3/EX6 Wall Mount Installation



Mounting Bracket Details



First/Independent Fixture Mounting Example	
2’	10-3/8” edge to edge of bracket
3’	22-1/4” edge to edge of bracket
4’	34-1/4” edge to edge of bracket
5’	46-1/8” edge to edge of bracket
6’	57-7/8” edge to edge of bracket
7’	69-3/4” edge to edge of bracket
8’	81-5/8” edge to edge of bracket

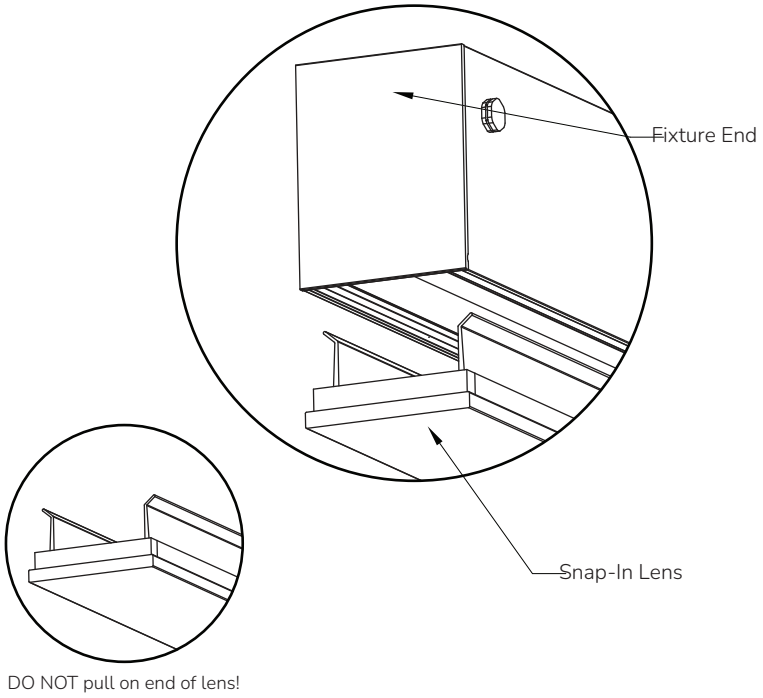
Intermediate/End Fixture Mounting Example	
2’	20-7/8” edge to edge of bracket
3’	32-3/4” edge to edge of bracket
4’	44-3/4” edge to edge of bracket
5’	56-5/8” edge to edge of bracket
6’	68-3/8” edge to edge of bracket
7’	80-1/4” edge to edge of bracket
8’	92-1/8” edge to edge of bracket

NOTE | Power typically on left side of fixture. LED Module does not need to be removed for installation.

edge evolution wet
Lens Details

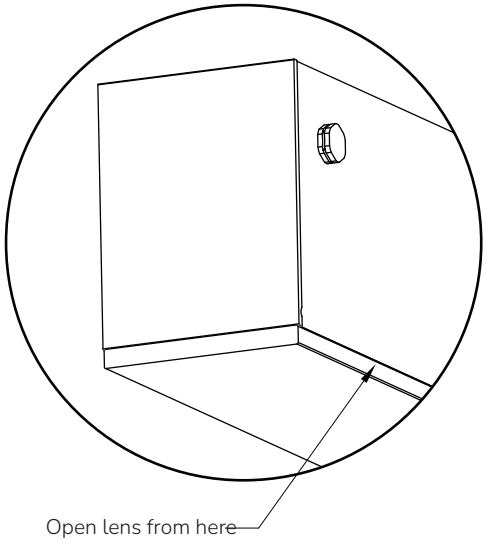
1 Lens Installation

1. Begin at one end of the lens and squeeze sides to allow it to flex.
2. Insert end of lens into place. Lens will snap into place when installed properly.
3. Slowly insert rest of lens down the length of the fixture



2 Lens Removal

1. Insert a rigid object approx. Such as a putty knife, into the edge between the lens and the fixture side about one inch from end.
2. Using said object, gently pry lens away from fixture until it is released from the mounting edge.
3. Once the section is released, start at that end of the fixture and pull the lens out of the fixture.



NOTE | Low temperatures can effect the lens material, making it brittle. Please allow the lenses to warm to room temperature before installation.