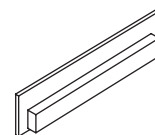
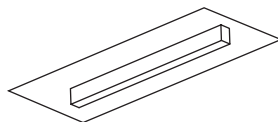
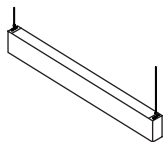




# EDGE Evolution EX1 **INSTALLATION INSTRUCTIONS**

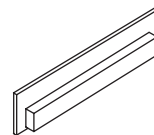
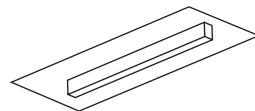
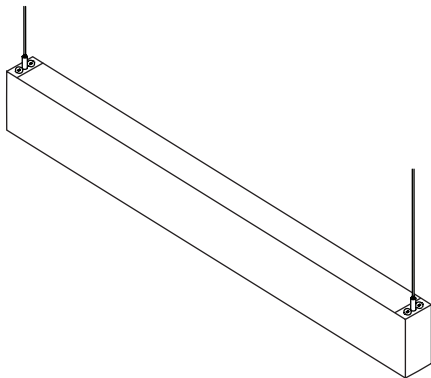
LED AC to JB Mount Installation .....	2-4
LED Wall Mount Installation .....	5-7
LED Surface Mount Installation .....	8-10
Connector Details .....	11-14
Lens Detail .....	15-16

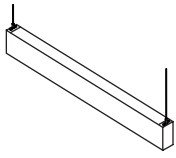




# EDGE Evolution EX1

AC TO JB  
INSTALLATION



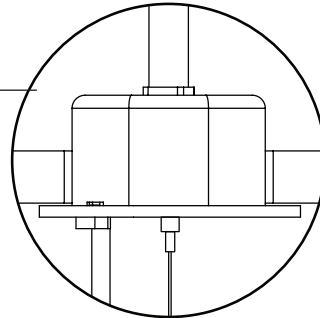


# EDGE EVOLUTION EX1 EX1B LED AC - to - JB Mount

Return to Main Menu

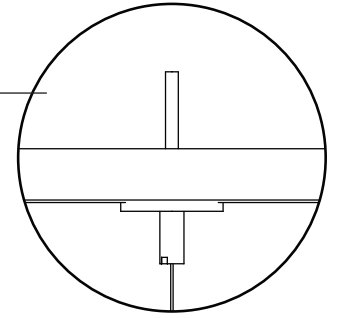
## Step 1: Power at Ceiling

1. Layout mounting/ junction box locations. Begin row with fixture label at first mounting point.
2. Install crossbar to 4"-octagonal junction box
3. Run SJT cord through canopy and into junction box, secure with strain relief.
4. Make all necessary wiring connections.
5. Feed aircraft cable through coupler, secure canopy to crossbar bolt using coupler.

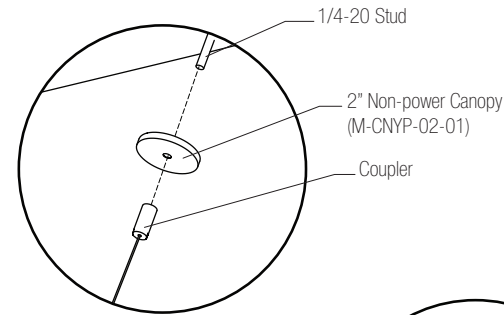
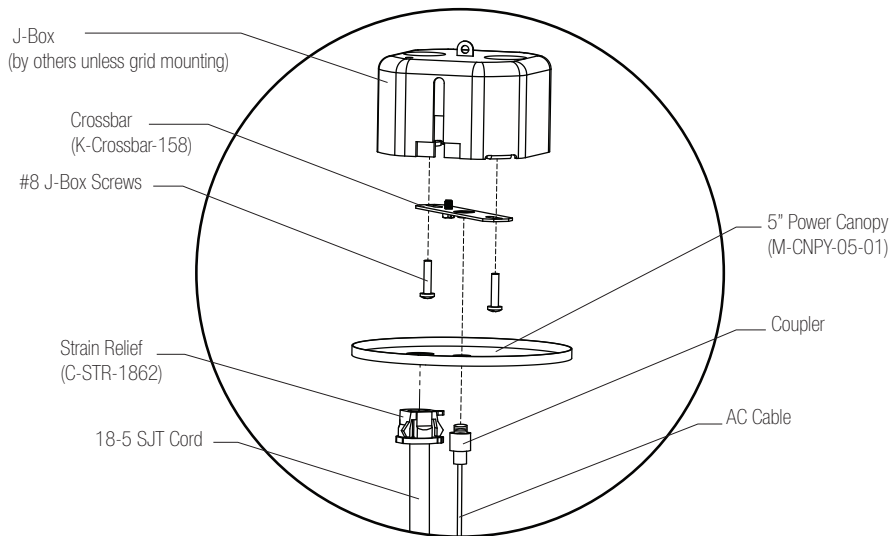


## Step 2: Non Power Mount

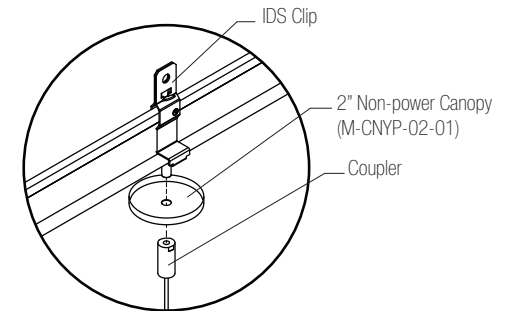
1. Install 1/4-20 stud or IDS Clip for non-power mounts (1/2" below ceiling plane).
2. Feed aircraft cable through coupler.
3. Secure canopy to stud or IDS Clip using coupler.



\* Stud sits 1/2" Below Ceiling Plane



Inaccessible Ceiling



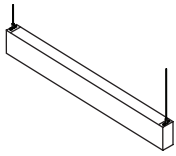
Grid Ceiling

AC cables with damage, bends, kinks, fraying, or knots must be discarded and replaced with new components. Never install a fixture where the AC cable is more than 5 degrees from perpendicular to the fixture. Fixtures are never to be raised by the cables (instead, lift the fixture up and adjust the cable position). Overtightening of hardware on grippers can damage AC cables. Never exert force down onto the top of the fixture once it is hanging by safety cables. Never cut safety cables prior to installation. The first zip tie on the SJT and AC cables below the ceiling/canopy must be no closer than 12" from the ceiling/canopy



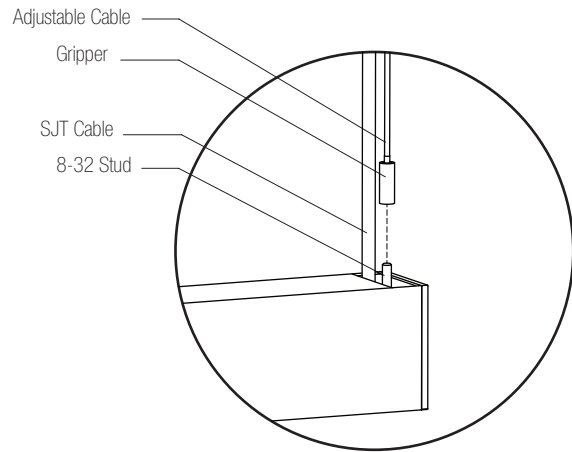
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local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

4. Fixtures must be mounted directly to structure.
5. The holding strength of AC cables cannot be guaranteed if the cables are damaged in any way.
6. 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.



# EDGE EVOLUTION EX1 EX1B LED AC - to - JB Mount

Return to Main Menu

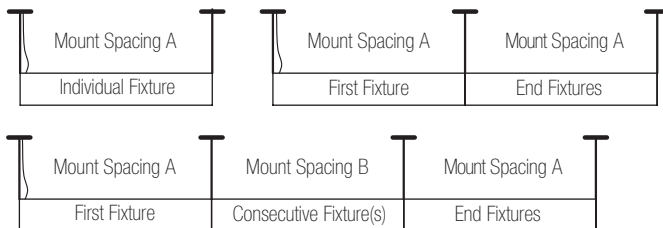


### Step 3: AC Mounting

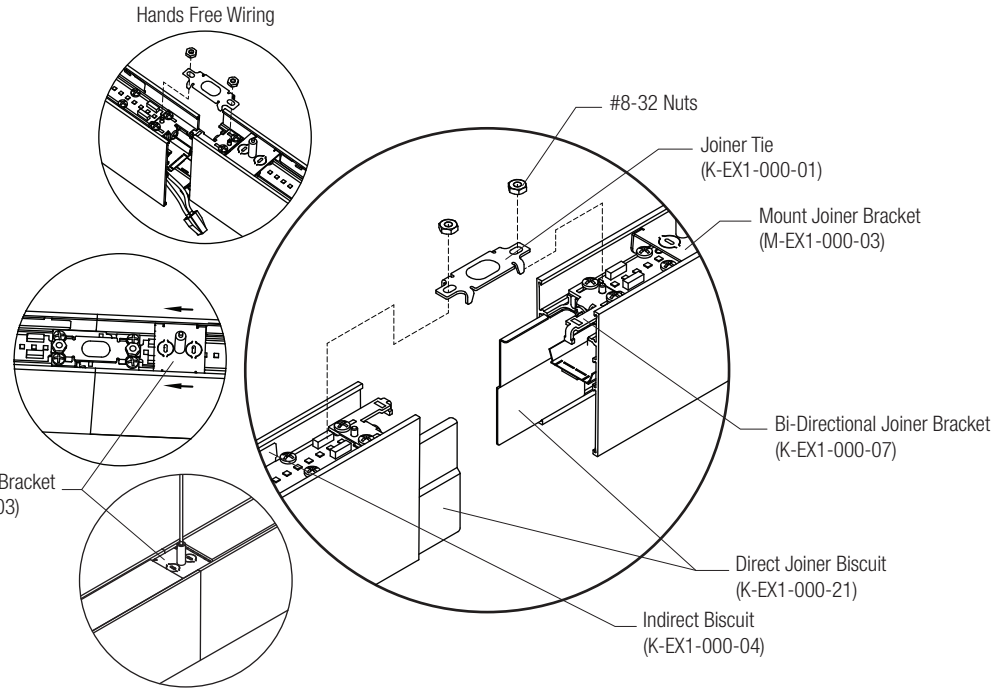
1. Attach gripper to #8-32 Stud on mounting bracket
  2. Slide aircraft cable through gripper.
  3. Adjust gripper side to side to level fixture then tighten.
  4. Repeat process for each subsequent fixture.
  5. Re-level previous fixtures as necessary.
- (Note: Asymmetric lens option will have sticker on lens indicating wall side)*

### Mount Spacing

Aircraft Cable - Example Rows



Length	A	B
2'	23-1/2"	24"
3'	35-1/2"	36"
4'	47-1/2"	48"
5'	59-1/2"	60"
6'	71-1/2"	72"
7'	83-1/2"	84"
8'	95-1/2"	96"



### Step 4: Joining Fixtures

1. Remove all lenses and cover plates. (If fixture is direct only it will have a cover plate on top side of fixture, if fixture is bi-directional it will be lensed on both sides.)
2. Slide the Mount Joiner Bracket out of the way to allow for assembly.
3. Connect AC cable from ceiling mount to Mount Joiner Bracket.
4. Repeat step 2 and 3 for all over fixtures as needed.
5. Hang fixtures together by hooking Joiner Brackets together.
6. Make all necessary wiring connections while the fixtures are interlocked.
7. Unhook fixture from the Mount Joiner Bracket.
8. Push fixtures together using the Direct Joiner Biscuits as guides.
9. Place the Joiner Tie over the #8-32 studs sticking out of the Joiner Brackets and secure with supplied nuts.
10. Slide Mount Joiner Bracket to the middle of joint.
11. Once all fixtures are connected replace all lenses and cover plates.



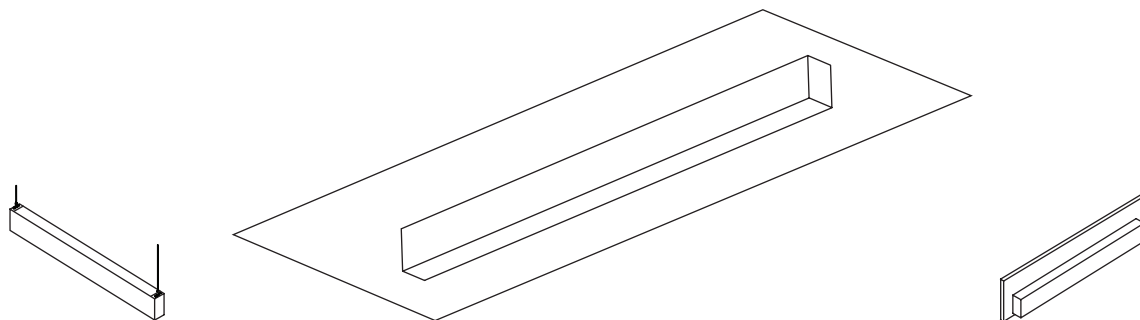
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.  
 2. Minimum 90°C supply conductors  
 3. All electrical connections must be performed by a certified electrician to applicable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

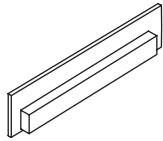
4. Fixtures must be mounted directly to structure.  
 5. The holding strength of AC cables cannot be guaranteed if the cables are damaged in any way.  
 6. All of Pinnacle's packaging is recyclable with the exception of the straps on the pallets. Please reach out to the factory if you need assistance in recycling any packaging components.



# EDGE Evolution EX1

WALL MOUNT  
INSTALLATION



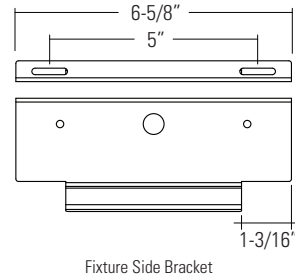
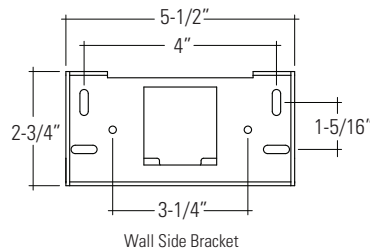
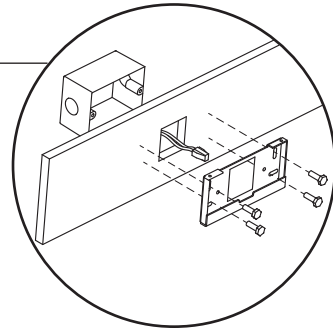


# EDGE EX1 LED EVOLUTION EX1B Wall Mount Instructions

Return to Main Menu

## Step 1: Wall Bracket

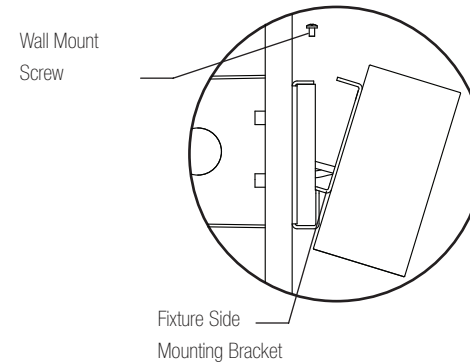
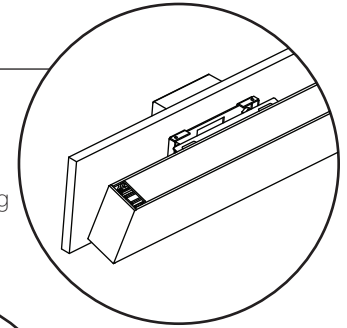
1. Attach wall side bracket to structure via #10 mounting hardware (by others).
2. If power side, mount bracket in line with 2x4 junction box (by others).
3. Bring power in through junction box.
4. Follow mount spacing on next page for additional mounting points.



## Step 2: Power Mount

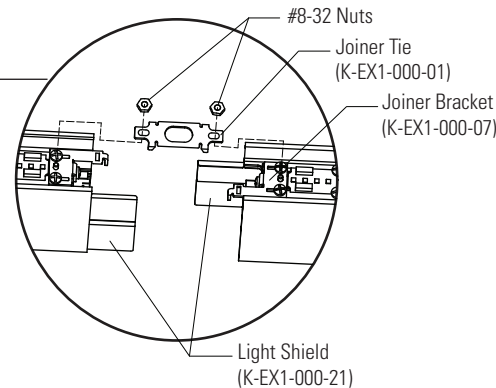
1. To power fixture attach building power to fixture power wires using push nuts.
2. Recess connections into junction box.
3. Attach fixture to wall bracket as shown.
4. Make necessary adjustments laterally prior to tightening wall mount screw.

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



## Step 3: Joining Fixtures

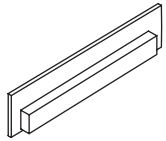
1. Remove all lenses.
2. Mount next fixture in row.
3. Make necessary wiring connections between fixtures.
4. Slide the fixtures together using the Light Shields as guides.
5. Place Joiner Tie into the slots of the Joiner Brackets on both fixtures.
6. Secure Joiner Tie using (2) #8-32 Nuts.
7. Tighten Wall Bracket Screws.
8. Replace Lenses.
9. Repeat for all subsequent 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 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.

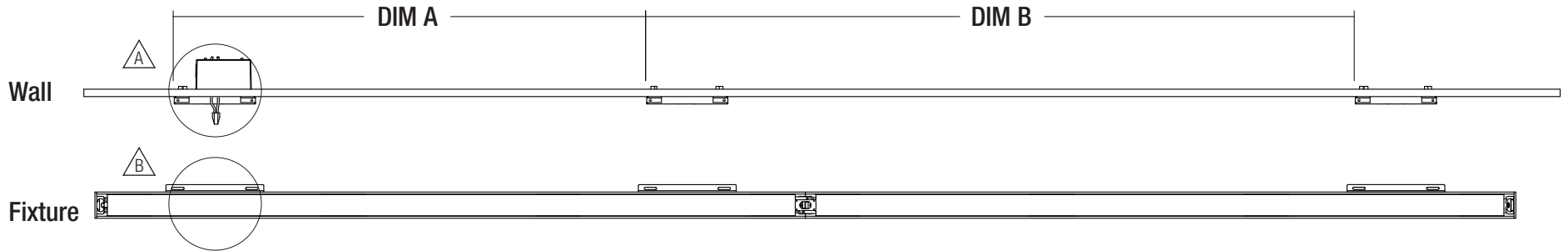
4. Fixtures must be mounted directly to structure.
5. The holding strength of AC cables cannot be guaranteed if the cables are damaged in any way.
6. All of Pinnacle's packaging is recyclable with the exception of the straps on the pallets. Please reach out to the factory if you need assistance in recycling any packaging components.



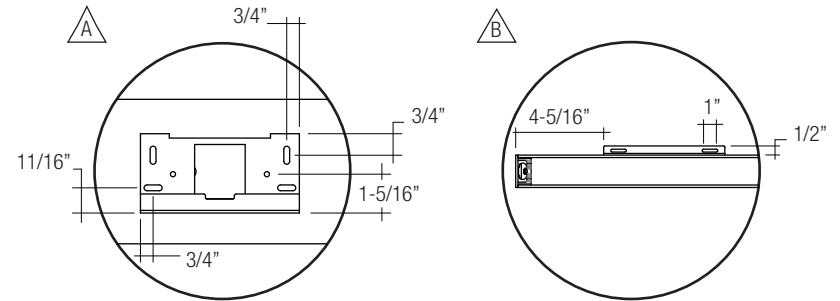


# EDGE EVOLUTION EX1 EX1B LED Wall Mount Instructions

Return to Main Menu



\* Note: Power typically \*  
on left side of fixture.



**Beginning of Row or Independent Fixture**  
(2 mounting brackets)

Nominal Fixture Length	Dim "A"
2'	8"
3'	20"
4'	32"
5'	44"
6'	56"
7'	68"
8'	80"

**Intermediate or End of Row Fixture**  
(1 mounting bracket)

Nominal Fixture Length	Dim "B"
2'	24"
3'	36"
4'	48"
5'	60"
6'	72"
7'	84"
8'	96"



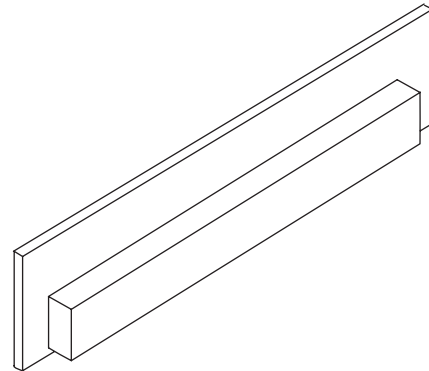
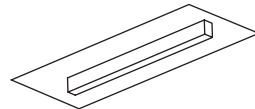
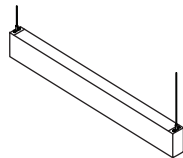
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local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

4. Fixtures must be mounted directly to structure.
5. The holding strength of AC cables cannot be guaranteed if the cables are damaged in any way.
6. 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.

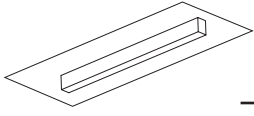


# EDGE Evolution EX1

SURFACE  
INSTALLATION

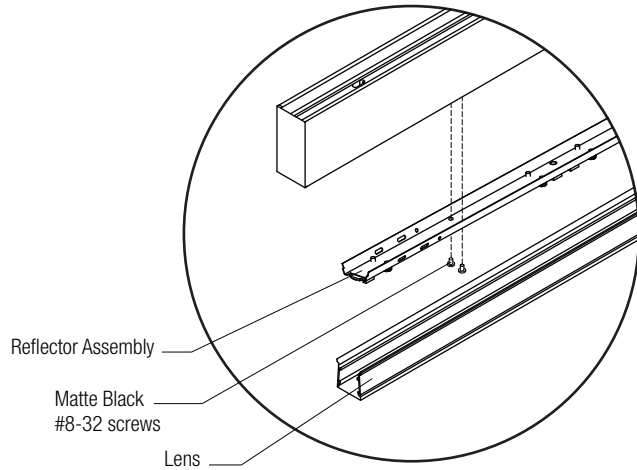






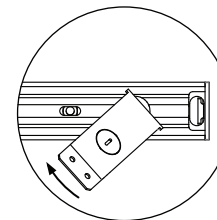
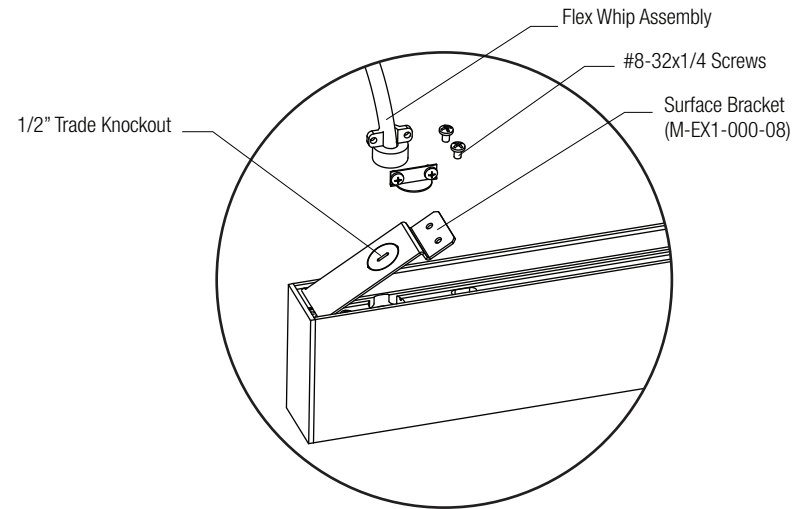
**Step 1:**  
Fixture Prep

1. Ensure proper support behind the fixture (see chart on page 2 for mounting locations).
2. Remove lenses.
3. Remove Matte Black #8-32 screws to remove the reflector assembly.

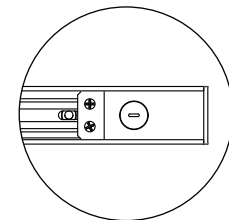


**Step 2:**  
Surface Mounting Bracket and Power

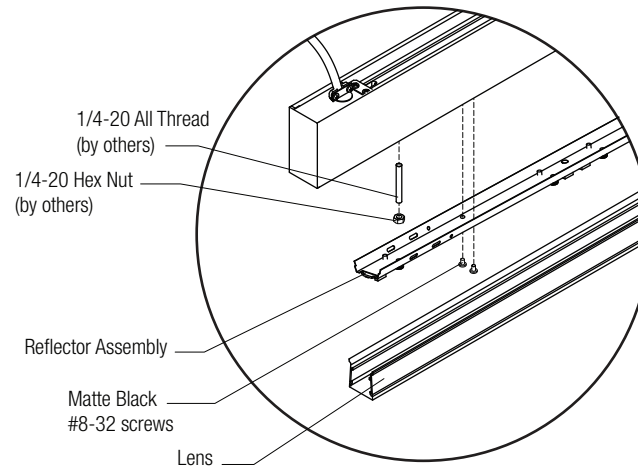
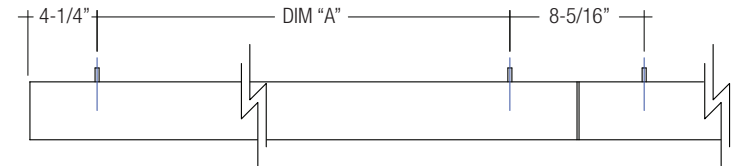
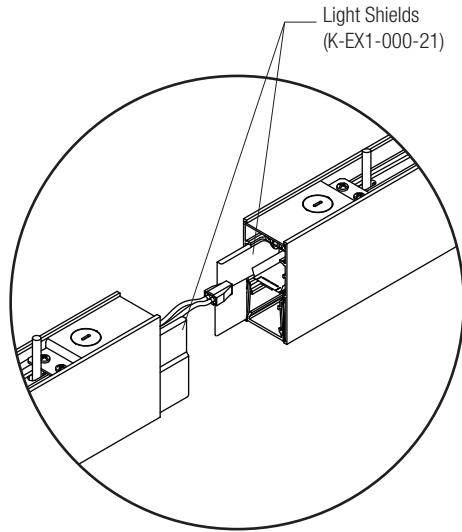
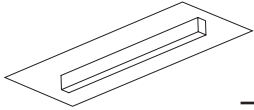
1. Remove knockout from Surface Bracket.
2. Feed flexwhip into the knockout and secure using strain relief.
3. Insert tab side of Surface Bracket into housing and rotate until locked in place.
4. Slide Surface Bracket to end of fixture and secure with two #8-32 screws. (A.1-A.2)
5. Make all necessary wiring connections inside the fixture.



A.1 Initial Position



A.2 Installed Position



Fixture Length	DIM "A"
2'	15-11/16"
3'	27-11/16"
4'	39-11/16"
5'	51-11/16"
6'	63-11/16"
7'	75-11/16"
8'	87-11/16"

### Step 3: Joining Fixtures

1. If joining fixtures, fixtures are through wired.
2. Make all necessary wiring connections between fixtures.
3. Recess wires into fixture.
4. Slide fixtures together using Light Shields to align fixtures.

### Step 4: Mounting and Finishing

1. When mounting fixtures each fixture has two mounting points.
2. With Reflector assembly removed mount the fixture to the surface through the housing using 1/4-20 hardware (by others).
3. Once mounted re-install all Reflectors and Lenses.  
*(Note: Asymmetric lens option will have sticker on lens indicating wall side)*

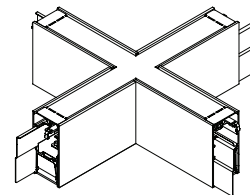
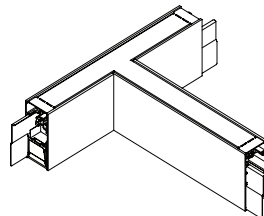
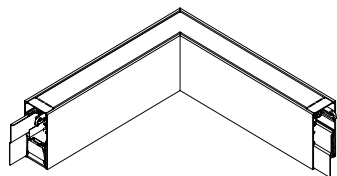


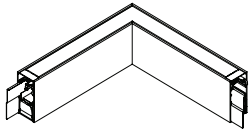
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.  
 2. Minimum 90°C supply conductors  
 3. All electrical connections must be performed by a certified electrician to applicable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

4. Fixtures must be mounted directly to structure.  
 5. The holding strength of AC cables cannot be guaranteed if the cables are damaged in any way.  
 6. 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.



# EDGE EX1 EX1B CONNECTOR INSTALLATION DETAILS



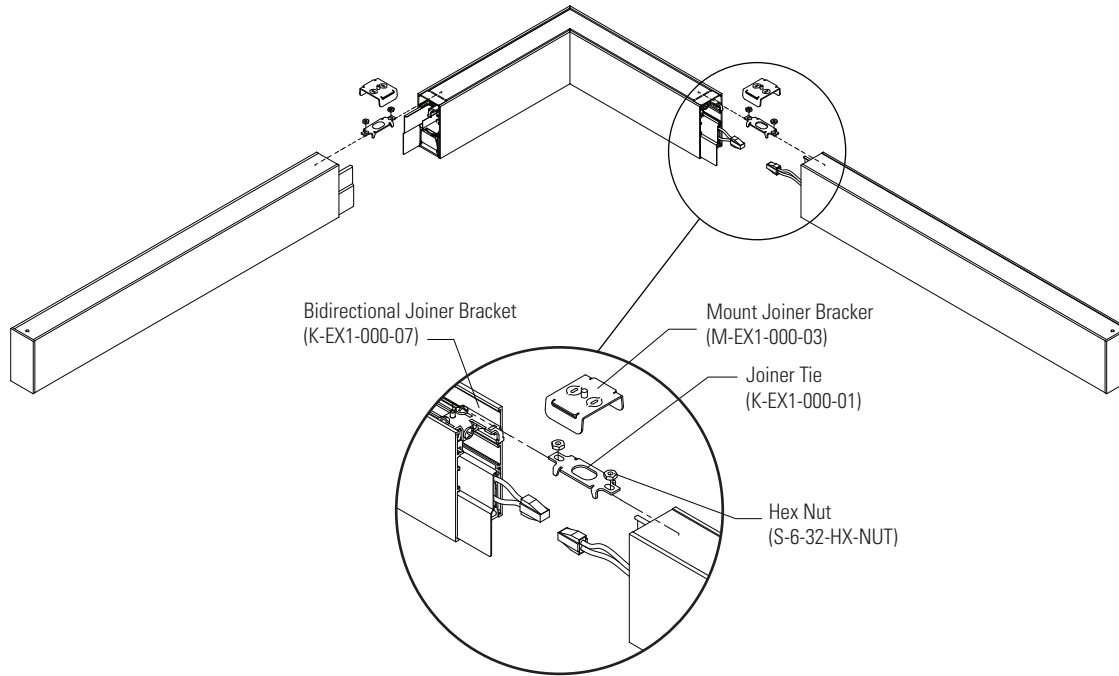


# EDGE EX1 EX1B

## Horizontal Corner Installation Detail

Return to Main Menu

Please reference applicable installation sheet for further details and mounting information.

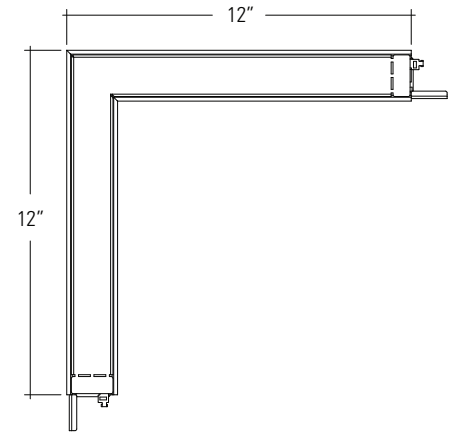


### Corner Piece:

1. Layout run pattern, and install mounting hardware. *(Note: corner piece has one mount point.)*
2. Mount fixture(s) first, use fixture(s) to support corner during installation.
3. Join fixtures together.

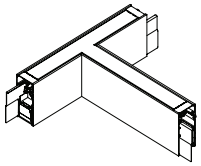
### Joining Fixtures

1. Install two (2) #8-32 bolts into each fixture as shown.
2. Raise adjoining fixture and slip bolt heads through key-hole slot.
3. Attach mounting to fixture.
4. Make necessary wiring connections between fixtures.
5. Tighten the previously installed #8-32x1-1/8" (1/2 turn past hand tight) to complete joining and create ground.



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3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.

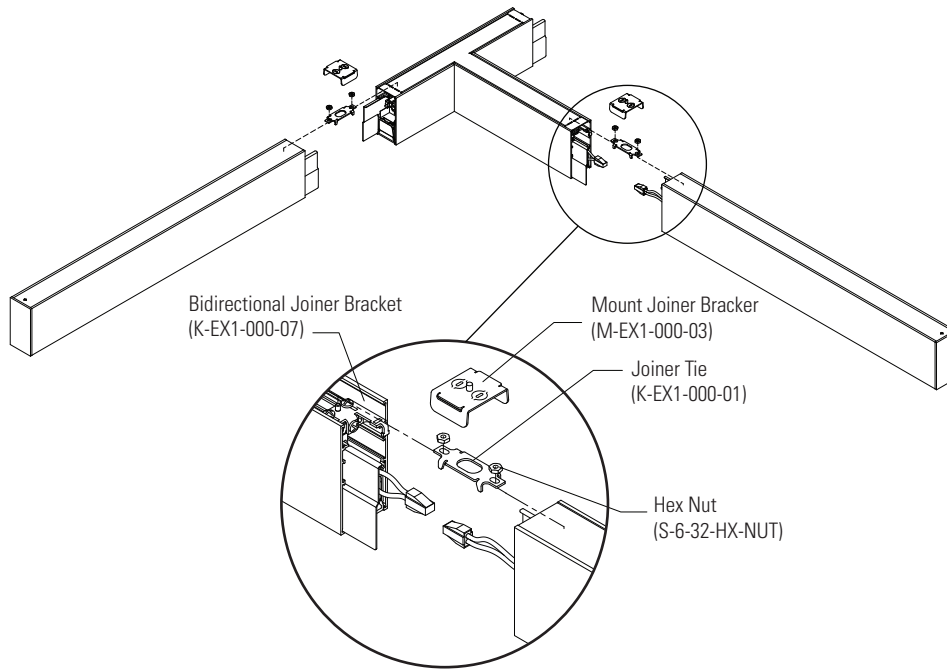
4. Fixtures must be mounted directly to structure.
5. The holding strength of AC cables cannot be guaranteed if the cables are damaged in any way.
6. All of Pinnacle's packaging is recyclable with the exception of the straps on the pallets. Please reach out to the factory if you need assistance in recycling any packaging components.



# EDGE EX1 EX1B "T" Corner Installation Detail

Return to  
Main Menu

Please reference applicable installation sheet for further details and mounting information.

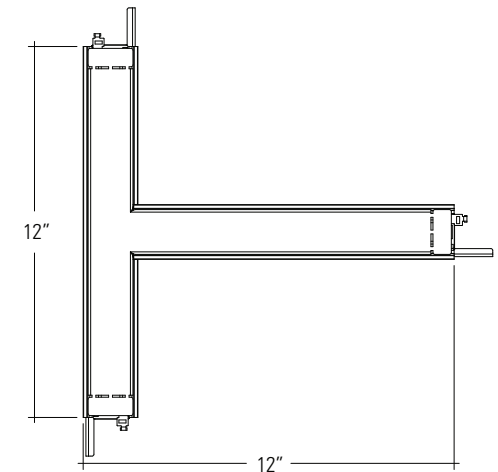


## Corner Piece:

1. Layout run pattern, and install mounting hardware. (*Note: corner piece has one mount point.*)
2. Mount fixture(s) first, use fixture(s) to support corner during installation.
3. Join fixtures together.

## Joining Fixtures

1. Install two (2) #8-32 bolts into each fixture as shown.
2. Raise adjoining fixture and slip bolt heads through key-hole slot.
3. Attach mounting to fixture.
4. Make necessary wiring connections between fixtures.
5. Tighten the previously installed #8-32x1-1/8" (1/2 turn past hand tight) to complete joining and create ground.



Designed in Denver Colorado

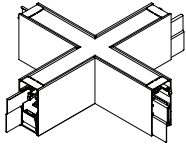
Phone: 303.322.5570

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EX1\_EX1B\_INSTALLS\_MAY2022

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.

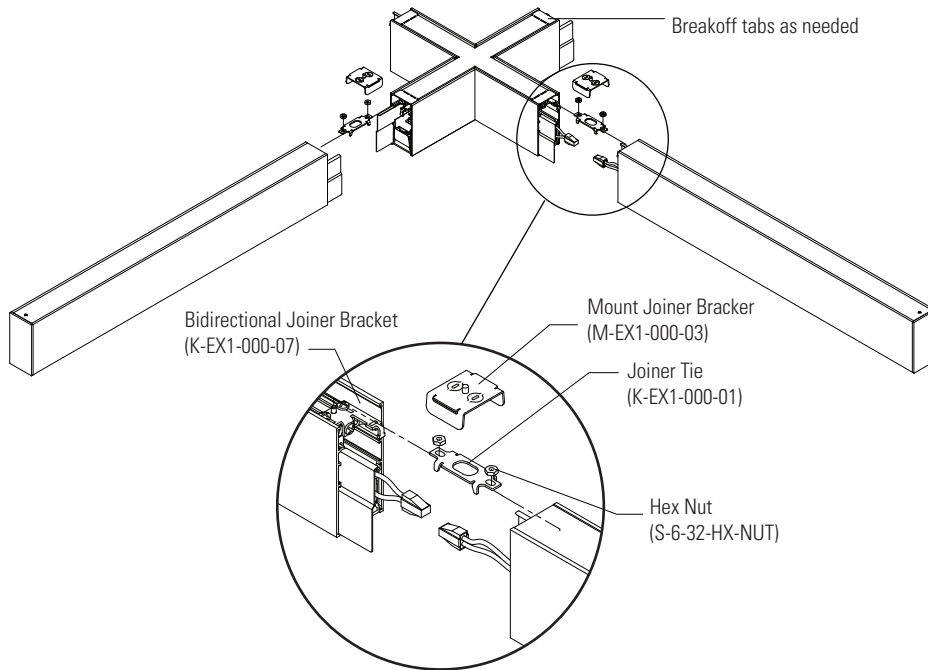
4. Fixtures must be mounted directly to structure.  
5. The holding strength of AC cables cannot be guaranteed if the cables are damaged in any way.  
6. All of Pinnacle's packaging is recyclable with the exception of the straps on the pallets. Please reach out to the factory if you need assistance in recycling any packaging components.



# EDGE EX1 EX1B “X” Corner Installation Detail

Return to  
Main Menu

Please reference applicable installation sheet for further details and mounting information.

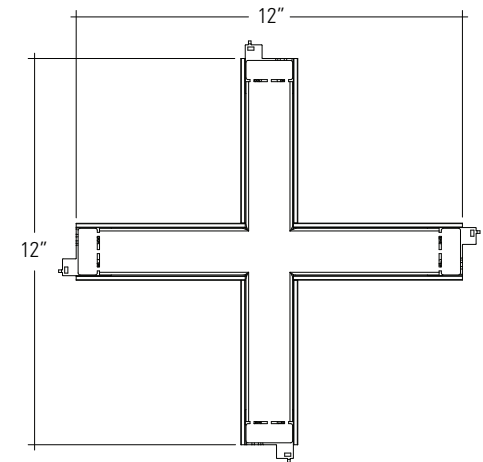


## Corner Piece:

1. Layout run pattern, and install mounting hardware. (**Note: corner piece has one mount point.**)
2. Mount fixture(s) first, use fixture(s) to support corner during installation.
3. Join fixtures together.

## Joining Fixtures

1. Install two (2) #8-32 bolts into each fixture as shown.
2. Raise adjoining fixture and slip bolt heads through key-hole slot.
3. Attach mounting to fixture.
4. Make necessary wiring connections between fixtures.
5. Tighten the previously installed #8-32x1-1/8" (1/2 turn past hand tight) to complete joining and create ground.



Designed in Denver Colorado

Phone: 303.322.5570

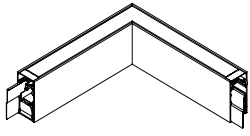
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EX1\_EX1B\_INSTALLS\_MAY2022

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.
5. The holding strength of AC cables cannot be guaranteed if the cables are damaged in any way.
6. 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.

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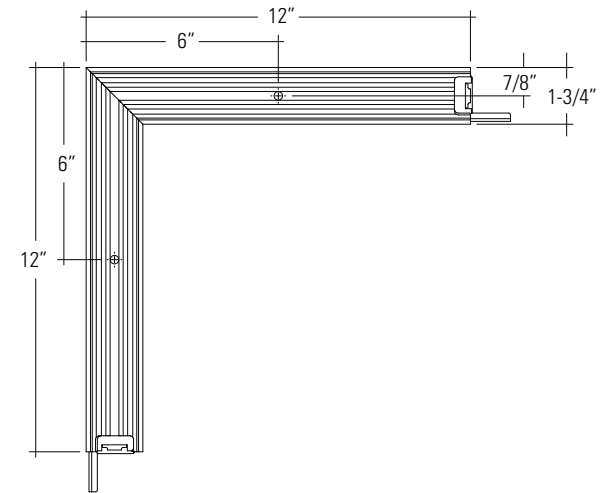
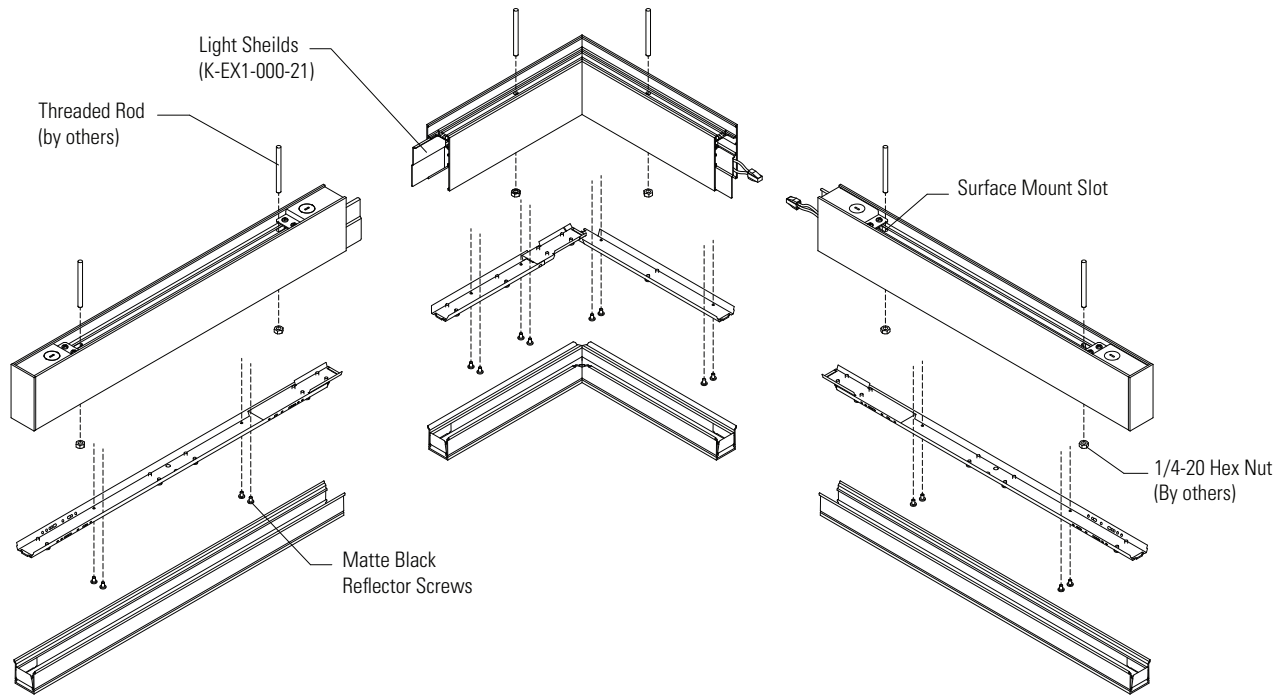


# EDGE EX1

## Surface Horizontal Corner Installation Detail

Return to  
Main Menu

Please reference applicable installation sheet for further details and mounting information.



### Corner Piece:

1. Layout run pattern, and install 1/4-20 mounting hardware.
2. Mount fixture(s) first, use fixture(s) to support corner during installation.
3. Join fixtures together.

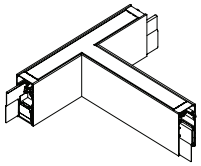
### Joining Fixtures

1. Remove Lenses and Reflectors by removing four Matte Black screws per Reflector.
2. Create space between fixtures using the Surface Mount Slots.
3. Slide corner piece into place using Light Shields as guides.
4. Make all necessary wiring connections between fixtures.
4. Secure in place with 1/4-20 mounting hardware (by others).
5. Tighten all connection points and replace Reflectors and Lenses.

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.
5. The holding strength of AC cables cannot be guaranteed if the cables are damaged in any way.
6. 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.



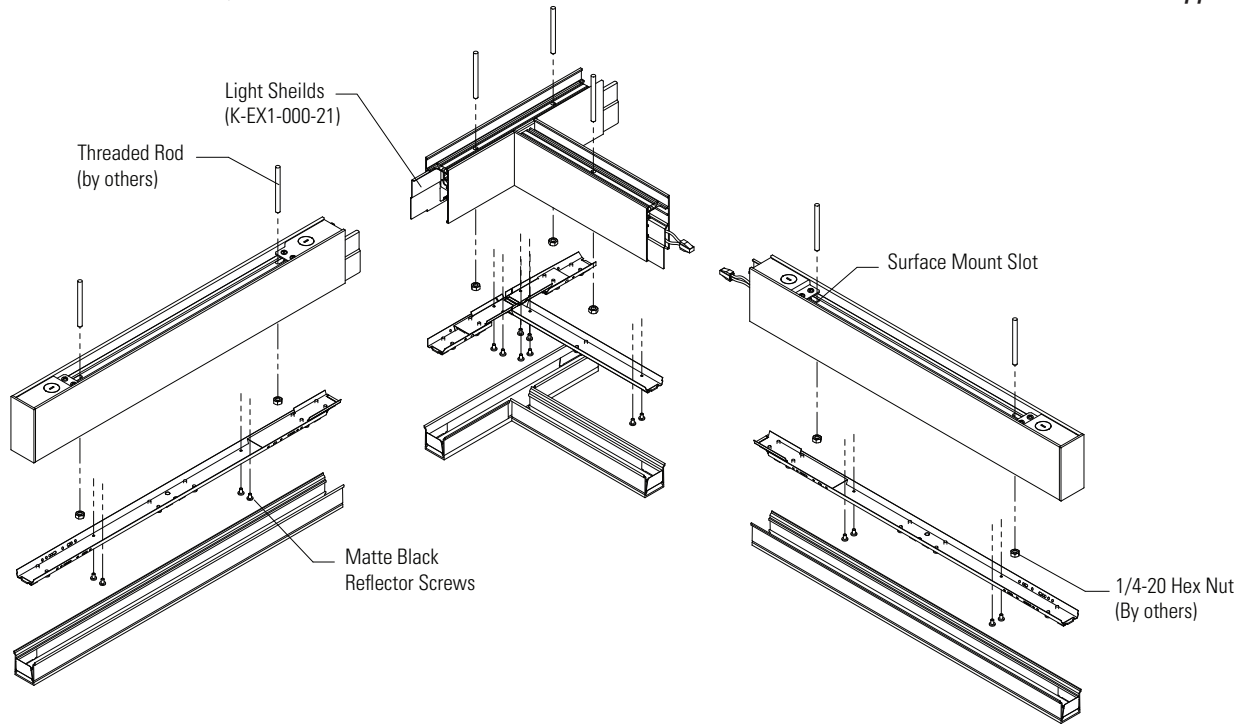


# EDGE EX1

## Surface "T" Corner Installation Detail

Return to  
Main Menu

Please reference applicable installation sheet for further details and mounting information.

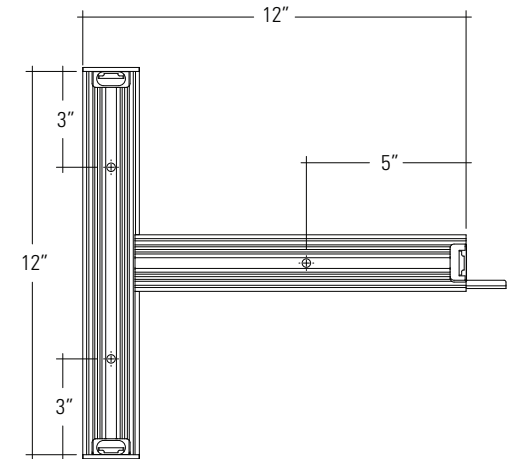


### Corner Piece:

1. Layout run pattern, and install 1/4-20 mounting hardware.
2. Mount fixture(s) first, use fixture(s) to support corner during installation.
3. Join fixtures together.

### Joining Fixtures

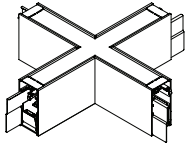
1. Remove Lenses and Reflectors by removing four Matte Black screws per Reflector.
2. Create space between fixtures using the Surface Mount Slots.
3. Slide corner piece into place using Light Shields as guides.
4. Make all necessary wiring connections between fixtures.
4. Secure in place with 1/4-20 mounting hardware (by others).
5. Tighten all connection points and replace Reflectors and Lenses.



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.
5. The holding strength of AC cables cannot be guaranteed if the cables are damaged in any way.
6. 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.



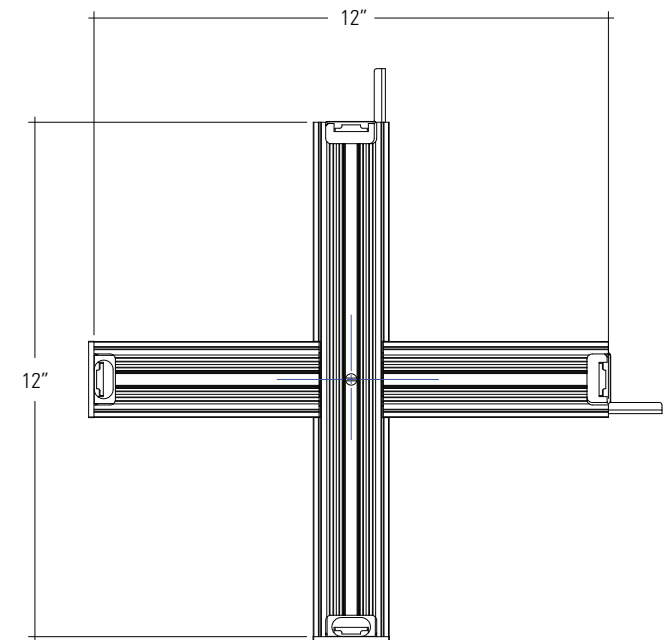
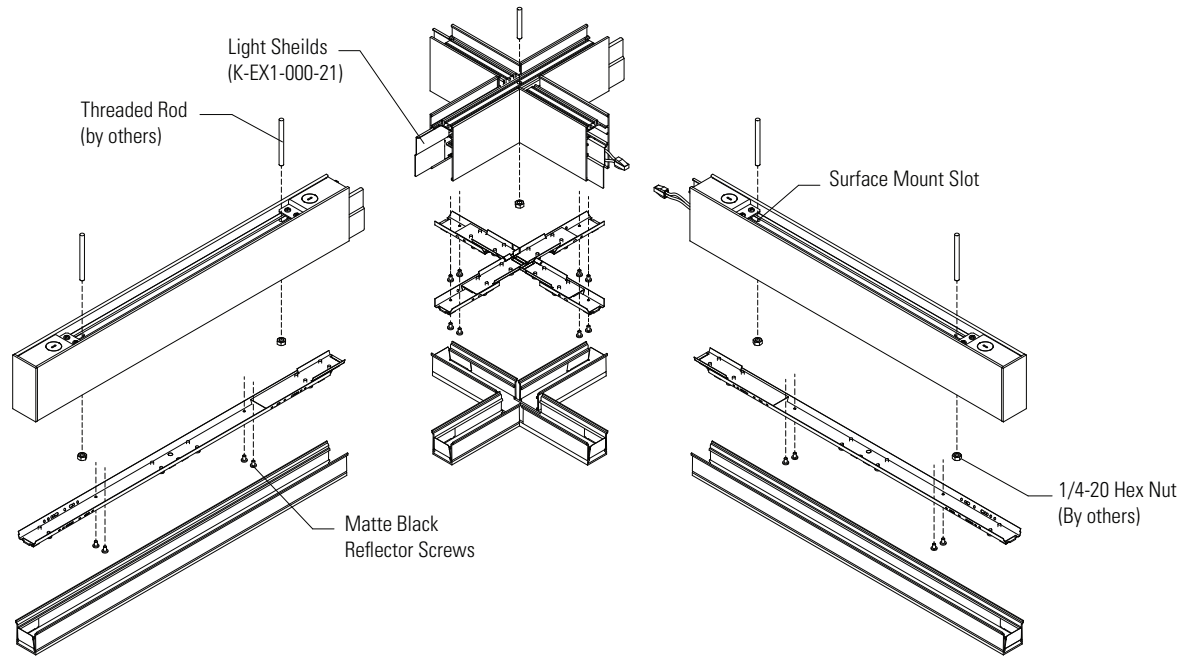


# EDGE EX1

## Surface "X" Corner Installation Detail

Return to  
Main Menu

Please reference applicable installation sheet for further details and mounting information.



### Corner Piece:

1. Layout run pattern, and install 1/4-20 mounting hardware.
2. Mount fixture(s) first, use fixture(s) to support corner during installation.
3. Join fixtures together.

### Joining Fixtures

1. Remove Lenses and Reflectors by removing four Matte Black screws per Reflector.
2. Create space between fixtures using the Surface Mount Slots.
3. Slide corner piece into place using Light Shields as guides.
4. Make all necessary wiring connections between fixtures.
4. Secure in place with 1/4-20 mounting hardware (by others).
5. Tighten all connection points and replace Reflectors and Lenses.

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.
5. The holding strength of AC cables cannot be guaranteed if the cables are damaged in any way.
6. 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.



Designed in Denver Colorado

Phone: 303.322.5570

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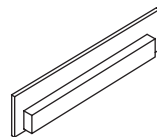
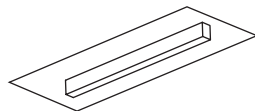
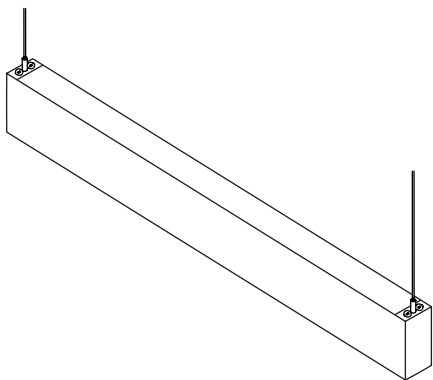
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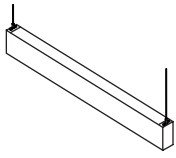
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# EDGE Evolution EX1

LENS  
DETAIL

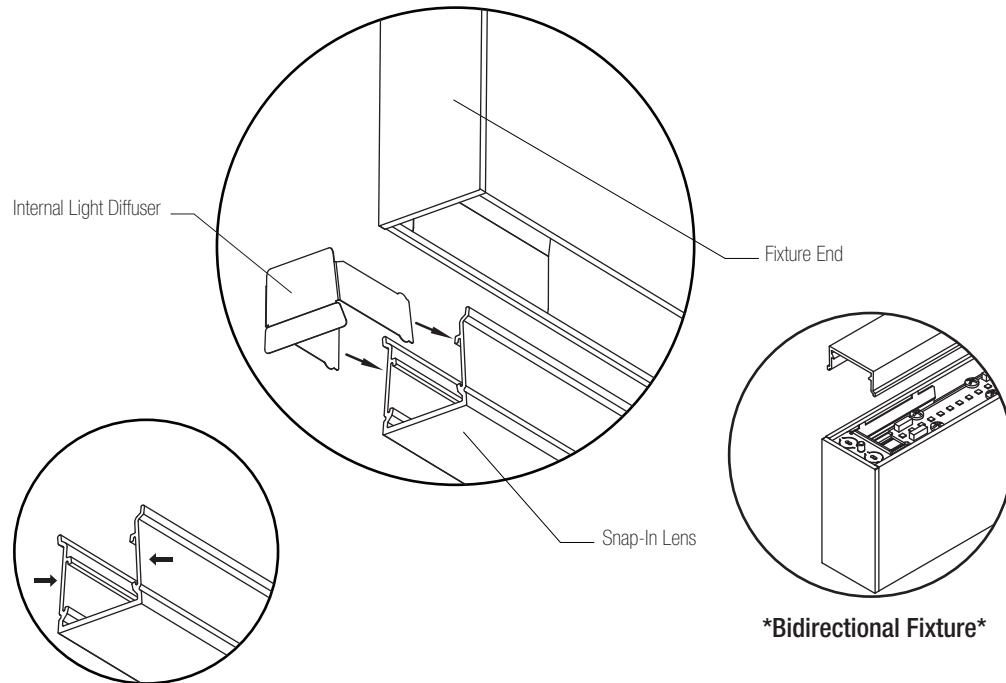




## Lens Installation

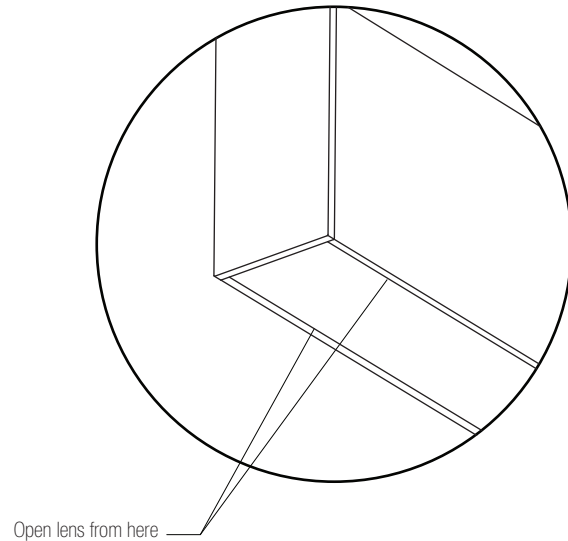
1. Begin at one end of the lens and squeeze sides to allow it to flex.
2. Insert end of lens into place. Lens snaps into place when installed properly.
3. Slowly insert rest of lens down the length of the fixture.

*(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 groove.
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.**