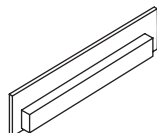
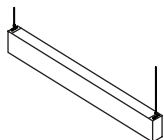




EDGE Evolution EX12N INSTALLATION INSTRUCTIONS

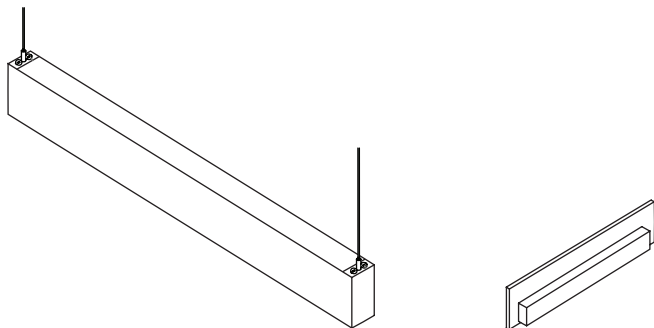
| | |
|---------------------------------------|-----|
| LED AC to JB Mount Installation | 2-4 |
| LED Wall Mount Installation | 5-7 |
| Lens Detail | 8-9 |

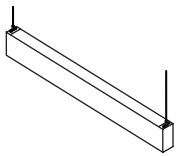




EDGE Evolution EX12N

AC TO JB
INSTALLATION





EDGE
EVOLUTION

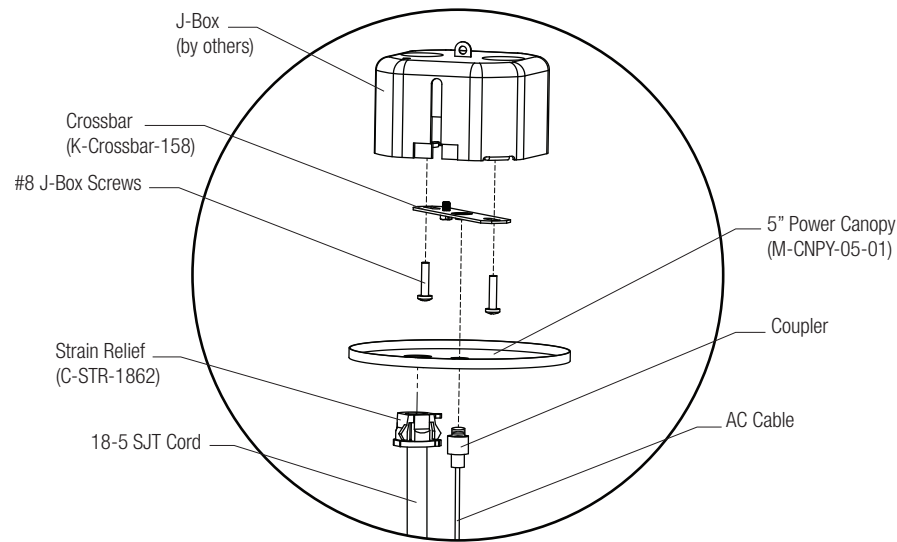
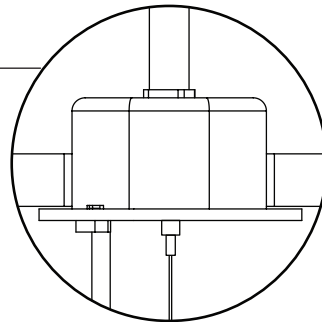
EX12N

INDIRECT LED AC - to - JB Mount

[Return to
Main Menu](#)

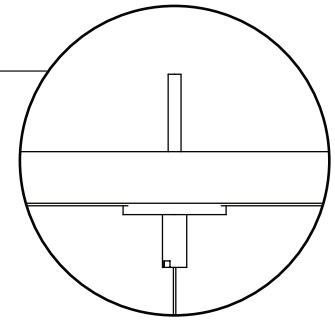
Step 1: Power at Ceiling

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 cross-bar bolt using coupler.

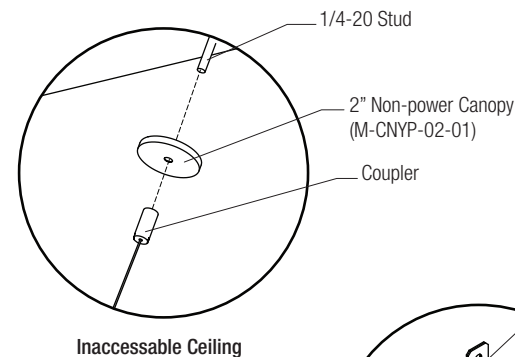


Step 2: Non Power Mount

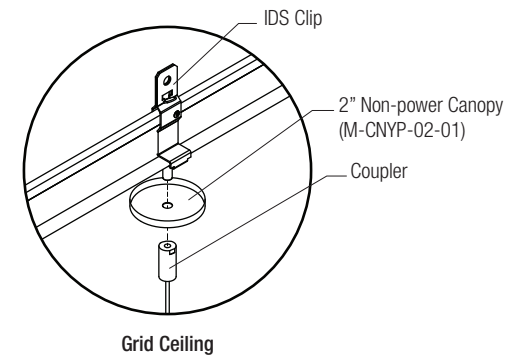
1. Install 1/4-20 stud or IDS Clip for non-power mounts (1/2" below ceiling plane).
2. Feed aircraft cable through coupler.
3. Secure canopy to stud or IDS Clip using coupler.



* Stud sits 1/2"
Below Ceiling Plane



Inaccessible Ceiling



Grid Ceiling



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.

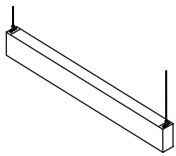
Designed and Fabricated in Denver Colorado

Phone: 303.322.5570

www.pinnacle-ltg.com

EX12N_AC_JB_Nov2020

© 2020 Pinnacle Architectural Lighting

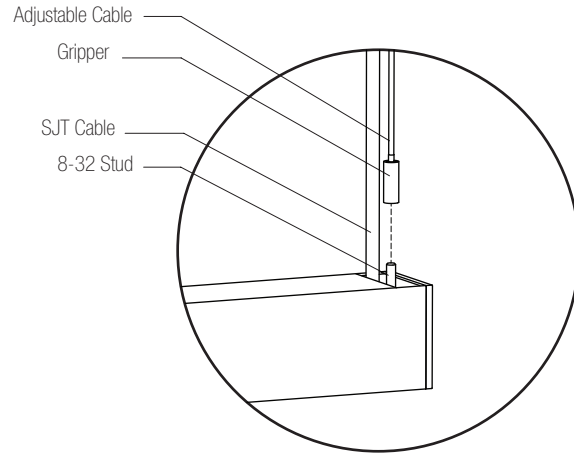


EDGE
EVOLUTION

EX12N

INDIRECT LED AC - to - JB Mount

[Return to
Main Menu](#)

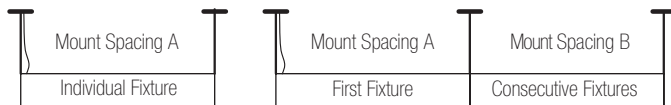


Step 3: AC Mounting

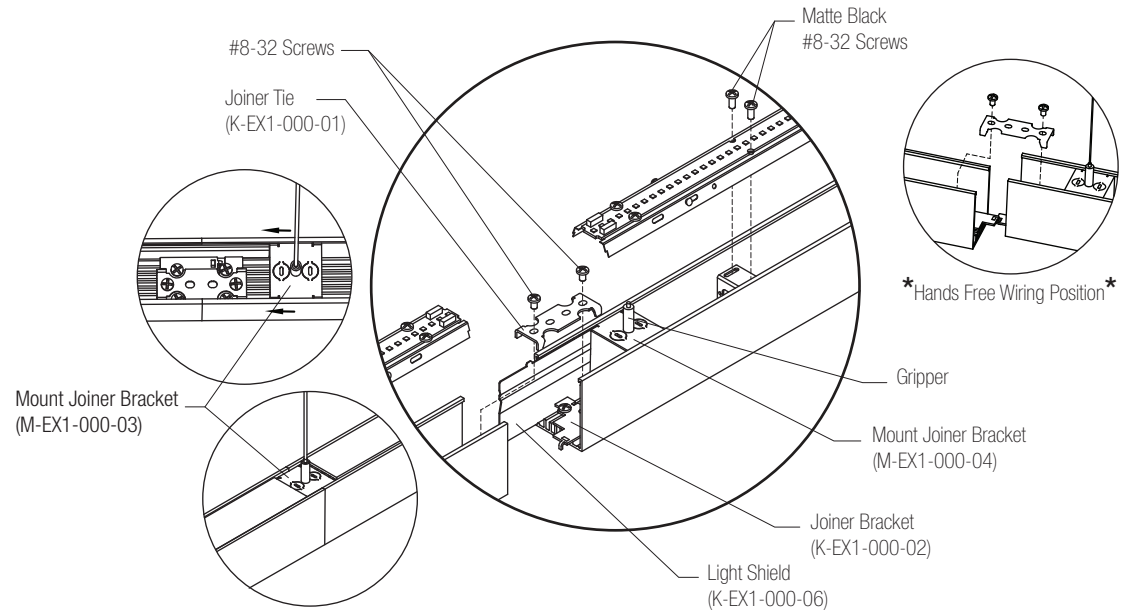
1. Attach Gripper to #8-32 Stud on mounting bracket.
2. Slide aircraft cable through gripper.
4. Repeat process for each subsequent fixture.
5. Lift fixture while adjusting cable length to level.

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.
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 Joiner Bracket.
8. Push fixtures together using the Light Shields as guides.
9. Place the Joiner Tie over Joiner Brackets and secure with two 8-32 screws.
10. Slide Mount Joiner Bracket to the middle of joint.
11. Once all fixtures are connected replace all reflectors and lenses.

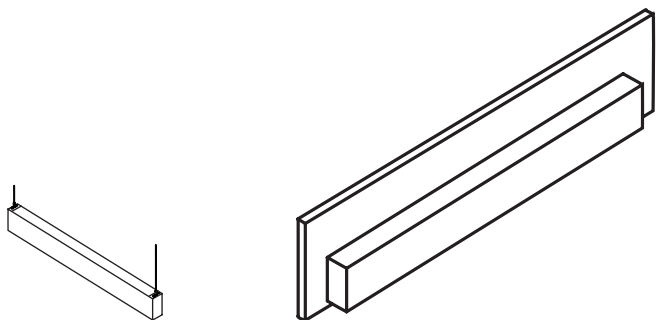


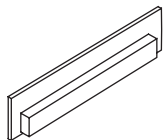
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local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



EDGE Evolution EX12N

WALL MOUNT
INSTALLATION





EDGE
EVOLUTION

EX12N

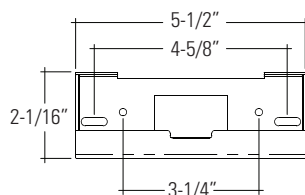
INDIRECT LED Wall Mount Instructions

Return to
Main Menu

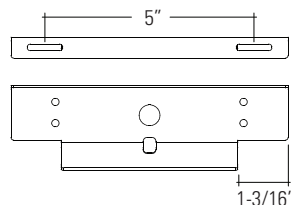
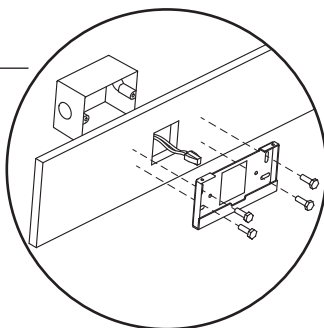
Step 1: Wall Bracket

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 page 2 for additional mounting points.

(Note: See page 2 for additional mount dimensions)



Wall Side Bracket

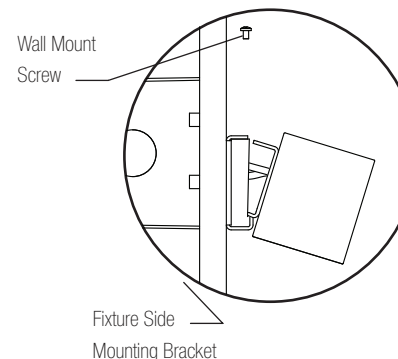
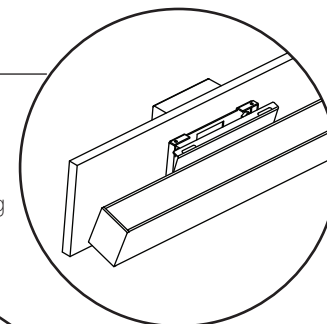


Fixture Side Bracket

Step 2: Power Mount

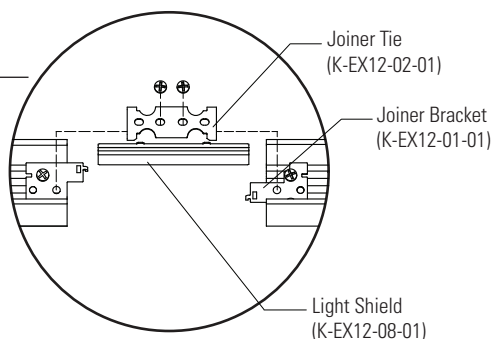
1. To power fixture attach building power to fixture power wires using push nuts.
2. Recess connections into junction box.
3. Attach fixture to wall bracket as shown.
4. Make necessary adjustments laterally prior to tightening wall mount screw.

(Note: See page 2 for additional mount dimensions)



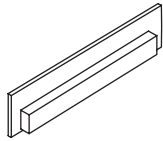
Step 3: Joining Fixtures

1. Remove lenses and reflectors at joint.
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 Screws.
7. Tighten Wall Bracket Screws.
8. Replace Lenses.
9. Repeat for all subsequent fixtures.



PINNACLE
ARCHITECTURAL LIGHTING®

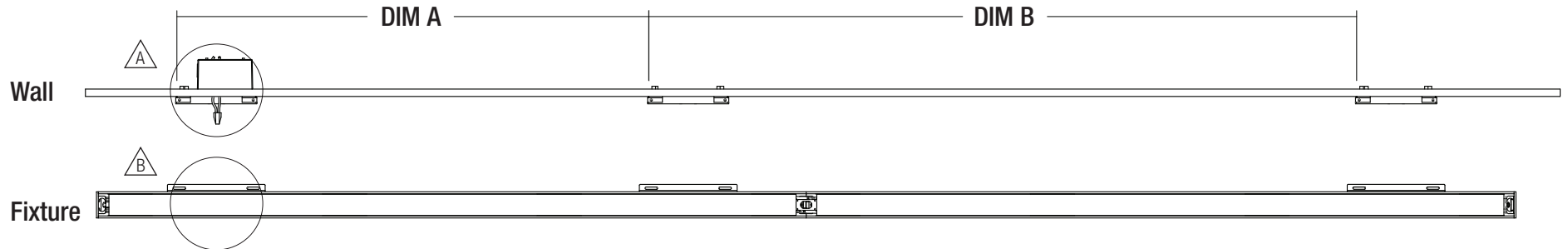
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Do not assemble fixture together on ground and then install.



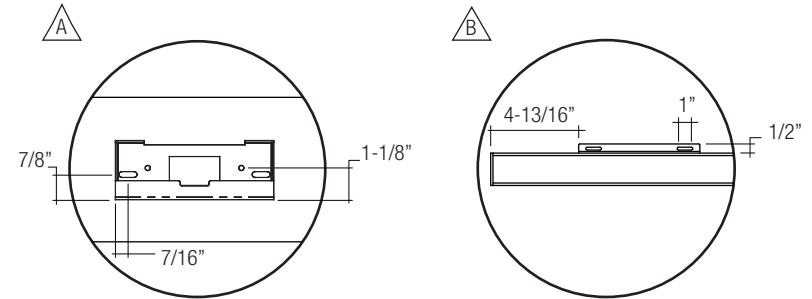
EDGE
EVOLUTION

EX12N INDIRECT 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" |



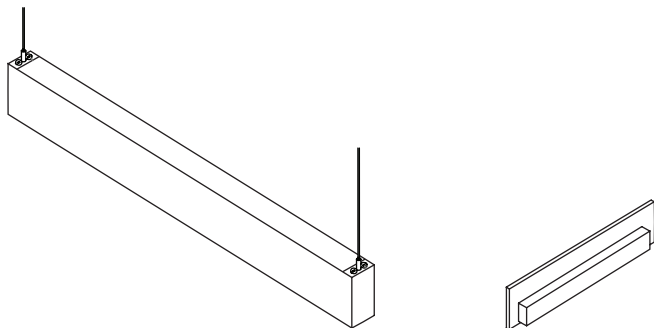
PINNACLE
ARCHITECTURAL LIGHTING®

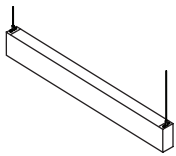
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Do not assemble fixture together on ground and then install.



EDGE Evolution EX12N

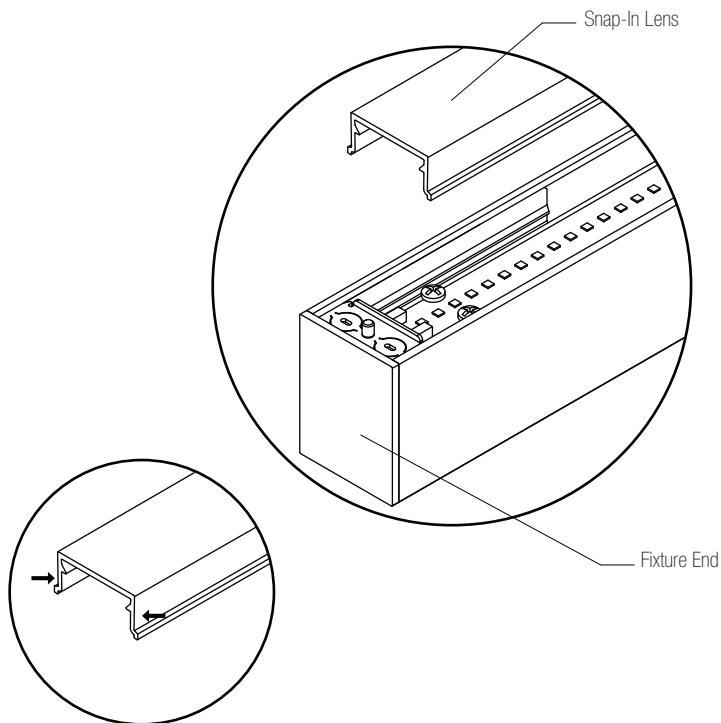
LENS
DETAIL





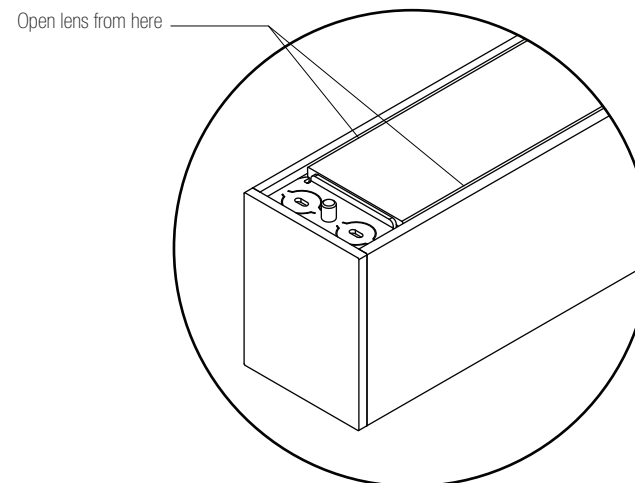
Lens Installation

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.



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.