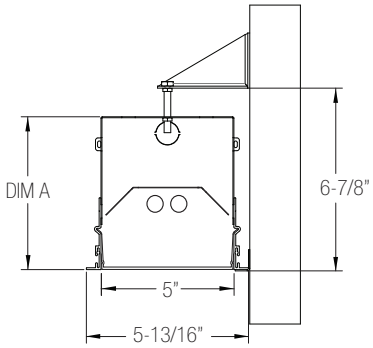
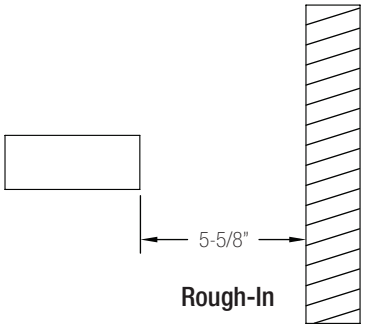
EDGE Evolution6 INSTALLATION INSTRUCTIONS

Perimeter Mount Installation

Return to Main Menu



Front View



Rough-In

	DIM A
PM	4"
PM2	6"
PM3	7"
PM4	8"
PM6	10"

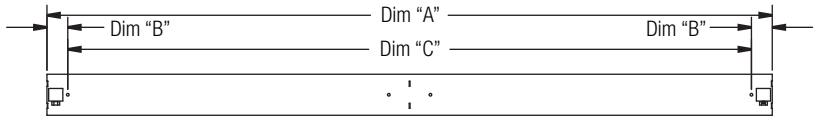
Fixture length can be found on fixture label inside of fixture. An "End Trim" may be used as a gauge for ensuring minimum width. Always install lenses during installation and louvers AFTER ALL finishing work has been completed.

Step 1:

Layout/ Dimensions

1. Remove lens and reflectors.
2. Housing mounts to bracket via 1/4 20 hardware.
The first fixture in each row requires 2 mount locations all others require one.

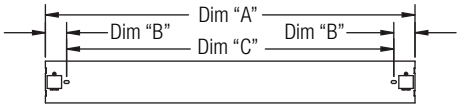
6' and 8' fixtures



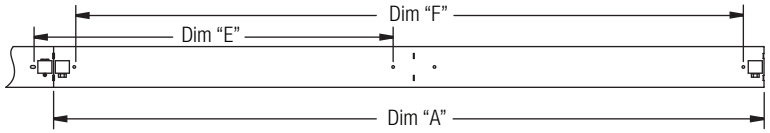
First or Intermediate Fixture

	"A"	"B"	"C"
8'	96"	2-5/16"	91-7/16"
6'	72"	2-5/16"	67-3/4"
4'	48"	2-5/16"	43-3/8"
"A"	Overall Actual Fixture Length		
"B"	First Stud Location		
"C"	Second Stud Location		

4' fixtures



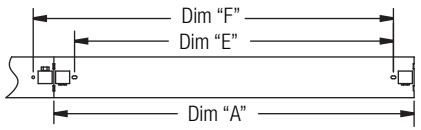
6' and 8' fixtures



Individual or Final Fixture

	"A"	"E"	"F"
8'	95"	48-3/4"	90-3/8"
6'	71"	36-3/4"	66-3/8"
4'	47"	47"	42-3/8"
3'	35"	35"	30-3/8"
2'	23"	23"	18-3/8"
"A"	Overall Actual Fixture Length		
"E"	First Stud Location		
"F"	Second Stud Location		

2' 3' and 4' fixtures

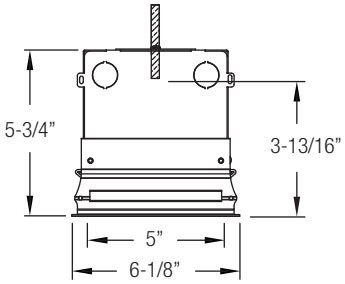


1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90ºC supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Fixtures must be mounted directly to structure.

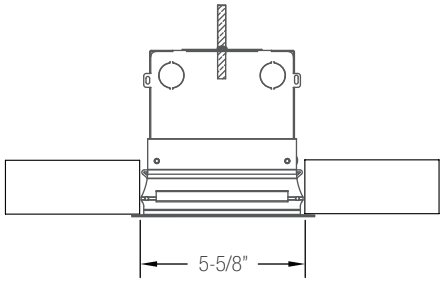
Flanged - Inaccessible Installation

Return to Main Menu

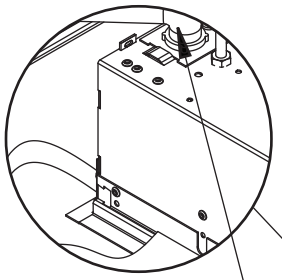
*** Do not screw into side of housing.***



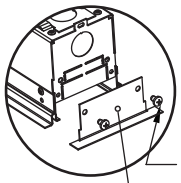
Front View



Rough-In

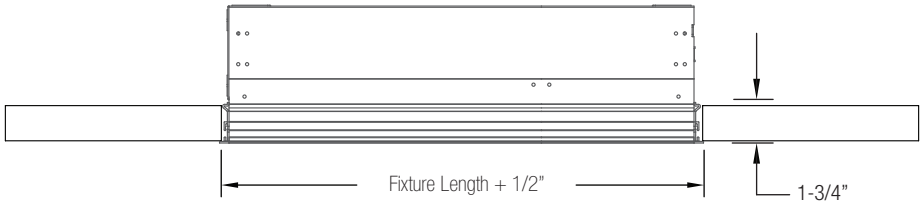


1/2" Trade Conduit Connector (by others)

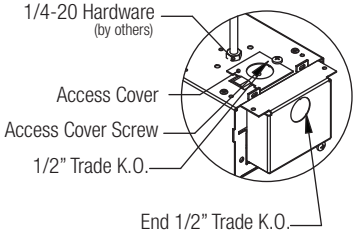


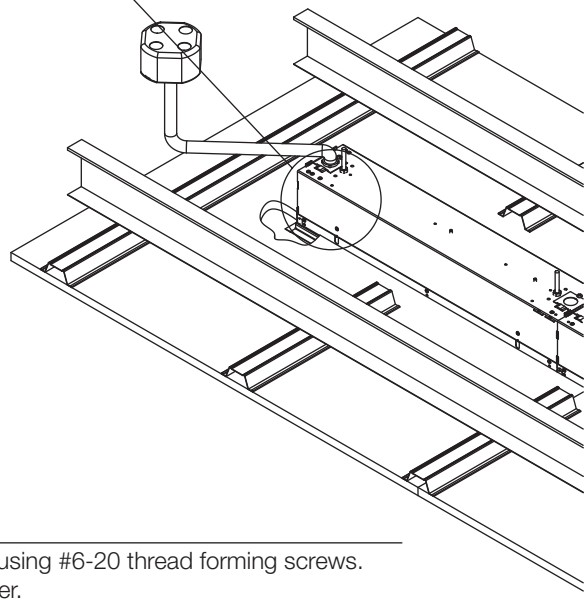
#6-20 thread forming screws

End trim (End Trims come installed on individual units)



Fixture length can be found on fixture label inside of fixture. An "End Trim" may be used as a gauge for ensuring minimum width. Always install lenses during installation and louvers AFTER ALL finishing work has been completed.





Step 1:

Layout/ Dimensions

1. Layout fixture and threaded rod locations. (see page 3)
2. Layout and install junction boxes and whip out below ceiling level.
3. Install 1/4-20 threaded rod to structure.
4. Install ceiling material.
5. Cut out the fixture rough-in.

Step 2:

Making the Connections

1. Attach end trim to end fixtures using #6-20 thread forming screws.
2. Remove applicable access cover.
3. Attach conduit to access cover using 1/2" trade fittings.
4. Make electrical connections inside fixture.
5. Replace access cover.

PINNACLE ARCHITECTURAL LIGHTING®

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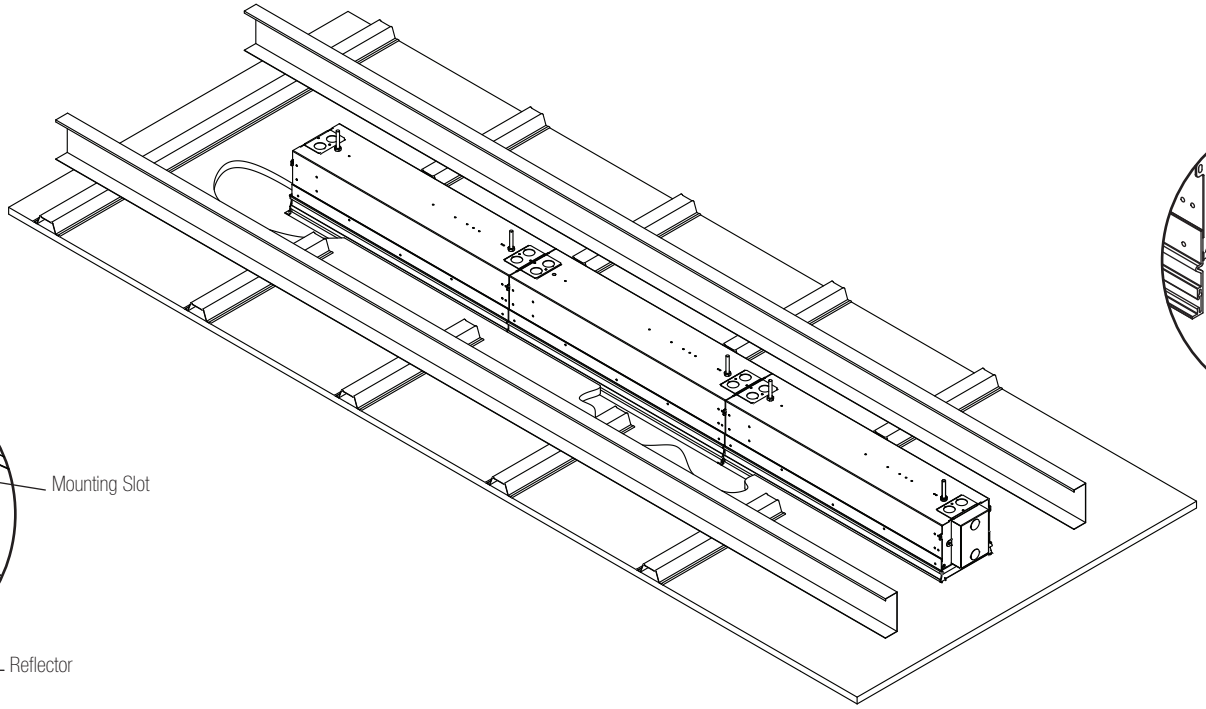
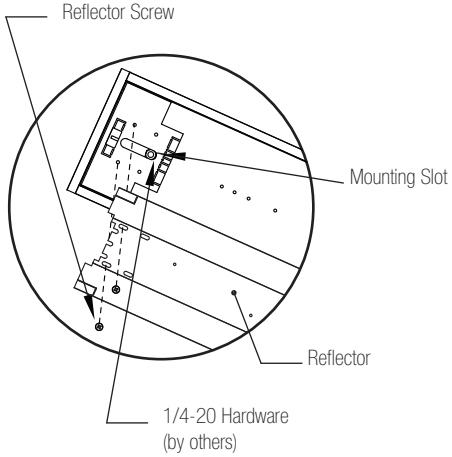
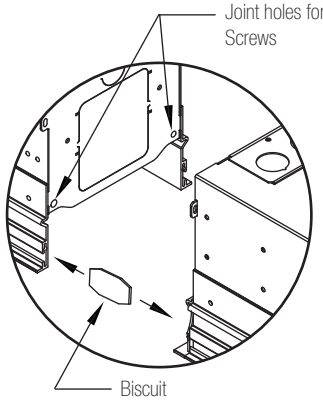
2. Minimum 90ºC supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Fixtures must be mounted directly to structure.

Flanged - Inaccessible Installation







Step 3:
Individual or First Fixture

1. Remove lens or louver and reflector.
2. Surface mount fixture through mounting slot to threaded rod.
3. If first fixture remove end knock outs for through wiring.

Step 4:
Continuous Rows

1. Remove lens or louver and reflector.
2. Fixtures are through-wired for continuous runs.
3. Remove end knock-outs between fixtures.
4. Lift and rotate fixture into place.
5. Surface mount fixture through mounting slot to threaded rod.
6. Make necessary wiring connections between fixtures.
7. Align fixtures using supplied biscuits (2) and secure fixtures together using supplied #8-32 screws (2).

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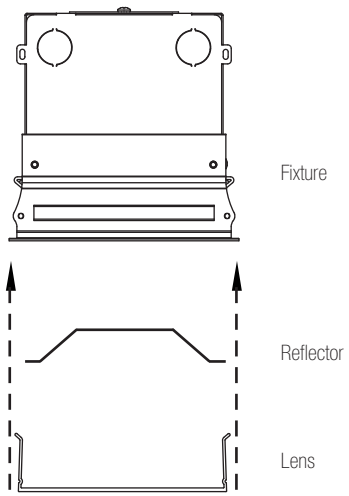
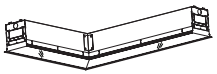
4. Fixtures must be mounted directly to structure.

Flanged - Inaccessible Installation



Step 5:
Finishing

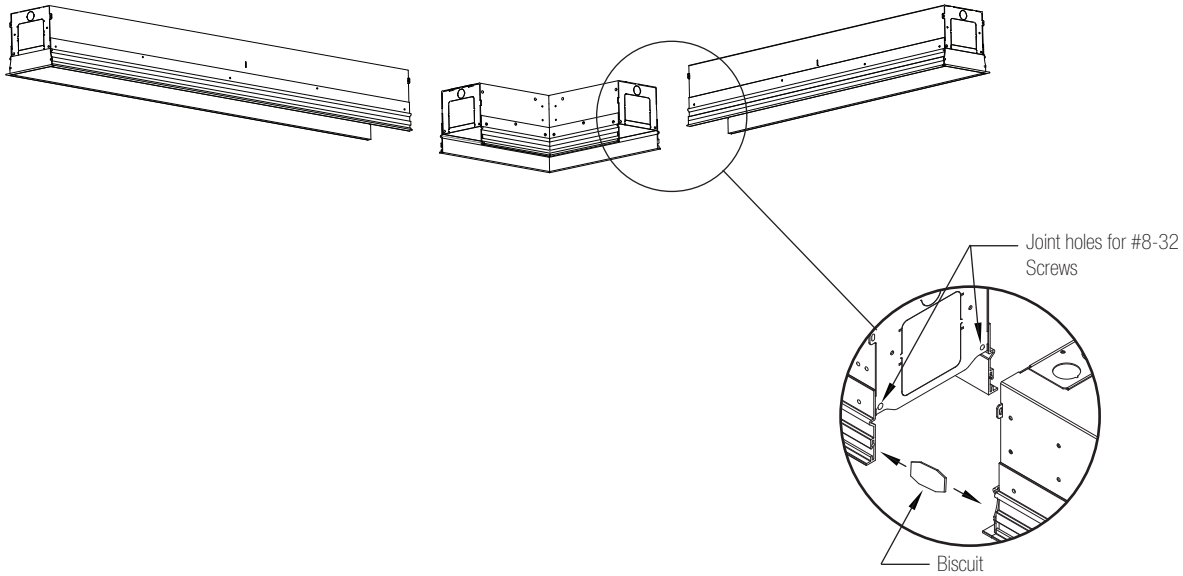
1. Re-install reflector.
2. Install lens.

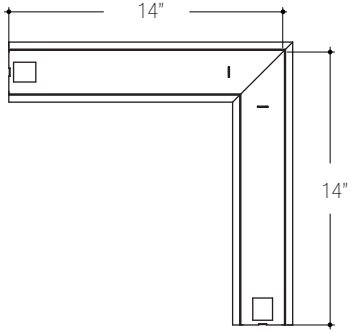


EDGE 6 EVOLUTION

Horizontal Corner
Corner Installation Sheet

Return to Main Menu





Corner Piece

1. Layout fixture and rough-in location. Fixture requires secondary mains, or blocking along the length of fixture, both sides. ***(Note: corners are 90º)***
2. Corners install same as fixture(s) and are required to be tied to structure.
3. Remove knock out between fixtures and make necessary wiring connections. Join using supplied joining hardware.

PINNACLE ARCHITECTURAL LIGHTING®

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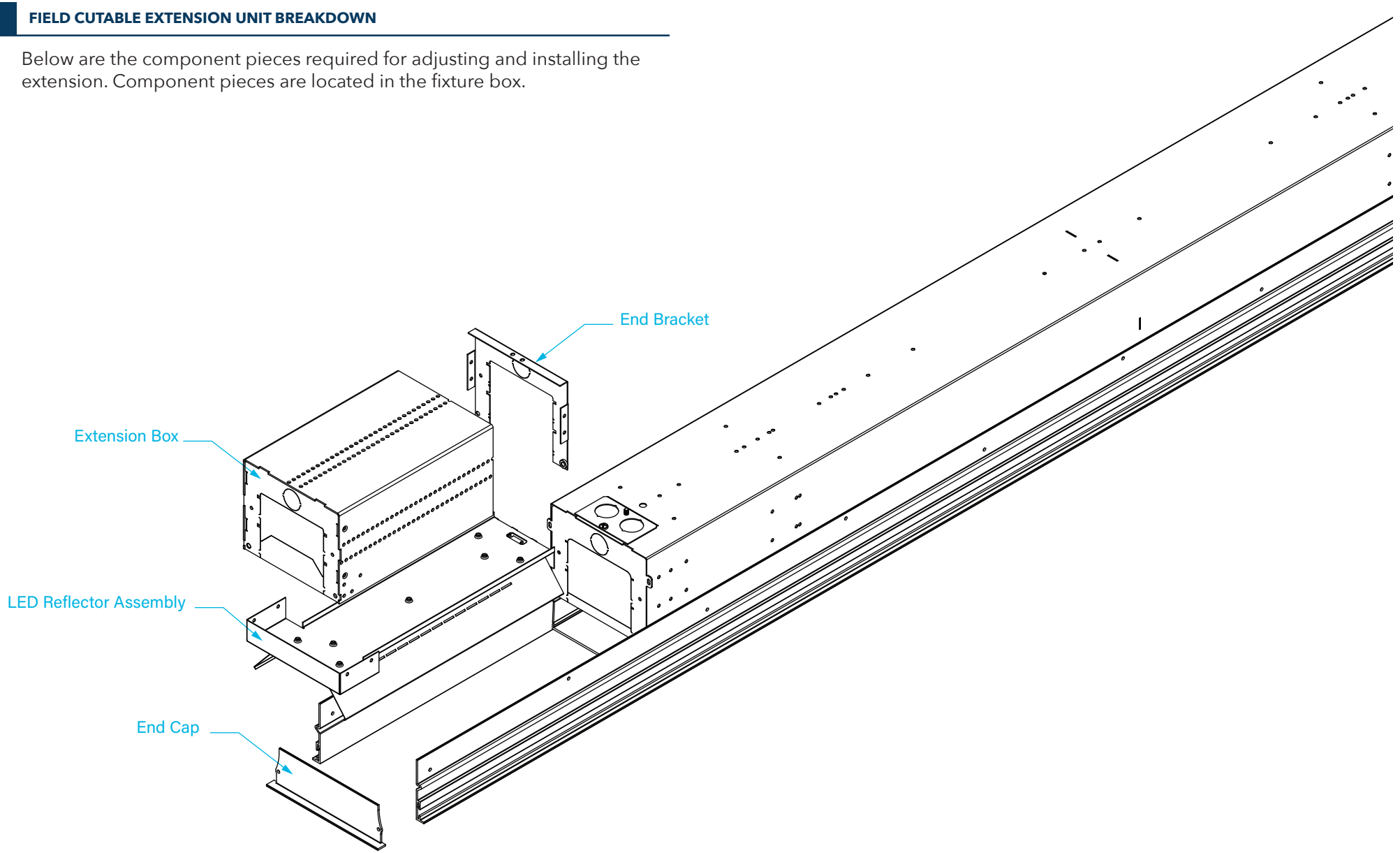
2. Minimum 90ºC supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Fixtures must be mounted directly to structure.

Designed and Fabricated in Denver Colorado Phone: 303.322.5570 www.pinnacle-ltg.com

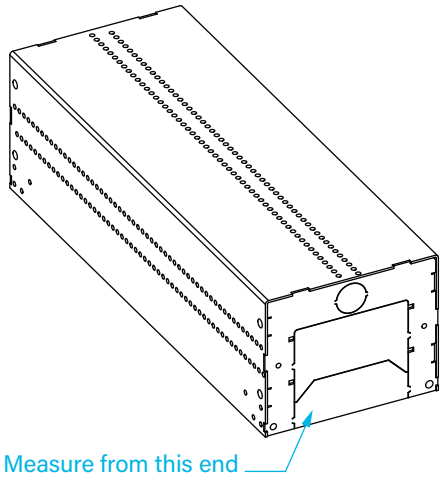
FIELD CUTABLE EXTENSION UNIT BREAKDOWN

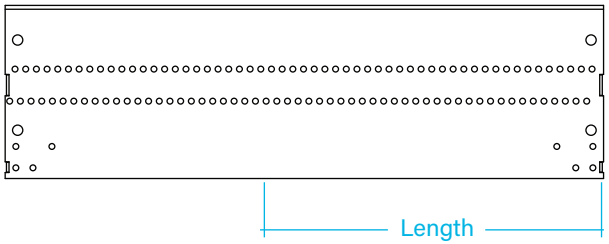
Below are the component pieces required for adjusting and installing the extension. Component pieces are located in the fixture box.



1 EXTENSION BOX PREP

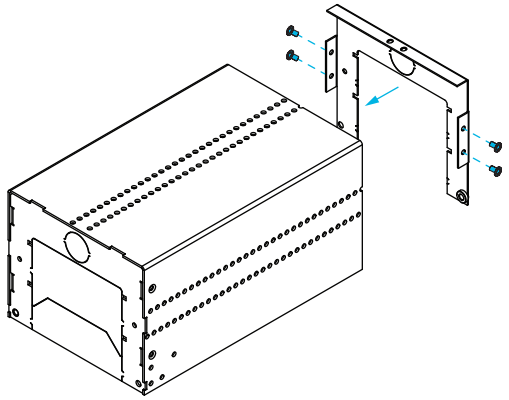
Measure the desired length of the final assembled fixture (Extension Box + Main Fixture). Measure the required length from the end of the extension box. Make sure to measure from the end that attached to the main fixture.





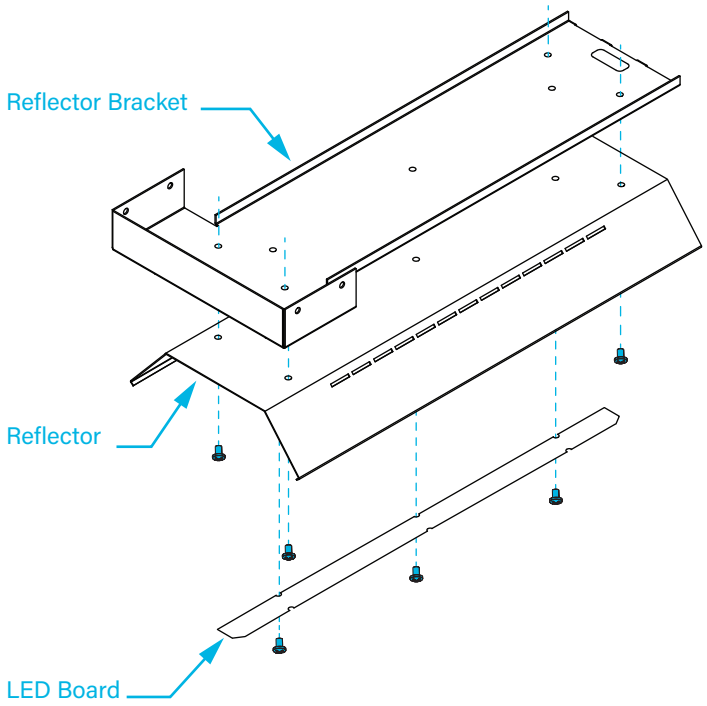
2 END BRACKET SETUP

After cutting the extension box, locate end bracket. Attach end bracket to the open end of the extension box via 4 screws on side. This side will be what connects to the main fixture.



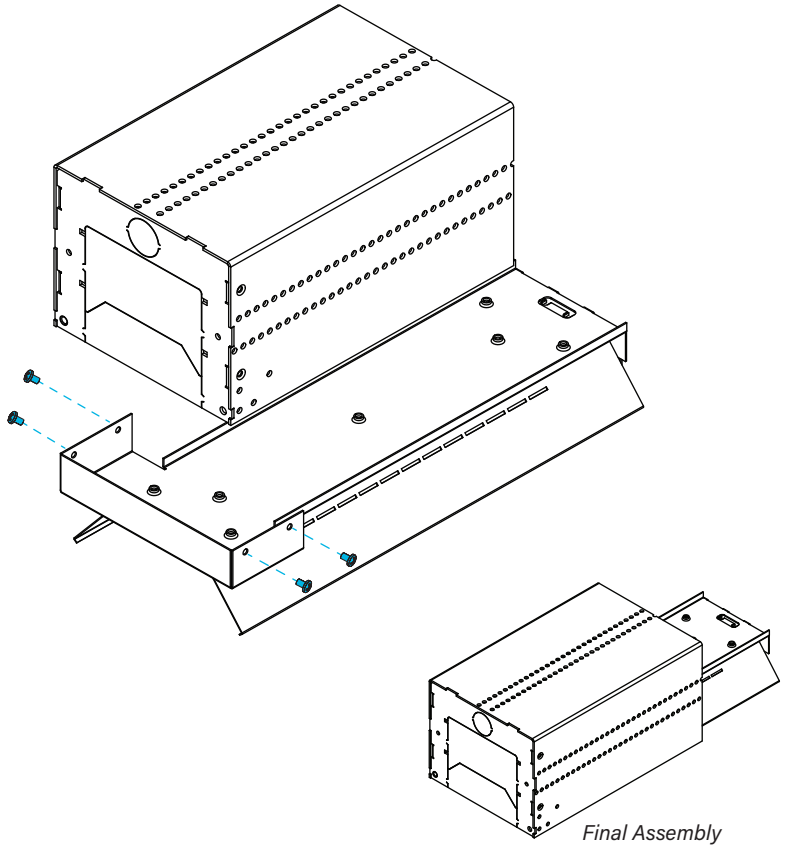
1 EXTENSION BOX ASSEMBLY

The LED assembly is made up of 3 parts. The LED board, the reflector, and the bracket. All three are connected using screws. 4 screws in the corners of the reflector secure the reflector to the bracket. And 3 screws in the center of the reflector secure the LED board to the reflector.



2 LED EXTENSION INSTALLATION

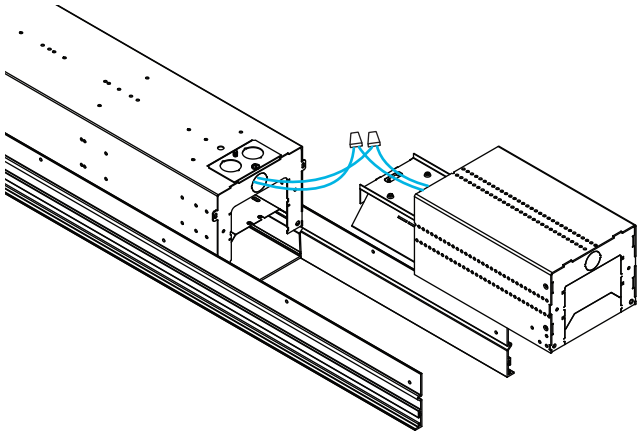
Install the LED reflector assembly as shown below using (4) screws/rivets from the kit. Secure the parts in the top row of holes when viewing from a room view perspective. *(note: the LED board in the exention box will sit "above", when viewing from a room side, the main fixture's LED board.)*



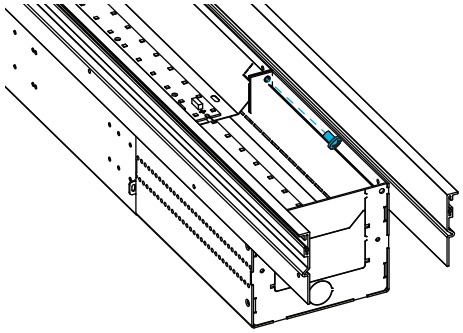
Final Assembly

1 EXTENSION BOX INSTALLATION

Take the illuminated extension and connect the LED wires to the wires protruding from the main fixture. It is recommended to store any excess wiring in extension box. Slide the extension in between the rails and flush with fixture housing. Secure housing and extension together using two screws one for each side of the bracket.

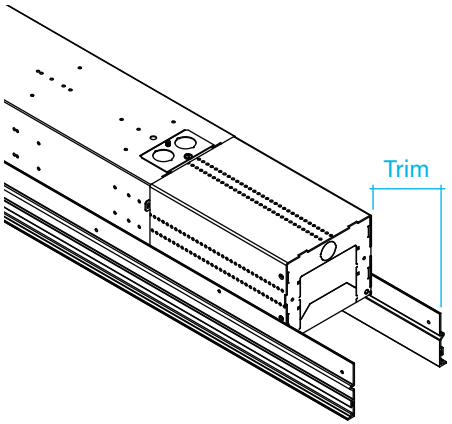


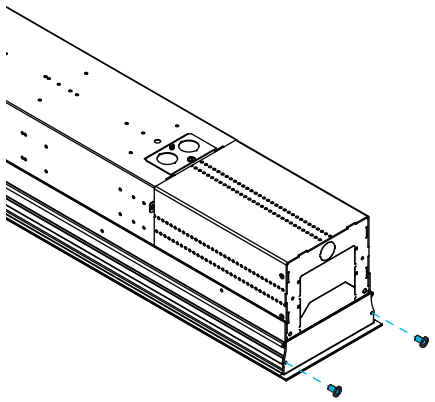
Joint Detail



2 RAIL TRIMMING

Finish securing of extension to housing with two (2) additions screws, one for each side of the fixture. Once extension is full secured to main fixture trim the excess rails to be flush with end of extension. Once rails and extension box are flush install end cap with 2 screws to finish housing.

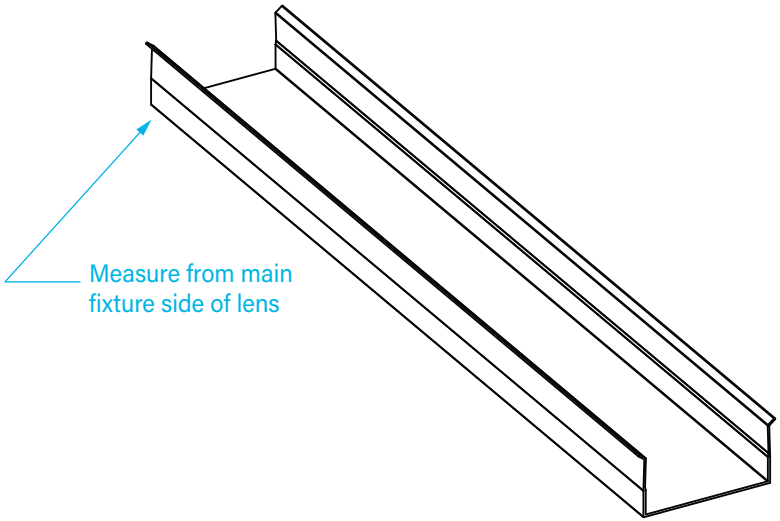


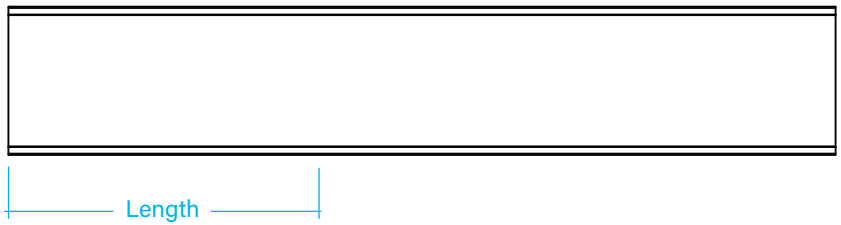


1 TRIM LENS AND INSTALL

Select and measure the desired lens length. The lens included in the kits are longer than required. Lens material expands with the heat of the LED boards. Run the saw at full speed and cut the lens slowly to avoid fracture and/or cracking. To account for this, subtract 1/32" from the total desired fixture length to account for thermal expansion.

(i.e. 96" fixture takes a total or combined lens length of 95.969")



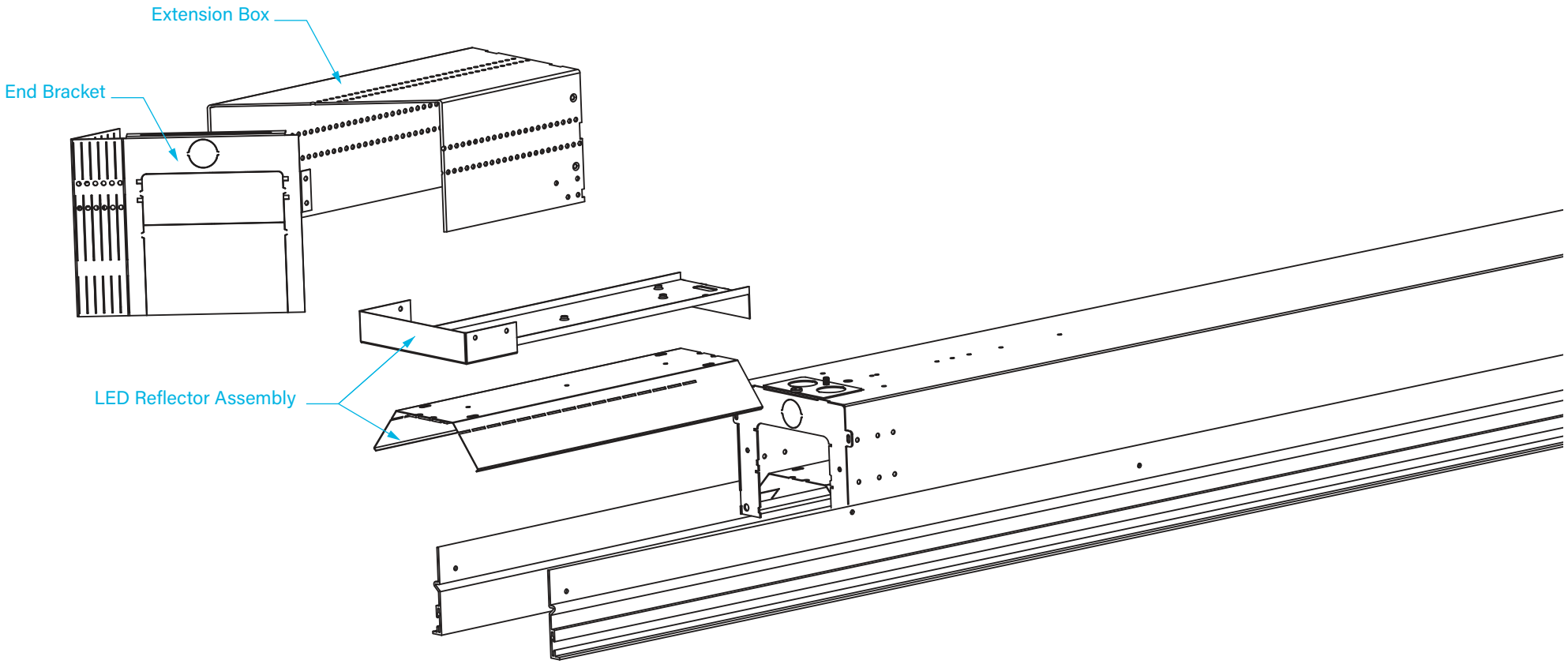


DISCLAIMERS

A carbide tipped saw blade for aluminum is recomended for cutted the extension box.
An AGE MD12-962 Industrial Carbide tipped plastic saw blade is recommended for cutting the lens.
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.

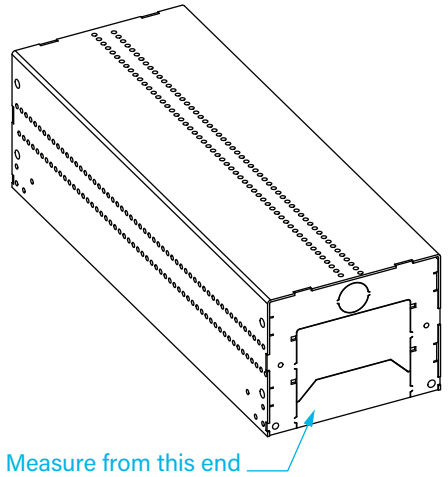
FIELD CUTABLE EXTENSION UNIT BREAKDOWN

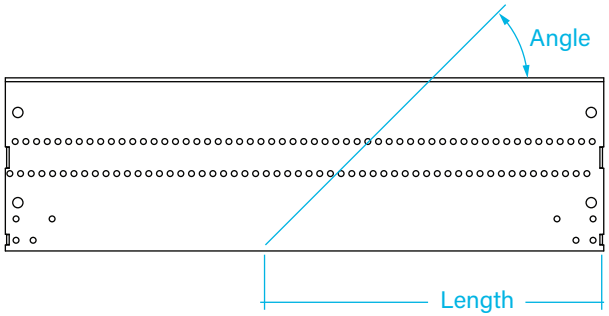
Below are the component pieces required for adjusting and installing the extension. Component pieces are located in the fixture box.



1 EXTENSION BOX PREP

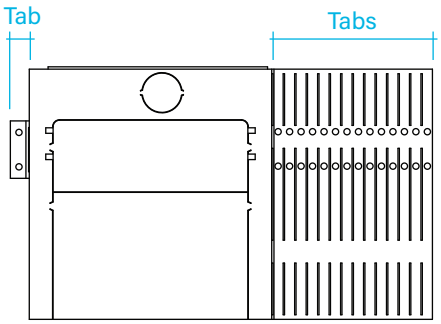
Measure the desired length and angle of the final assembled fixture (Extension Box + Main Fixture). Measure the required length from the end of the extension box. Make sure to measure from the end that attached to the main fixture.

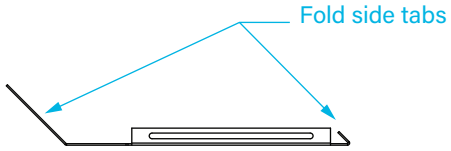




2 END BRACKET SETUP

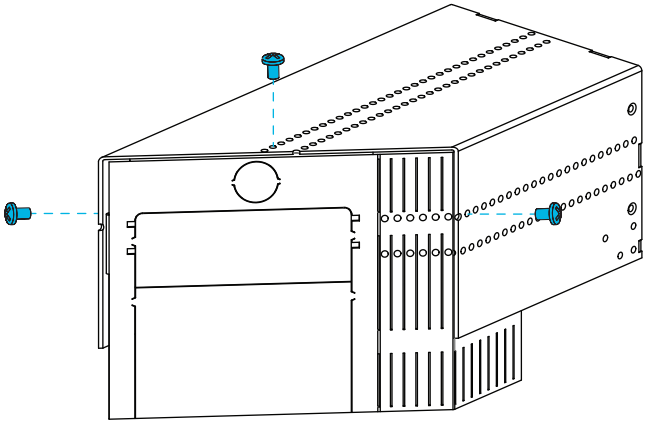
After cutting the extension box, locate end bracket. Fold the end brackets's tabs to a position that will minimize the gap between the extension box and the end bracket. The additional tabs may be cut if desired.





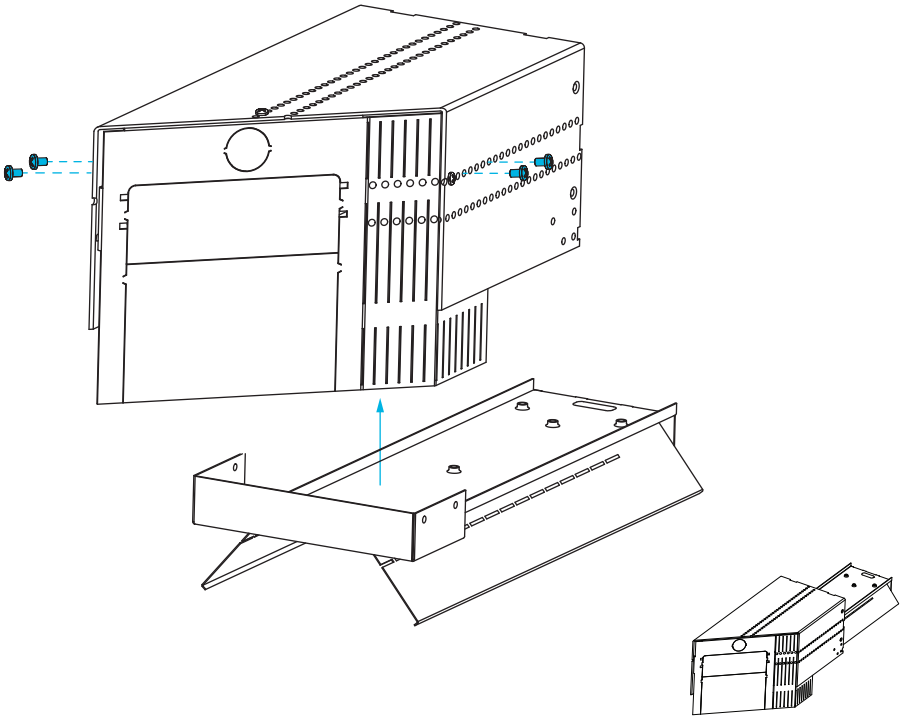
1 EXTENSION BOX ASSEMBLY

Secure the end bracket to the cut end of the extension box. Utilize 3 screws/rivets from kit and place them in the locations as shown below.



2 LED EXTENSION INSTALLATION

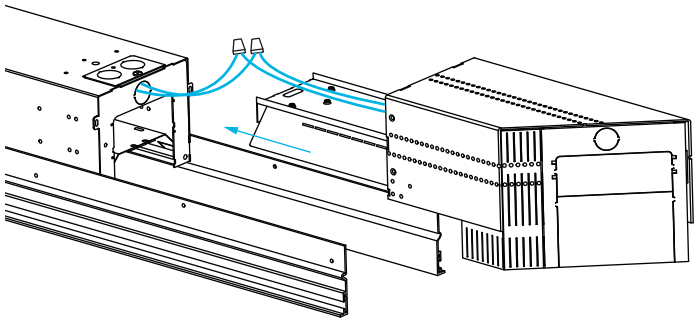
Install the LED board and reflector assembly as shown below using (4) screws/ rivets from the kit. Secure the parts in the top row of holes when viewing from a room view perspective. *(note: the LED board in the exention box will sit "above", when viewing from a room side, the main fixture's LED board.)*



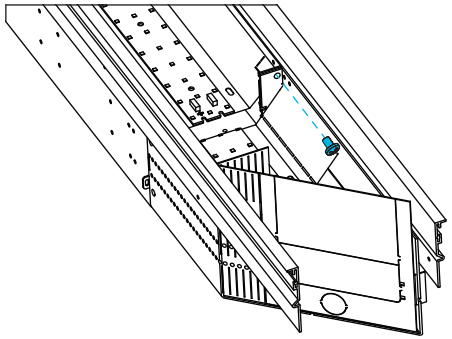
Final assembly

1 EXTENSION BOX INSTALLATION

Take the illuminated extension and connect the LED wires to the wires protruding from the main fixture. It is recommended to store any excess wiring in extension box. Slide the extension in between the rails and flush with fixture housing. Secure housing and extension together using two screws one for each side of the bracket.

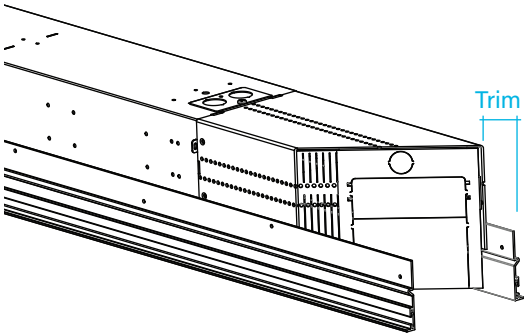


Joint Detail



2 RAIL TRIMMING

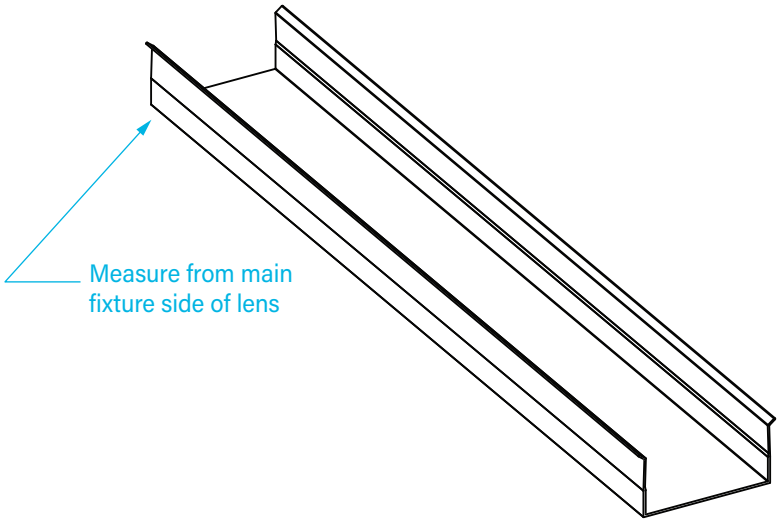
Once extension is installed to main fixture trim the excess rails to be flush with end of extension.

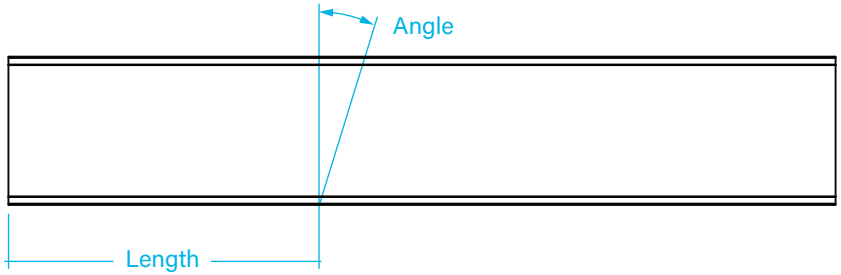


1 TRIM LENS AND INSTALL

Select and measure the desired lens length and angle. The lens included in the kits are longer than required. Lens material expands with the heat of the LED boards. Run the saw at full speed and cut the lens slowly to avoid fracture and/or cracking. To account for this, subtract 1/32" from the total desired fixture length to account for thermal expansion.

(i.e. 96" fixture takes a total or combined lens length of 95.969")





DISCLAIMERS

A carbide tipped saw blade for aluminum is recomended for cutted the extension box.
An AGE MD12-962 Industrial Carbide tipped plastic saw blade is recommended for cutting the lens.
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.

Snap In Lens
Lensing detail sheet

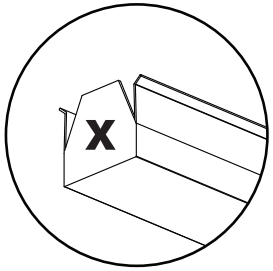
Return to Main Menu

Lens Installation

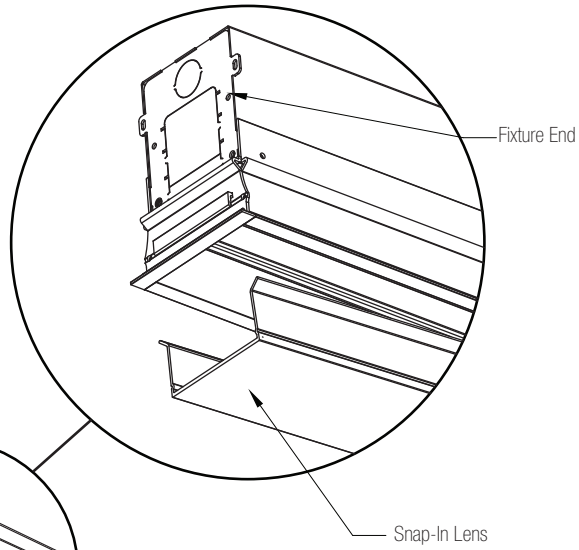
1. Begin at one end of the lens and squeeze sides to allow it to flex.
2. Insert end of lens into place, lens will snap into place when installed properly.
3. Slowly insert rest of lens down the length of the fixture

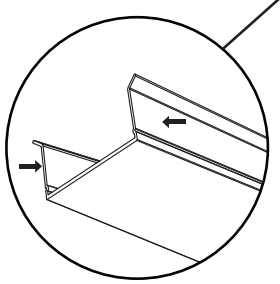
Lens Removal

1. Insert a rigid object approx. 1/16" thick, 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.

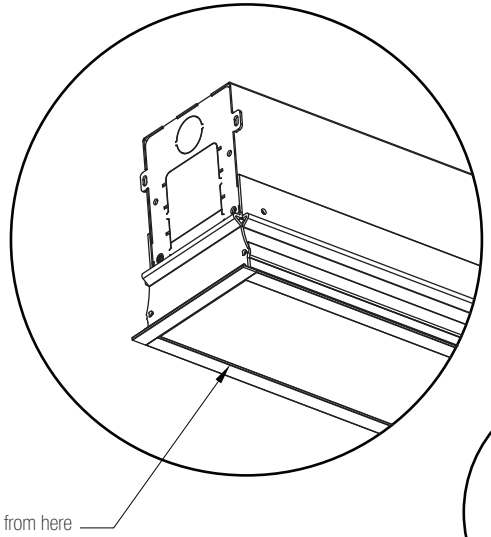


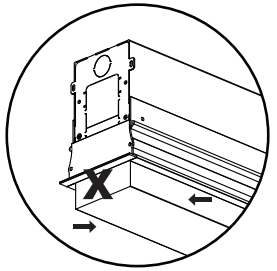
Drop Lens - Do Not Push On End Of Lens





Flat Lens Shown





Remove lens using sides of lens. DO NOT PUSH ON END OF LENS

Note: Low temperatures can effect the lens material, making it brittle. lease allow the lenses to warm to room temperature before installation.