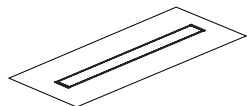
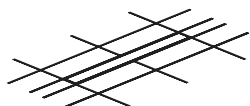




# EDGE Evolution1

## INSTALLATION INSTRUCTIONS

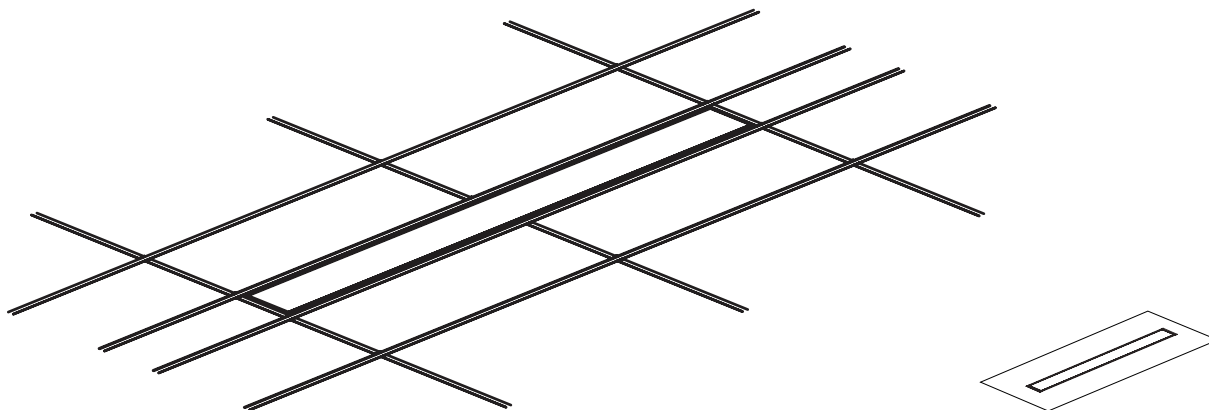
LED Grid Installation .....	2-5
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LED Perimeter Mount .....	18-19
LED Rotating Crossbar - Inaccessible Installation .....	20-21
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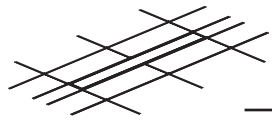




# EDGE Evolution1

LED GRID CEILING  
INSTALLATION



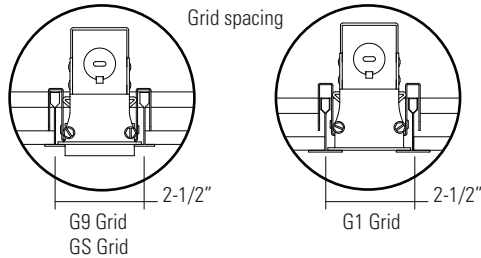
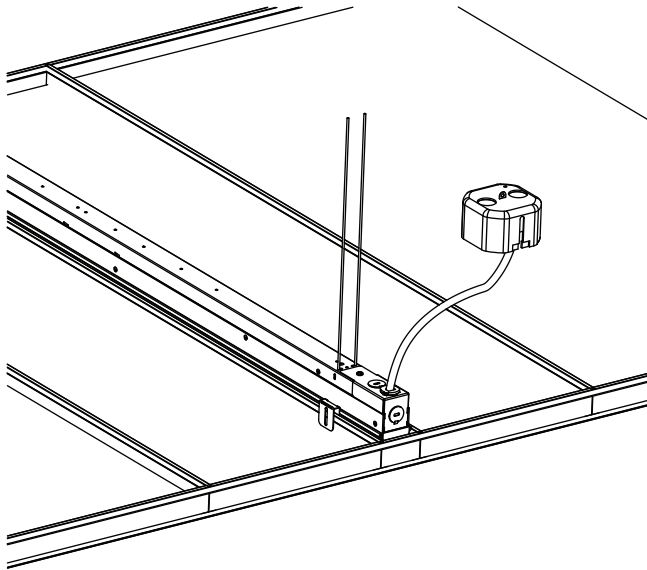


**EDGE**  
EVOLUTION

1

# LED Grid Ceiling Installation

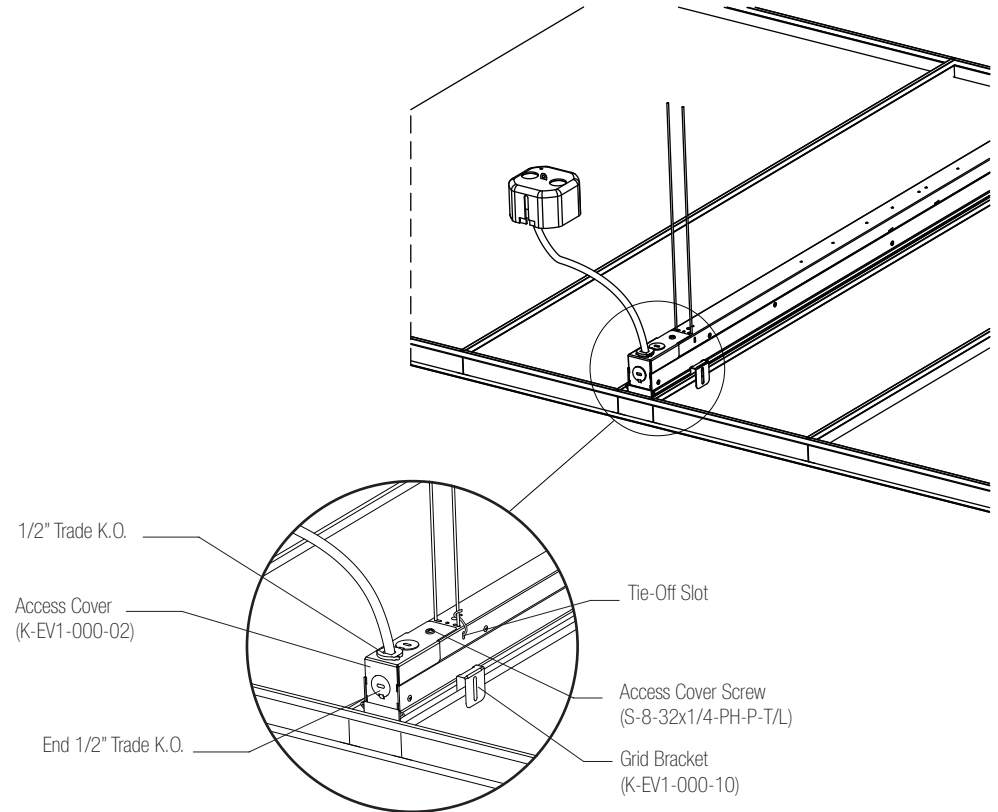
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## Step 1: Layout/ Dimensions

1. Layout fixture and T-bar locations, fixtures require secondary mains along the length of the row, both sides.
2. Layout and install junction boxes.
3. Lay first fixture into grid.
4. Tie off fixture to structure.

*(Note: Asymmetric lens option will have sticker on lens indicating wall side)*

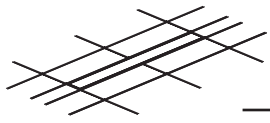


## Step 2: Making the connections

1. Remove applicable access cover.
2. Attach conduit to access cover using 1/2" trade fitting.
3. Make electrical connections inside fixture.
4. Replace access cover.



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 90°C 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.

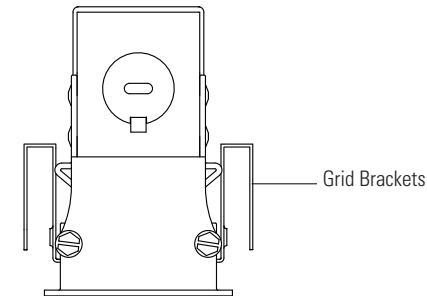
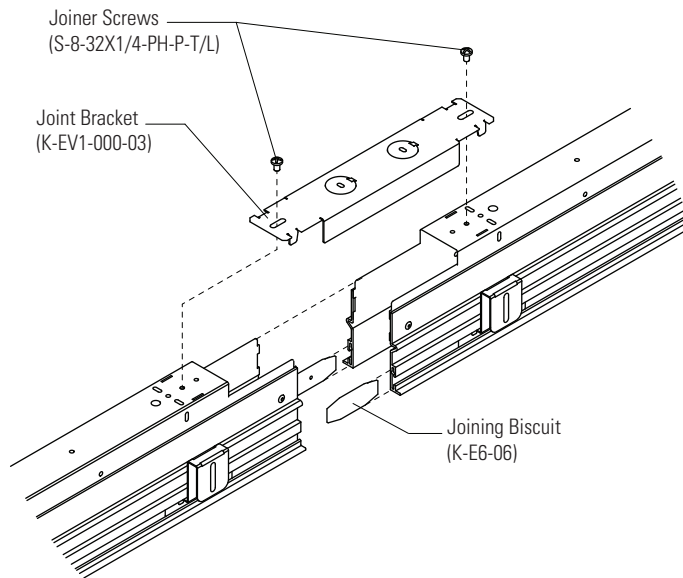


**EDGE**  
EVOLUTION

1

# LED Grid Ceiling Installation

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## Step 3:

### Continuous Runs

1. Fixtures are through-wired for continuous runs.
2. Make necessary wiring connections between fixtures.
3. Align fixtures using supplied biscuits (2) and secure fixtures together using supplied Joint Bracket and supplied #8-32 screws (2).

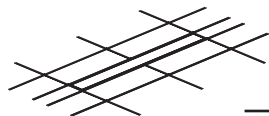
## Step 4:

### Finishing

1. Bend over Grid Brackets and secure to grid.



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 90°C 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.



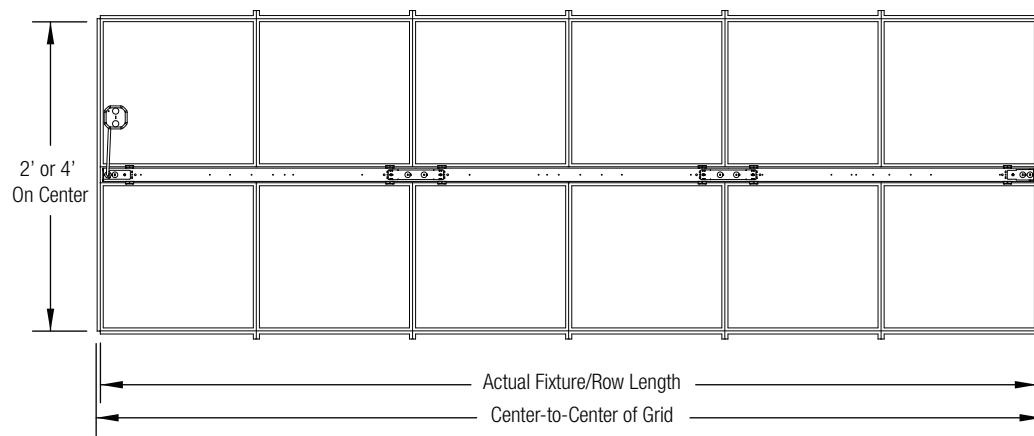
EDGE  
EVOLUTION

1

LED

# Grid Ceiling Installation

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Main Menu](#)



**NOTE:** Overall fixture or row length for recessed fixtures is 1" less than the center-to-center of the grid to fall "On Grid" and fit within the T-Bar opening.

## Row Configuration Notes:

- Actual row lengths may vary from "Nominal".
- The overall rows do fall "On-Grid" and require additional T-Bar "mains" along the length of the row.
- Actual overall row length may be calculated using table above.
- Fixture runs require one (1) EOR/IND fixture in order to fall "On-Grid".
- Battery fixtures have test switch and indicator light removed (conduit and J-Box by others).

BOR - Beginning of run  
INT - Intermediate fixture  
EOR - End of run  
IND - Individual fixture

Row Configuration Chart

Nominal Row Length	Actual Row Length	Fixture Units in Row Configuration
2 ft	1' 11"	23"
3 ft	2' 11"	35"
4 ft	3' 11"	47"
5 ft	4' 11"	59"
6 ft	5' 11"	71"
7 ft	6' 11"	83"
8 ft	7' 11"	95"
9 ft	8' 11"	59" + 48"
10 ft	9' 11"	71" + 48"
11 ft	10' 11"	83" + 48"
12 ft	11' 11"	96" + 47"
13 ft	12' 11"	96" + 59"
14 ft	13' 11"	96" + 71"
15 ft	14' 11"	96" + 83"
16 ft	15' 11"	96" + 95"
17 ft	16' 11"	96" + 59" + 48"
18 ft	17' 11"	96" + 71" + 48"
19 ft	18' 11"	96" + 83" + 48"
20 ft	19' 11"	96" + 96" + 47"
21 ft	20' 11"	96" + 96" + 59"
22 ft	21' 11"	96" + 96" + 71"
23 ft	22' 11"	96" + 96" + 83"
24 ft	23' 11"	96" + 96" + 95"
25 ft	24' 11"	96" + 96" + 59" + 48"



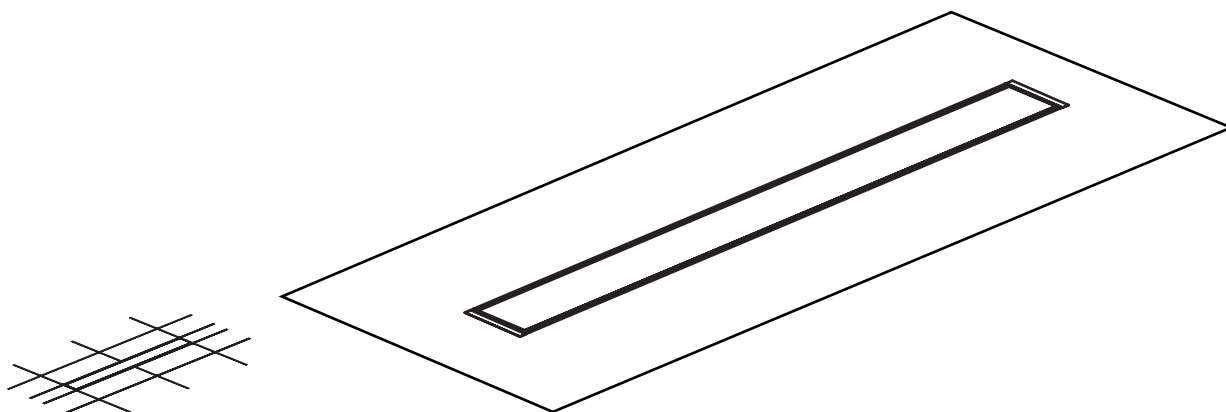
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local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

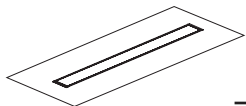




# EDGE Evolution1

LED FL-INACCESSIBLE  
INSTALLATION





**EDGE**  
EVOLUTION

1

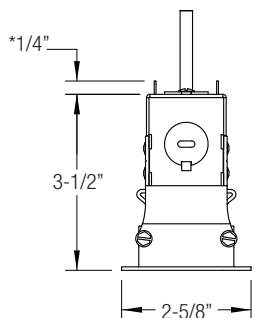
LED

# Flanged - Inaccessible Installation

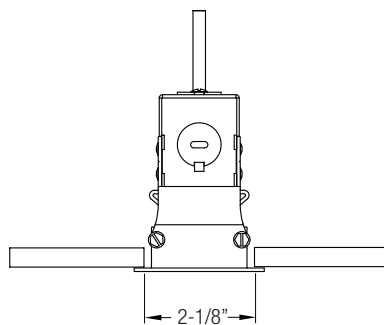
[Return to  
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★ Do not screw into side of housing. ★

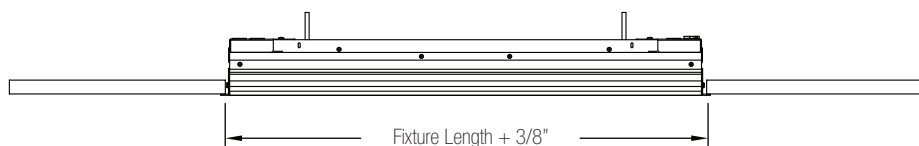
\*Fixture height increases by 1/4" when a joint bracket is used for continuous rows.



Front View



Rough-In

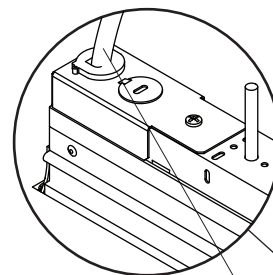


Fixture length can be found on fixture label inside fixture. An "End Trim" may be used as a gauge for ensuring minimum width. Always install lenses during installation and louvers AFTER ALL finishing work has been completed.

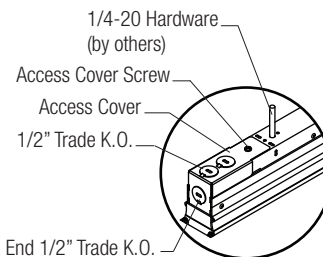
## Step 1:

### 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.



1/2" Trade Conduit  
Connector (by others)



End 1/2" Trade K.O.

## Step 2:

### Making the Connections

1. Remove applicable access cover.
2. Attach conduit to access cover using 1/2" trade fittings.
3. Make electrical connections inside fixture.
4. Replace access cover.



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 90°C 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.



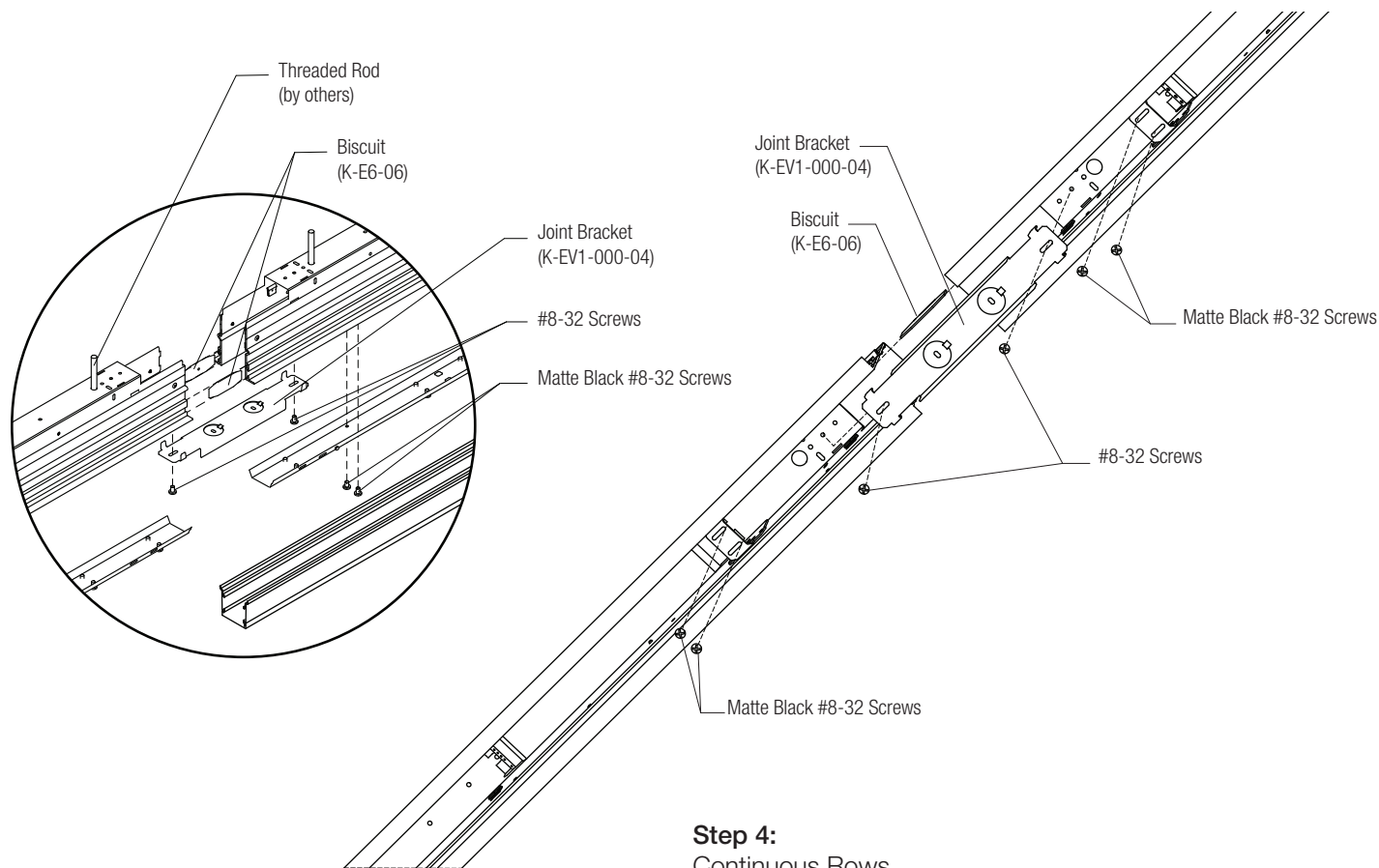
**EDGE**  
EVOLUTION

1

**LED**

# Flanged - Inaccessible Installation

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Main Menu](#)



## Step 3:

### Individual or First Fixture

1. Remove lens or louver.
2. Remove Reflectors by removing Matte Black #8-32 screws.
3. Surface mount fixture through mounting slot to threaded rod.
4. If first fixture, remove end knock outs for through wiring.

*(Note: Asymmetric lens option will have sticker on lens indicating wall side)*

## 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 and recess into cavity.
7. Secure fixtures together using supplied Joint Bracket and #8-32 Screws.

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 90°C 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

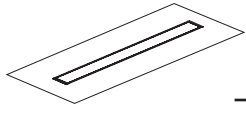
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EV1\_Flanged\_May 2016

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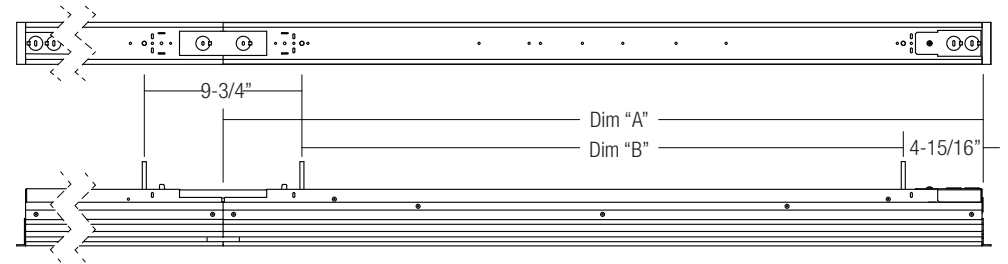
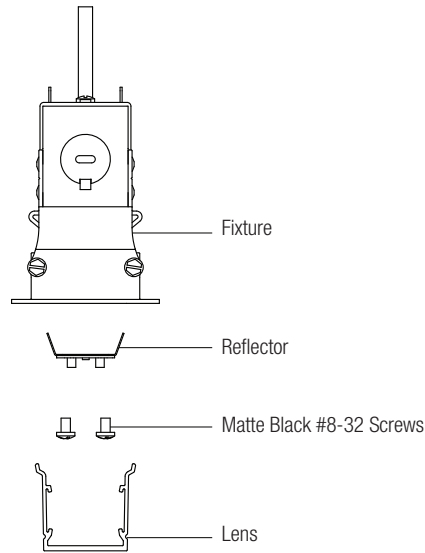
EDGE  
EVOLUTION

1

LED

# Flanged - Inaccessible Installation

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First or Intermediate Fixture		
	Dim A	Dim B
2'	24"	14-1/4"
3'	36"	26-1/4"
4'	48"	38-1/4"
5'	60"	50-1/4"
6'	72"	62-1/4"
7'	84"	72-1/4"
8'	96"	86-1/4"
"A" - Actual Fixture Length "B" - Distance between Rods		

Individual or Final Fixture		
	Dim A	Dim B
2'	23"	13-1/4"
3'	35"	25-1/4"
4'	47"	37-1/4"
5'	59"	49-1/4"
6'	71"	61-1/4"
7'	83"	73-1/4"
8'	95"	85-1/4"
"A" - Actual Fixture Length "B" - Distance between Rods		

## Step 5: Finishing

1. Re-install reflector with Matte Black #8-32 Screws.  
*\*note: reflector only installas in one orientation.*
2. Install lens or louver.

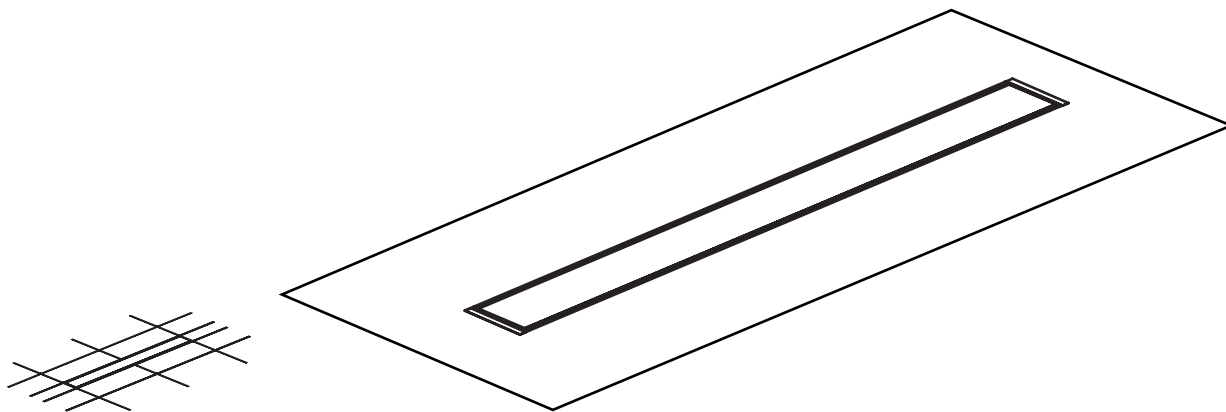


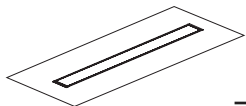
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local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



# EDGE Evolution1

LED NF-INACCESSIBLE  
INSTALLATION





**EDGE**  
EVOLUTION

**1**

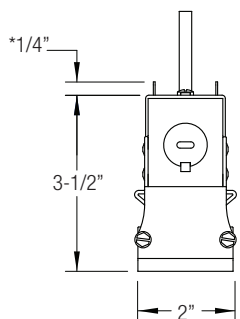
**LED**

# Non-Flanged - Inaccessible Installation

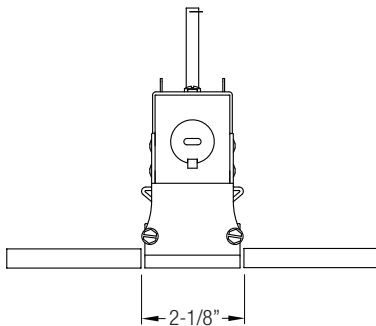
[Return to  
Main Menu](#)

★ Do not screw into side of housing. ★

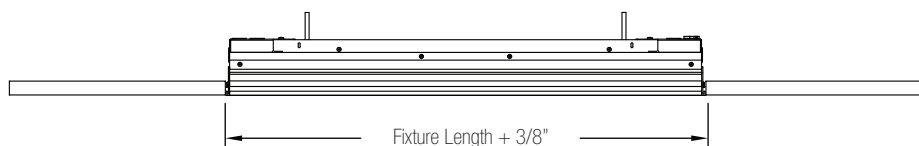
\*Fixture height increases by 1/4" when a joint bracket is used for continuous rows.



Front View



Rough-In

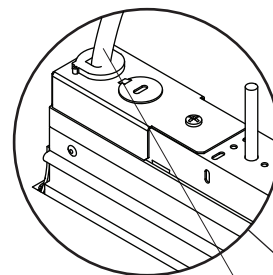


Fixture length can be found on fixture label inside fixture. An "End Trim" may be used as a gauge for ensuring minimum width. Always install lenses during installation and louvers AFTER ALL finishing work has been completed.

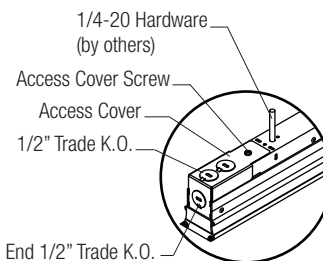
## Step 1:

### 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.



1/2" Trade Conduit  
Connector (by others)



End 1/2" Trade K.O.

## Step 2:

### Making the Connections

1. Remove applicable access cover.
2. Attach conduit to access cover using 1/2" trade fittings.
3. Make electrical connections inside fixture.
4. Replace access cover.



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 90°C 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.



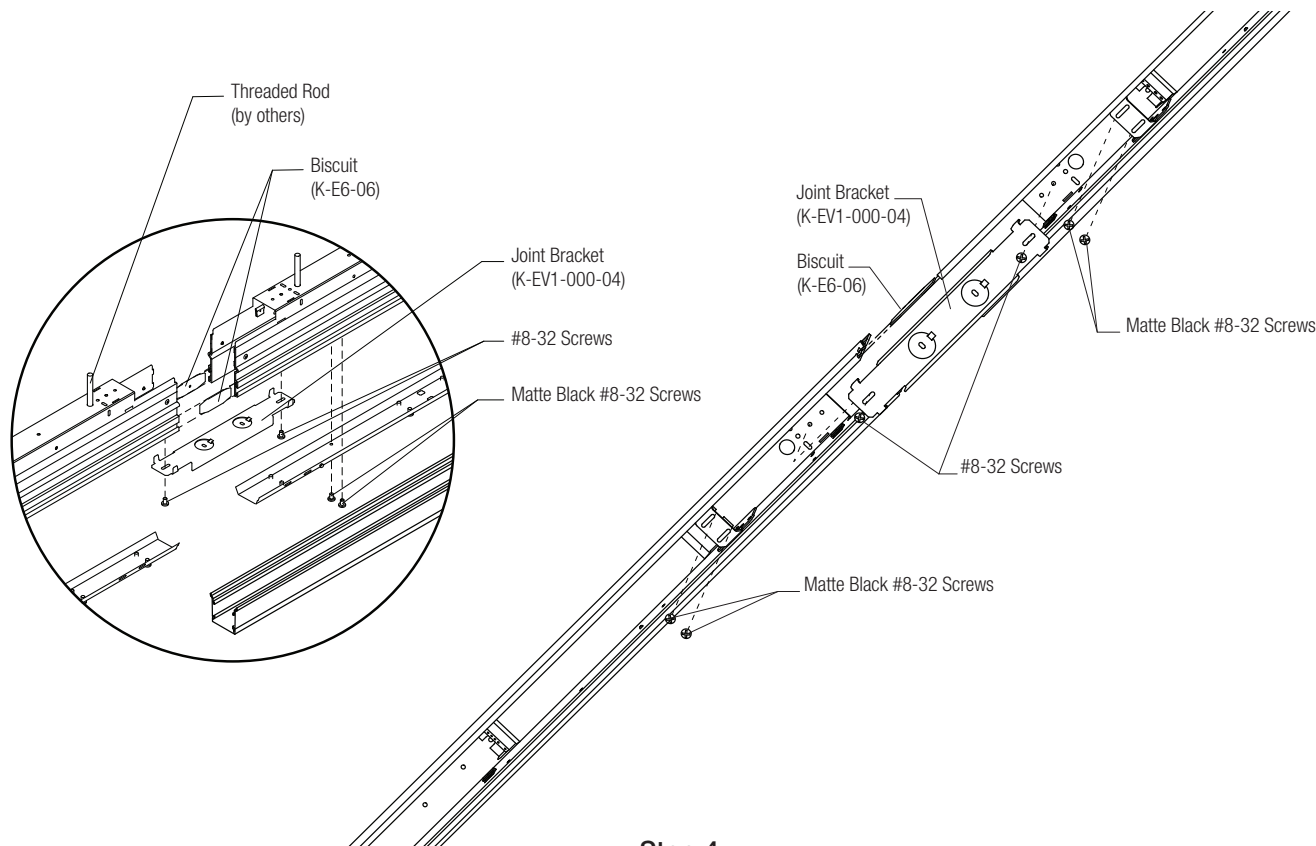
**EDGE**  
EVOLUTION

1

LED

# Non-Flanged - Inaccessible Installation

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## Step 3:

### Individual or First Fixture

1. Remove lens or louver.
2. Remove Reflectors by removing Matte Black #8-32 screws.
2. Surface mount fixture through mounting slot to threaded rod.
3. If first fixture, remove end knock outs for through wiring.  
*(Note: Asymmetric lens option will have sticker on lens indicating wall side)*

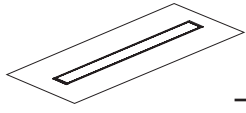
## Step 4:

### 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 and recess into cavity.
7. Secure fixtures together using supplied Joint Bracket and #8-32 Screws.



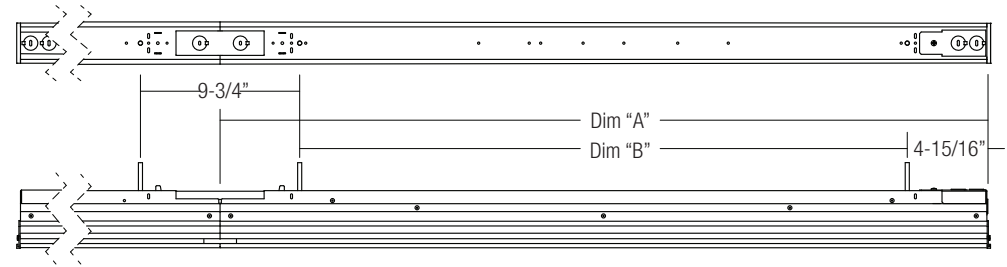
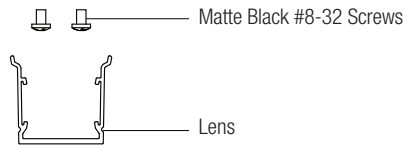
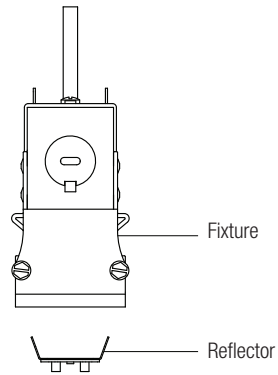
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local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



EDGE  
EVOLUTION 1

# LED Non-Flanged - Inaccessible Installation

[Return to  
Main Menu](#)



First or Intermediate Fixture		
	Dim A	Dim B
2'	24"	14-1/4"
3'	36"	26-1/4"
4'	48"	38-1/4"
5'	60"	50-1/4"
6'	72"	62-1/4"
7'	84"	72-1/4"
8'	96"	86-1/4"
"A" - Actual Fixture Length "B" - Distance between Rods		

Individual or Final Fixture		
	Dim A	Dim B
2'	23"	13-1/4"
3'	35"	25-1/4"
4'	47"	37-1/4"
5'	59"	49-1/4"
6'	71"	61-1/4"
7'	83"	73-1/4"
8'	95"	85-1/4"
"A" - Actual Fixture Length "B" - Distance between Rods		

## Step 5: Finishing

1. Re-install reflector with Matte Black #8-32 Screws.  
*\*note: reflector only installs in one orientation.*
2. Install lens or louver.



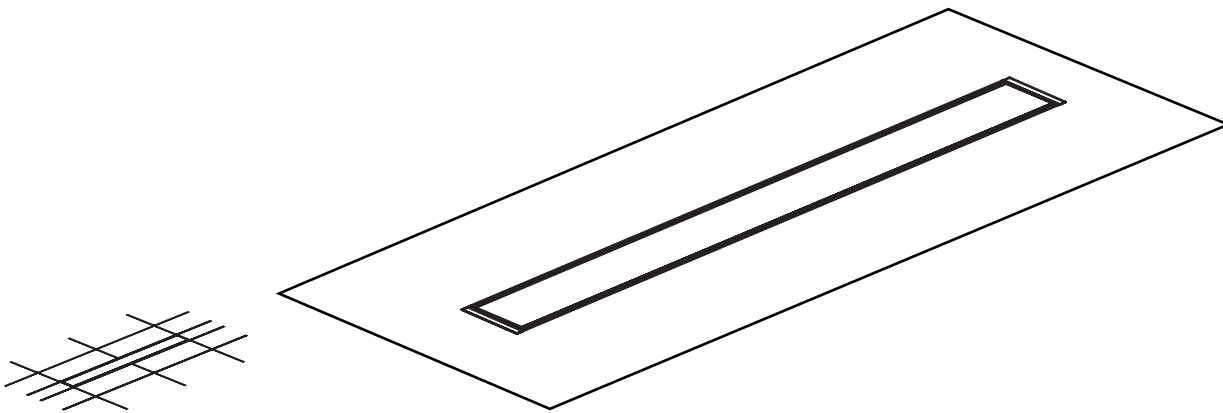
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local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

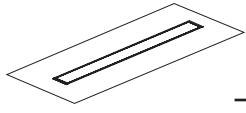




# EDGE Evolution1

LED SPACKLE FLANGE  
INACCESSIBLE INSTALLATION





**EDGE**  
EVOLUTION

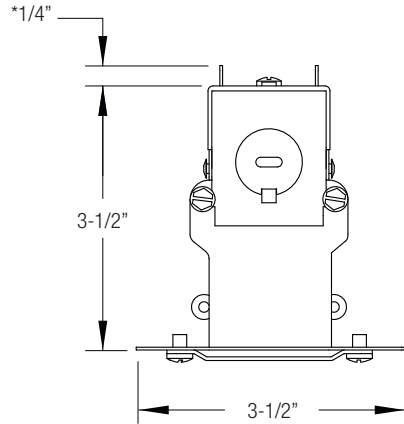
1

**LED**

# Spackle Flange - Inaccessible Installation

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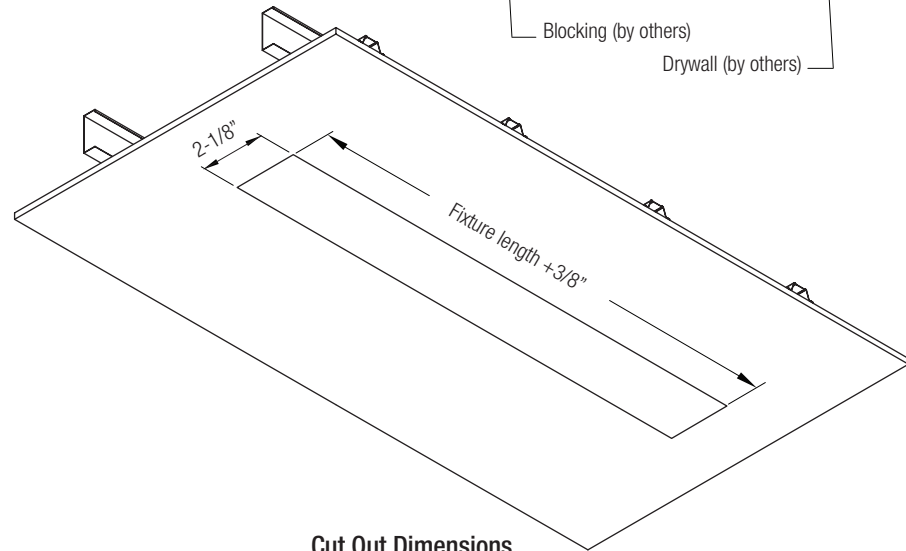
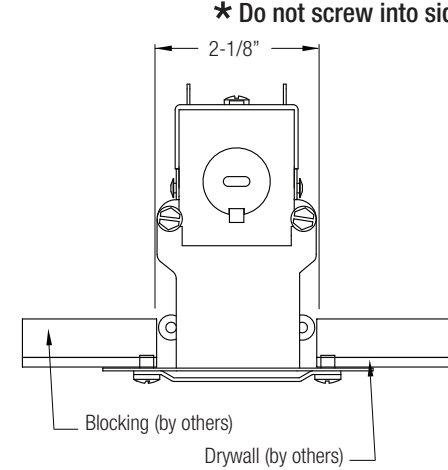
**\* DO NOT SCREW INTO SIDE OF HOUSING \***  
**DO NOT REMOVE CROSS BRACKETS**  
**UNTIL FIXTURE IS INSTALLED**



**Front View**

\*Fixture height increases by 1/4" when a joint bracket is used for continuous rows.

**Recommended opening = 2-1/8"**



**Cut Out Dimensions**

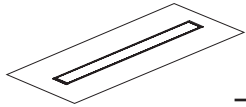
## Step 1:

### 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.



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 90°C 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.



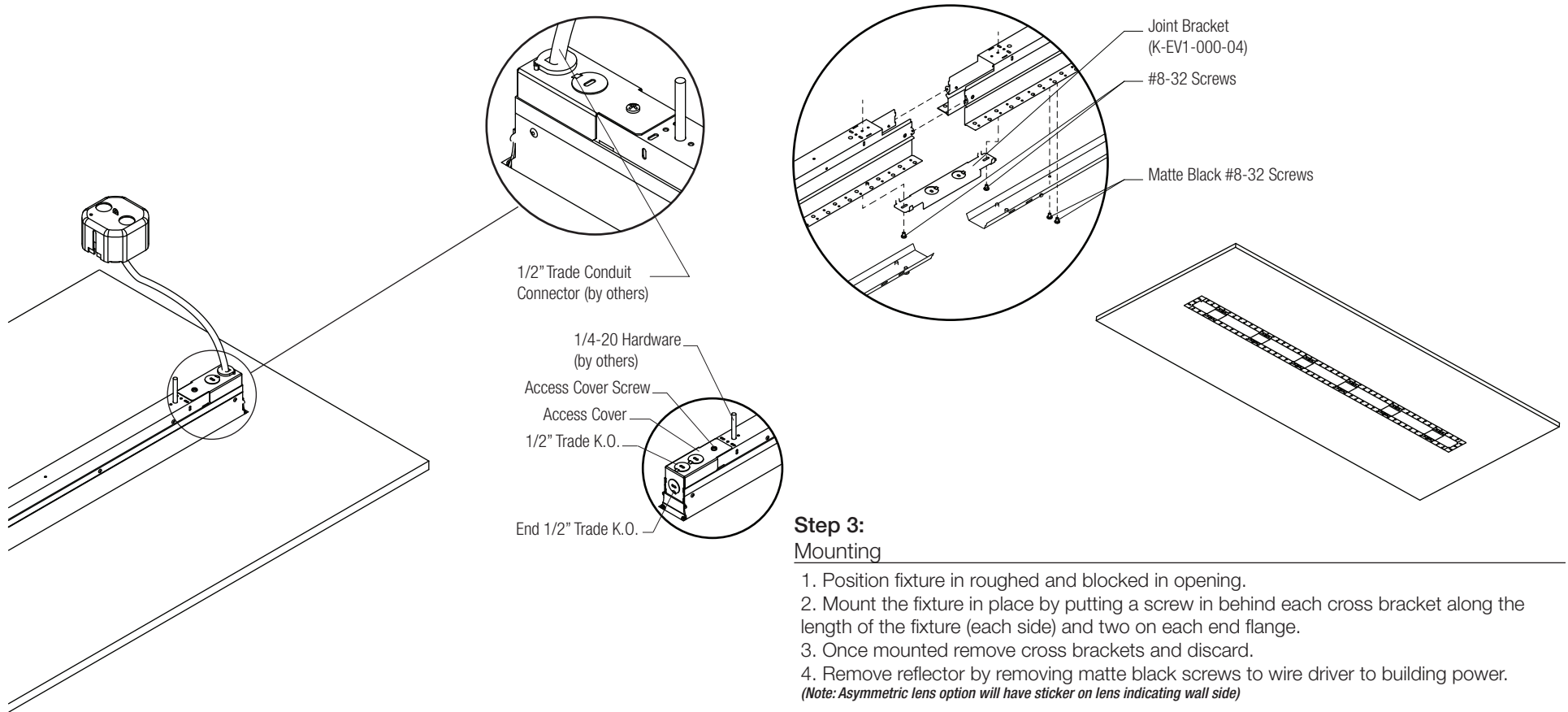
**EDGE**  
EVOLUTION

1

LED

## Spackle Flange - Inaccessible Installation

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Main Menu](#)



### Step 2:

#### Making the Connections

1. Remove applicable access cover.
2. Attach conduit to access cover using 1/2" trade fittings.
3. Make electrical connections inside fixture.
4. Replace access cover.

### Step 3:

#### Mounting

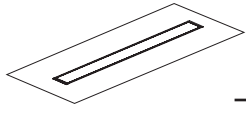
1. Position fixture in roughed and blocked in opening.
2. Mount the fixture in place by putting a screw in behind each cross bracket along the length of the fixture (each side) and two on each end flange.
3. Once mounted remove cross brackets and discard.
4. Remove reflector by removing matte black screws to wire driver to building power.  
*(Note: Asymmetric lens option will have sticker on lens indicating wall side)*

#### For Continuous Runs

1. Remove lens or louver.
2. Remove end knock outs between fixtures.
3. Install end trims on all non-joining ends.
4. Lift fixture into roughed out opening.
5. Mount fixtures in place by putting a screw in behind each cross bracket along the fixture.
6. Remove reflector by removing matte black #8-32 screws.
7. Join fixtures together using supplied joint bracket and #8-32 screws from inside the fixture.



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 90°C 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.



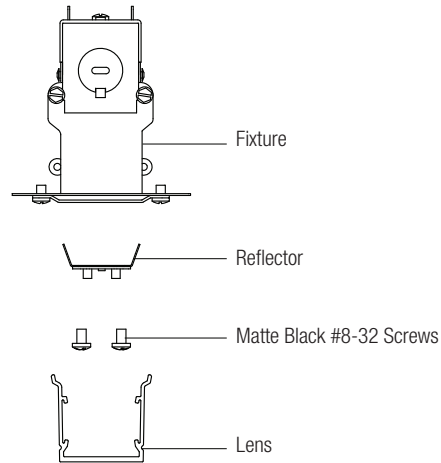
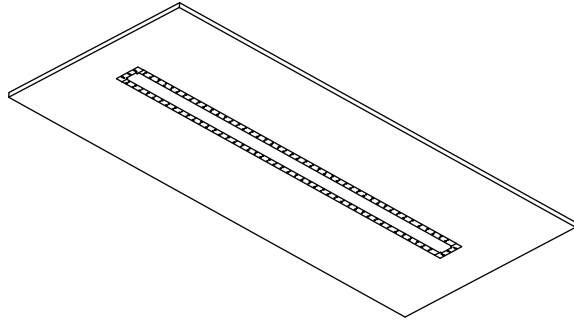
EDGE  
EVOLUTION

1

LED

# Spackle Flange - Inaccessible Installation

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Main Menu



## Row Configuration Notes:

- Actual row lengths may vary from "Nominal".
- Actual overall row length may be calculated using table above.
- Battery fixtures have test switch and indicator light removed (conduit and J-Box by others).

BOR - Beginning of run  
INT - Intermediate fixture  
EOR - End of run  
IND - Individual fixture

## Row Configuration Chart

Nominal Row Length	Actual Row Length	Fixture Units in Row Configuration
2 ft	1' 11"	23"
3 ft	2' 11"	35"
4 ft	3' 11"	47"
5 ft	4' 11"	59"
6 ft	5' 11"	71"
7 ft	6' 11"	83"
8 ft	7' 11"	95"
9 ft	8' 11"	59" + 48"
10 ft	9' 11"	71" + 48"
11 ft	10' 11"	83" + 48"
12 ft	11' 11"	96" + 47"
13 ft	12' 11"	96" + 59"
14 ft	13' 11"	96" + 71"
15 ft	14' 11"	96" + 83"
16 ft	15' 11"	96" + 95"
17 ft	16' 11"	96" + 59" + 48"
18 ft	17' 11"	96" + 71" + 48"
19 ft	18' 11"	96" + 83" + 48"
20 ft	19' 11"	96" + 96" + 47"
21 ft	20' 11"	96" + 96" + 59"
22 ft	21' 11"	96" + 96" + 71"
23 ft	22' 11"	96" + 96" + 83"
24 ft	23' 11"	96" + 96" + 95"
25 ft	24' 11"	96" + 96" + 59" + 48"

## Step 5: Finishing

1. Re-install reflectors with Matte Black #8-32 Screws
2. Install lens or louver.

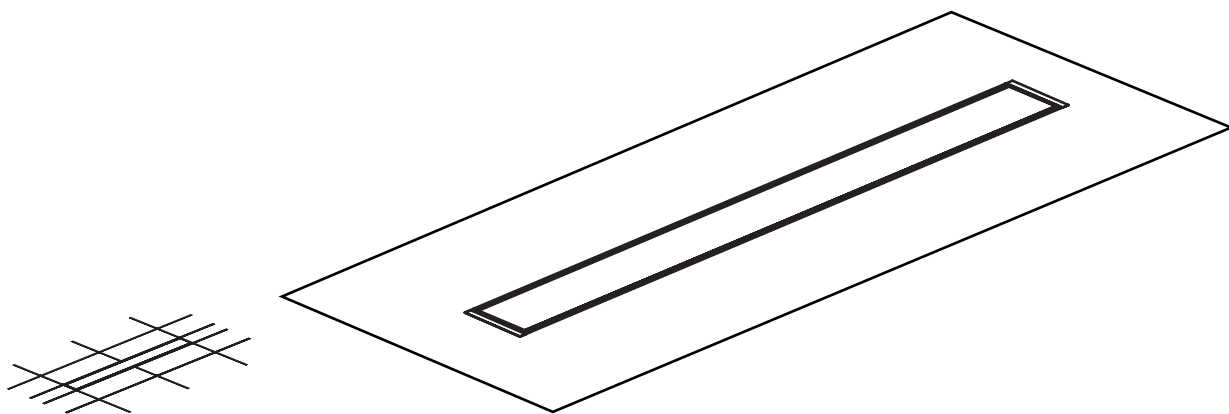


1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local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



# EDGE Evolution1

LED  
PERIMETER MOUNT

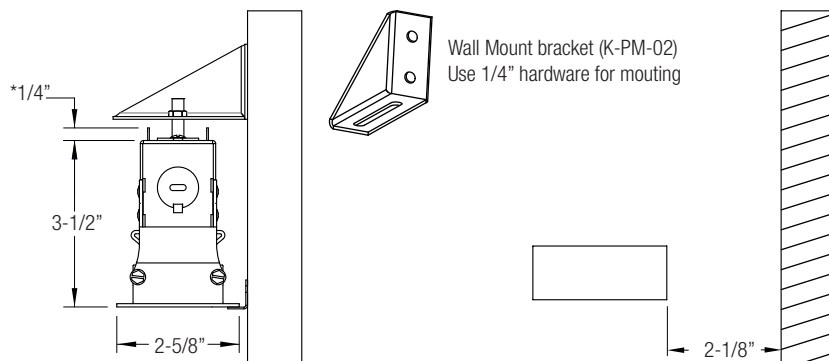






# EDGE EVOLUTION 1 LED Perimeter Mount

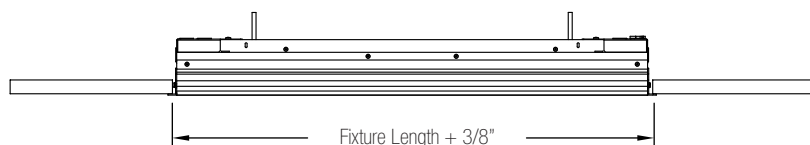
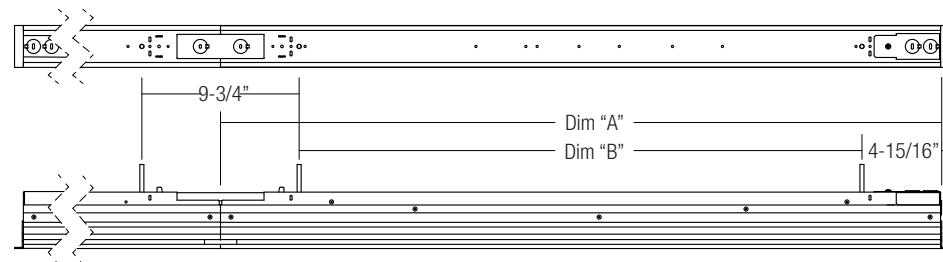
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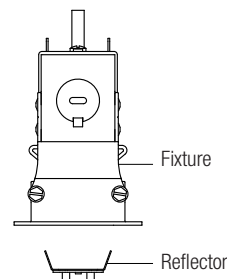
**Front View**

**Rough-In**

\*Fixture height increases by 1/4" when a joint bracket is used for continuous rows.



Fixture length can be found on fixture label inside 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.



First or Intermediate Fixture		
	Dim A	Dim B
2'	24"	14-1/4"
3'	36"	26-1/4"
4'	48"	38-1/4"
5'	60"	50-1/4"
6'	72"	62-1/4"
7'	84"	72-1/4"
8'	96"	86-1/4"
"A" - Actual Fixture Length "B" - Distance between Rods		

Individual or Final Fixture		
	Dim A	Dim B
2'	23"	13-1/4"
3'	35"	25-1/4"
4'	47"	37-1/4"
5'	59"	49-1/4"
6'	71"	61-1/4"
7'	83"	73-1/4"
8'	95"	85-1/4"
"A" - Actual Fixture Length "B" - Distance between Rods		

## Install Directions

1. Remove lens/ louver options and reflector.
2. Housing mounts to bracket via 1/4-20 screw. (2 per fixture)
3. The First fixture in each row requires 2 mount locations all others require one.

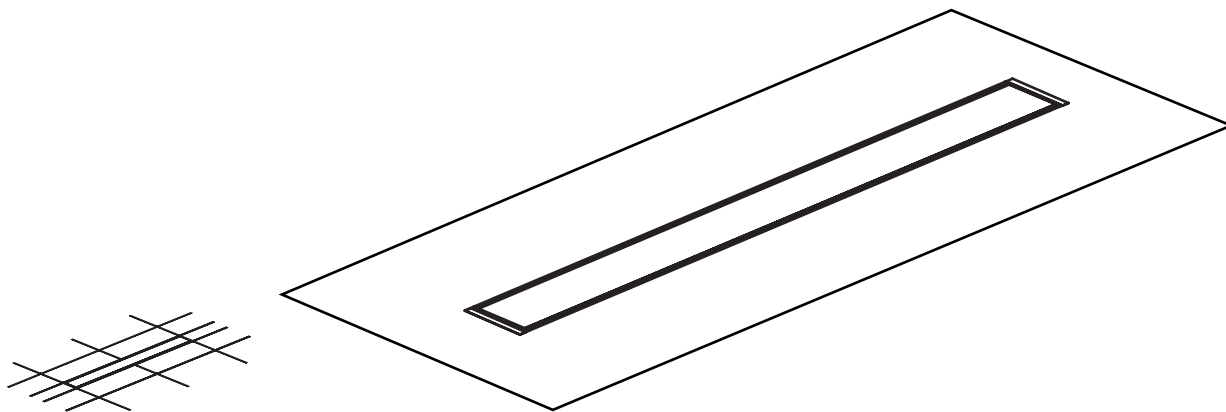


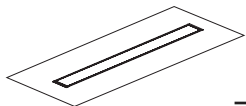
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local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



# EDGE Evolution1

LED ROTATING CROSSBAR  
INACCESSIBLE INSTALLATION





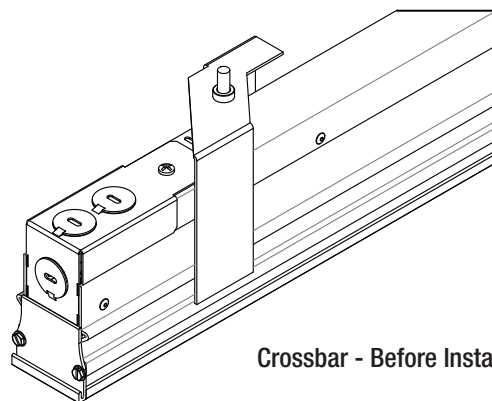
**EDGE**  
EVOLUTION

1

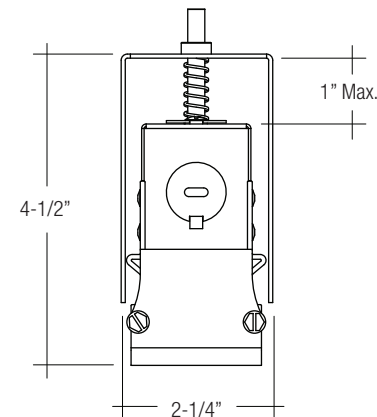
LED

# Rotating Crossbar - Inaccessible Installation

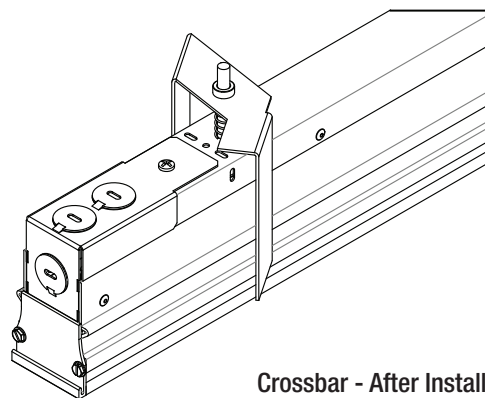
[Return to  
Main Menu](#)



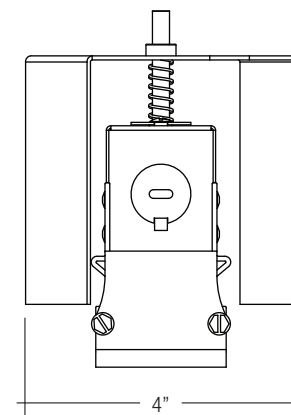
Crossbar - Before Installation



Before Installation



Crossbar - After Installation



After Installation

## Install Directions

1. Remove lens/ louver options.
2. Locate 1/4-20 screw in fixture housing.
3. Ensure the crossbar is in the 'Before Installation' position (see above).
4. Slide the fixture into the roughed in opening.
6. Rotate crossbar using the 1/4-20 screw in the fixture.
7. Adjust height of the fixture by tightening screw.

*(Note: Asymmetric lens option will have sticker on lens indicating wall side)*

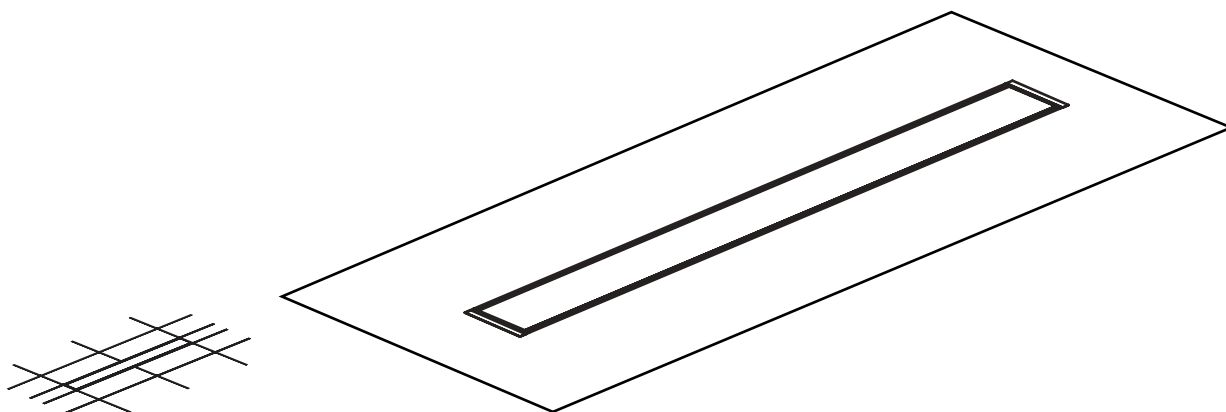
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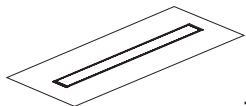




# EDGE Evolution1

LENS  
DETAIL

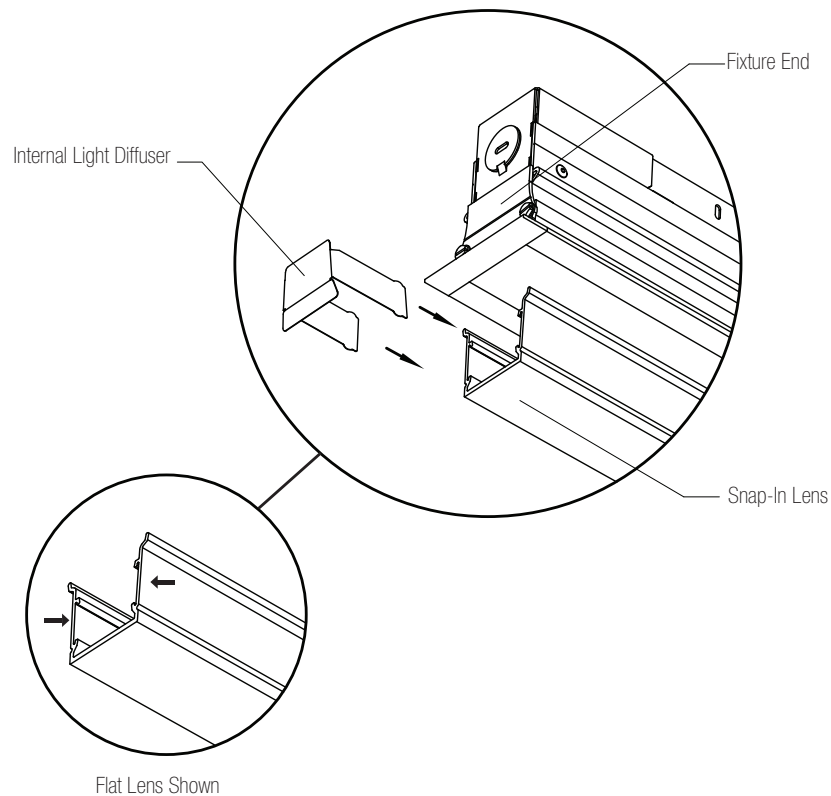




## Lens Installation

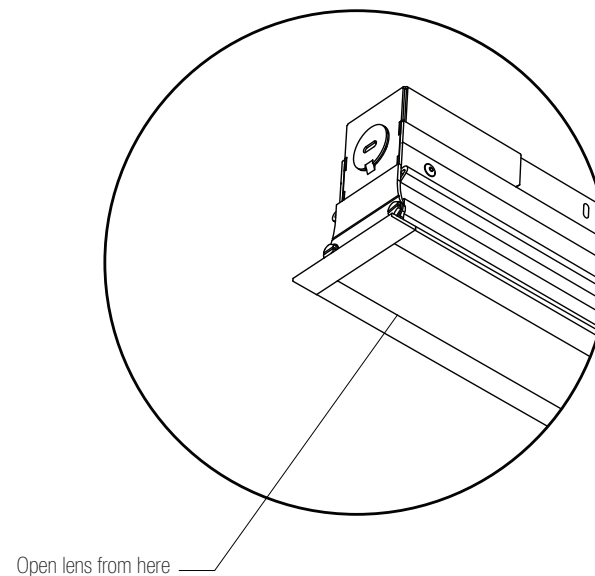
1. Begin at one end of the lens and squeeze sides to allow it to flex.
2. Insert end of lens into place. Lens will snap into place when installed properly.
3. Slowly insert rest of lens down the length of the fixture
4. Lens will have Internal Light Diffusers (one for each end). Light diffuser fills gaps that might occur because of thermal expansion.

*(Note: Asymmetric lens option will have sticker on lens indicating wall side)*



## 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.



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