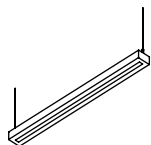




# TESA

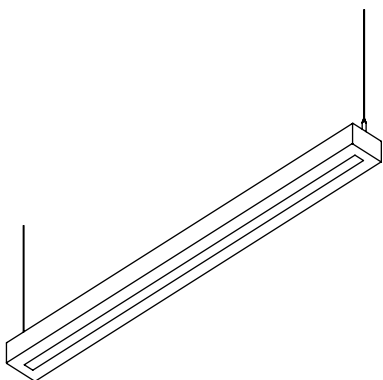
## INSTALLATION INSTRUCTIONS

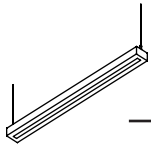
AC to GX Mount Installation .....	2-3
AC to JB Mount Installation .....	4-5
AC to Fixture Mount Installation .....	6-7





# TESA AC TO GX INSTALLATION



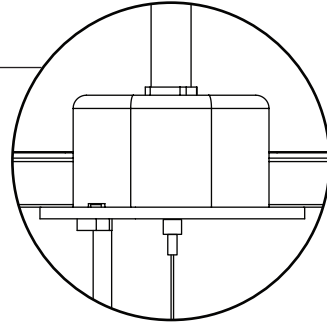


# TESA AC - to - Grid Mount

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Main Menu

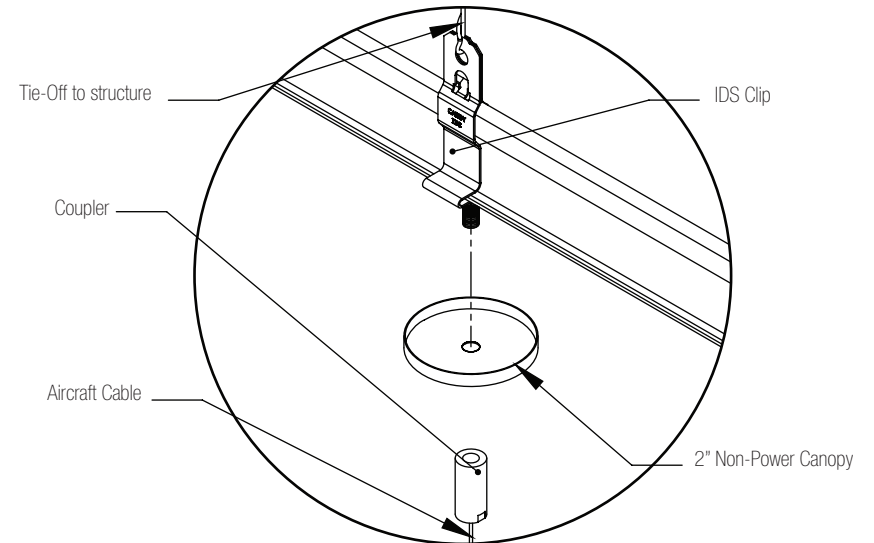
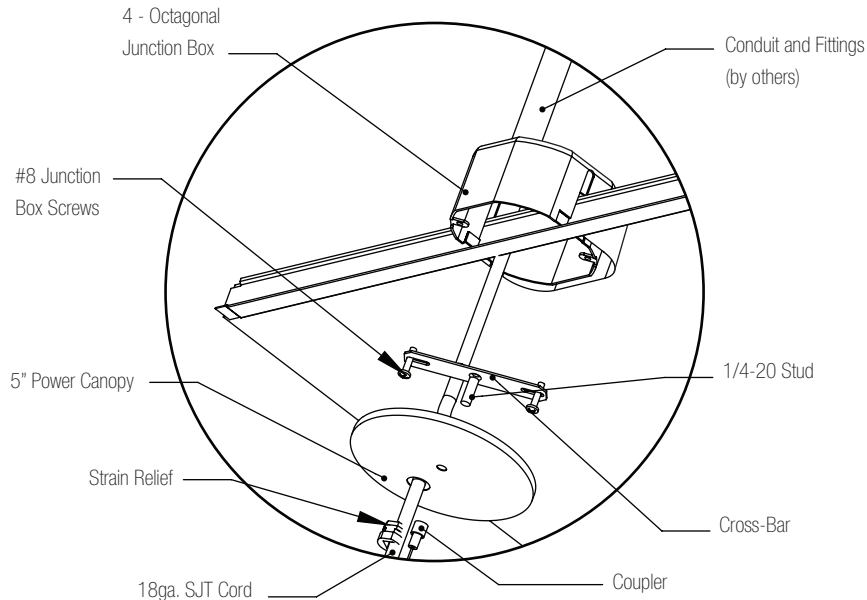
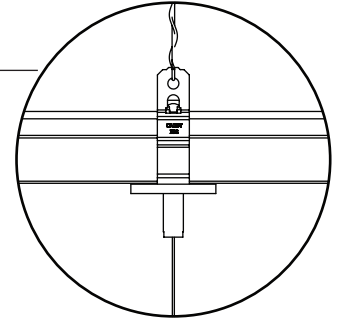
## Step 1: Power at Ceiling

1. Layout mounting/ junction box locations. Begin row with fixture label at first mounting point.
2. Install junction box onto T-Bar ceiling. Tie box off to structure. Install conduit from building power.
3. Thread 1/4-20 stud to crossbar for power mounts. Install crossbar to junction box.
4. Run SJT cord through canopy, make necessary power connections, secure using strain relief.
5. Feed aircraft cable through coupler.
6. Secure canopy to crossbar bolts using aircraft cable coupler.



## Step 2: Non Power Mount

1. Install IDS clips for non-power mounts. Tie off to structure.
2. Feed aircraft cable through coupler.
3. Secure canopy to IDS clip using aircraft cable coupler.



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

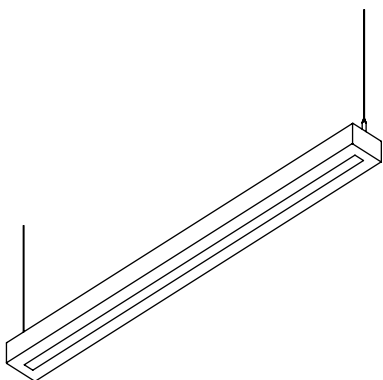


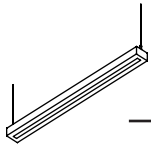
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local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



# TESA

AC TO JB  
INSTALLATION



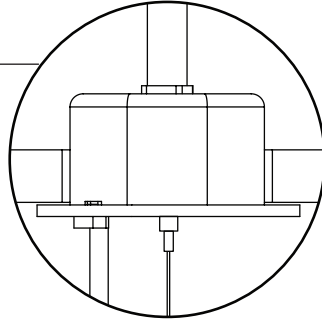


# TESA AC - to - JB Mount

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Main Menu

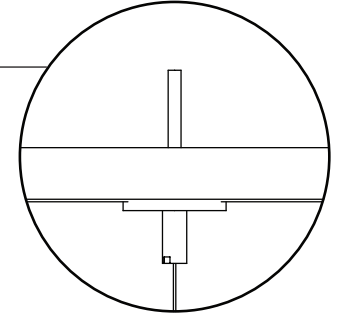
## Step 1: Power at Ceiling

1. Layout mounting/ junction box locations.
2. Thread 1/4-20 stud to crossbar for power mounts.
3. Install crossbar to 4"-octagonal junction box.
4. Run SJT cord through canopy and into junction box, secure with strain relief.
5. Make all necessary wiring connections.
6. Feed aircraft cable through coupler, secure canopy to crossbar bolt using coupler.

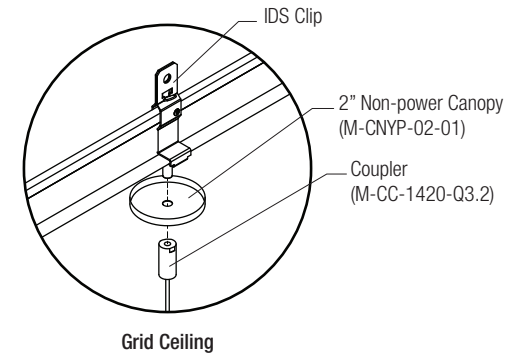
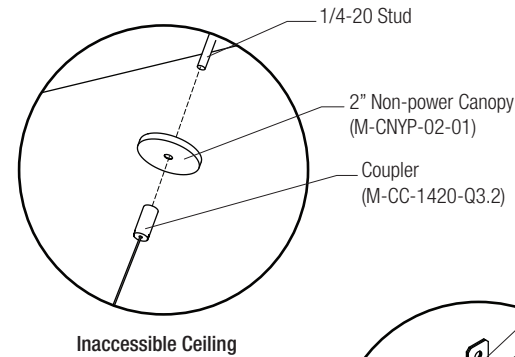
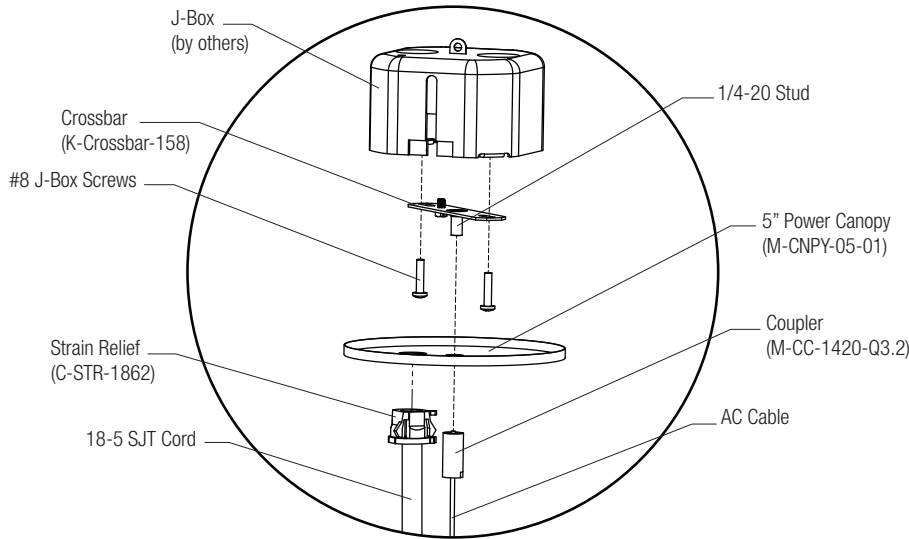


## Step 2: Non Power Mount

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



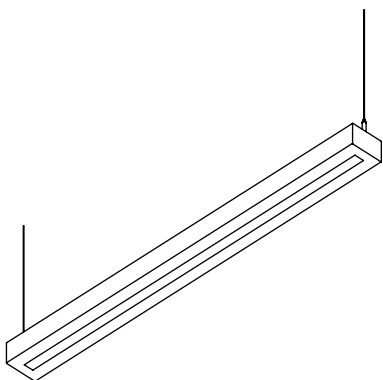
AC cables with damage, bends, kinks, fraying, or knots must be discarded and replaced with new components. Never install a fixture where the AC cable is more than 5 degrees from perpendicular to the fixture. Fixtures are never to be raised by the cables (instead, lift the fixture up and adjust the cable position). Over tightening 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

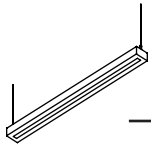


1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local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



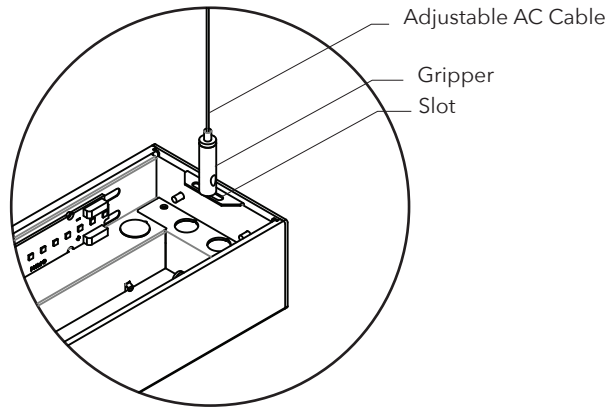
# TESA AC TO FIXTURE INSTALLATION





# TESA AC - to - Fixture Mounting

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Main Menu



### Step 3: AC Mounting

1. Attach #8-32 screw to gripper through slot.
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.

### Mount Spacing

Aircraft Cable - Example Rows

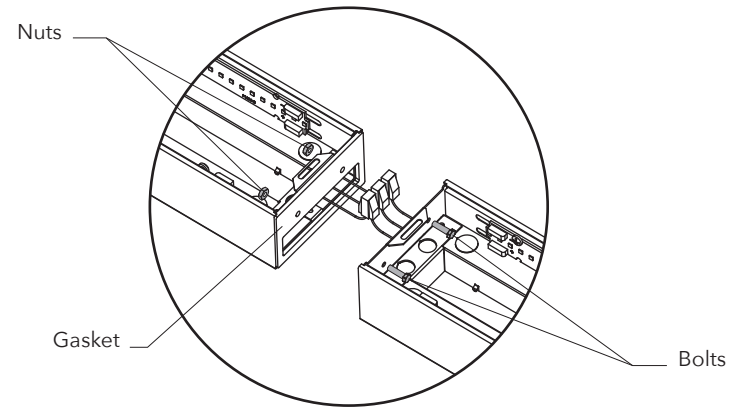
Length	A	B
4'	47-9/16"	48"
8'	95-9/16"	96"

Mount Spacing A		
Individual Fixture		

Mount Spacing A	Mount Spacing B	Mount Spacing A
First Fixture	Middle Fixture(s)	End Fixture



### Step 4: Joining Fixtures

1. Install first fixture with two (2) mounting points, subsequent fixtures use one (1) mount.
2. Install Gasket provided in joint kit.
3. Make necessary wiring connections between fixtures ensuring all wires are properly matched.
4. Install two (2) #8-32x1 2-1/2" bolt into each fixture as shown.

### Fixture Label Example

**PINNACLE ARCHITECTURAL LIGHTING**  
 12655 East 42nd Ave Suite 50, Denver, CO-80239  
 PH: 303.322.5570 FAX:303.322.5568

**SO: XXXXX**  
Type: C

**(ID# 1-1) T-835HO-8'-AC48G9-U-OL1-1-0-W**  
 Circuit 1: BLK(HOT)-WHT(COM) 120-277V 60Hz 0.14A  
 Circuit 1-DIM: VLT(D1)-GREY(D2)  
 USE FACTORY REPLACEMENT PARTS ONLY MAX 100W  
 UL FILE: E363319 SUITABLE FOR DAMP LOCATION  
 Class 1 Wiring Only for min. 75C; CAUTION-RISK OF FIRE

MFG: 03/18  
Fixt 1 of 3

**Fixture ID** - When a fixture is part of a run you will see an ID with # - #. The first number is the run it is a part of the second is that fixtures position in the run. Example: ID# 6-4 would be the 6th run and the 4th fixture in that run.



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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.