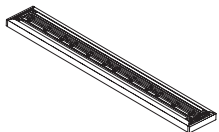




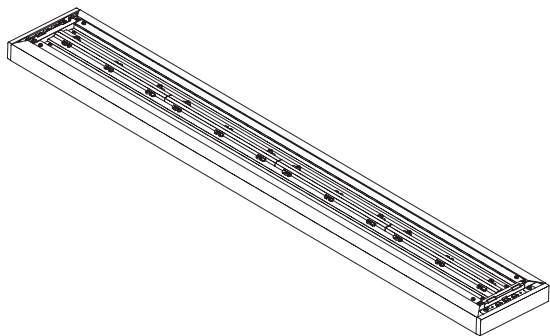
LINERO **INSTALLATION INSTRUCTIONS**

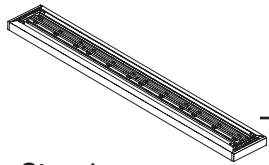
AC-to-Grid Mount Installation	2-3
AC-to-JB Mount Installation	4-5
ACS-to-JB Mount Installation	6-7
AC-to-ST Mount Installation	8-9
AC-to-Fixture Installation	10-11
Wall Mount Installation	12-15
Fixture Extensions	16-17





LINERO AC-TO-GRID MOUNT INSTALLATION



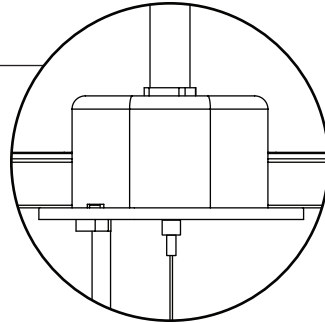


LINERO AC - to - Grid Mount

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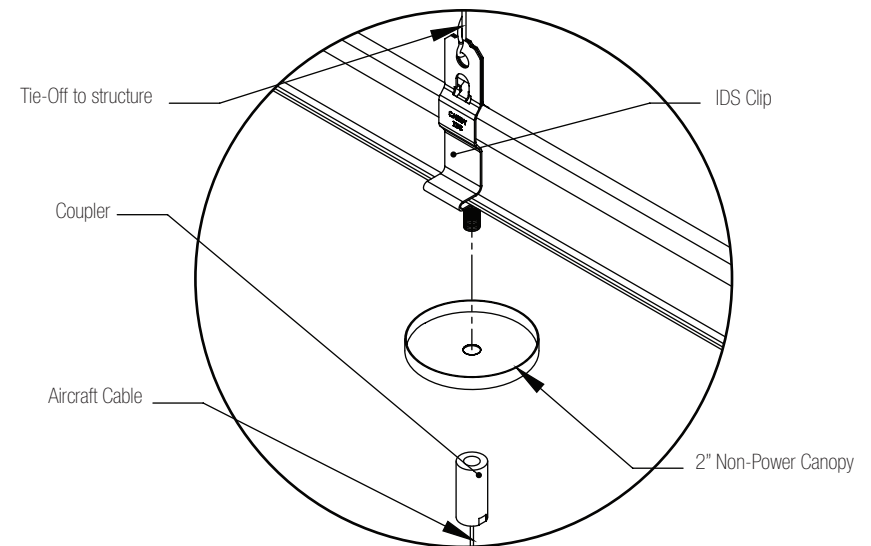
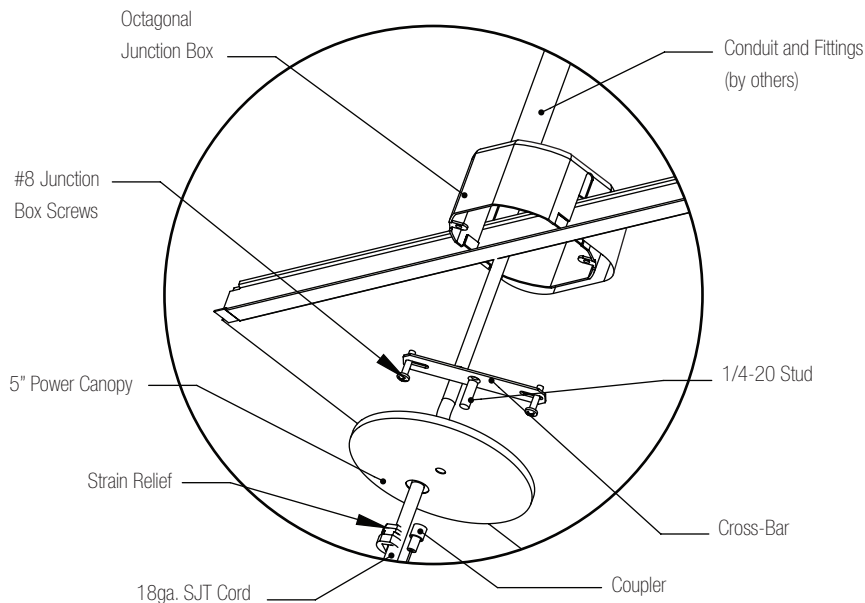
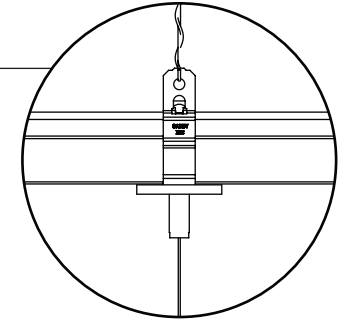
Step 1: Power at Ceiling

1. Install junction box onto T-Bar ceiling. Tie box off to structure. Install conduit from building power
2. Thread 1/4-20 stud to crossbar for power mounts. Install crossbar to junction box.
3. Run SJT cord through canopy, make necessary power connections, secure using strain relief.
4. Feed aircraft cable through coupler.
5. 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.



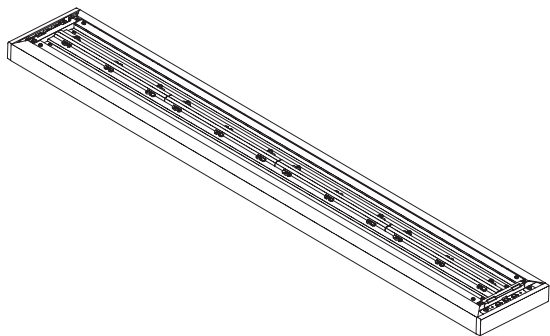
AC cables with damage, bends, kinks, fraying, or knots must be discarded and replaced with new components. Never install a fixture where the AC cable is more than 5 degrees from perpendicular to the fixture. Fixtures are never to be raised by the cables (instead, lift the fixture up and adjust the cable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

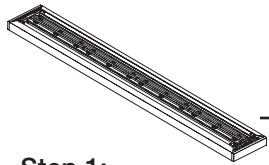


1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Fixtures must be mounted directly to structure.
5. The holding strength of AC cables cannot be guaranteed if the cables are damaged in any way.



LINERO AC-TO-JB MOUNT INSTALLATION



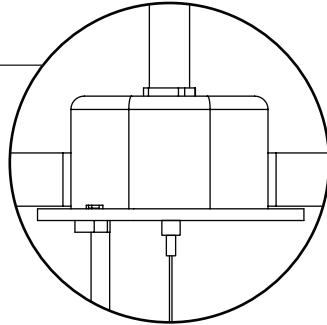


LINERO AC - to - JB Mount

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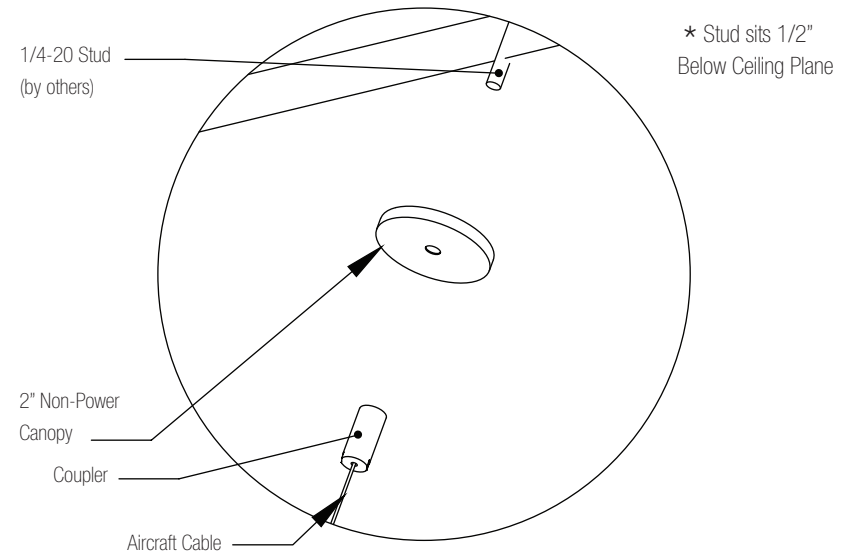
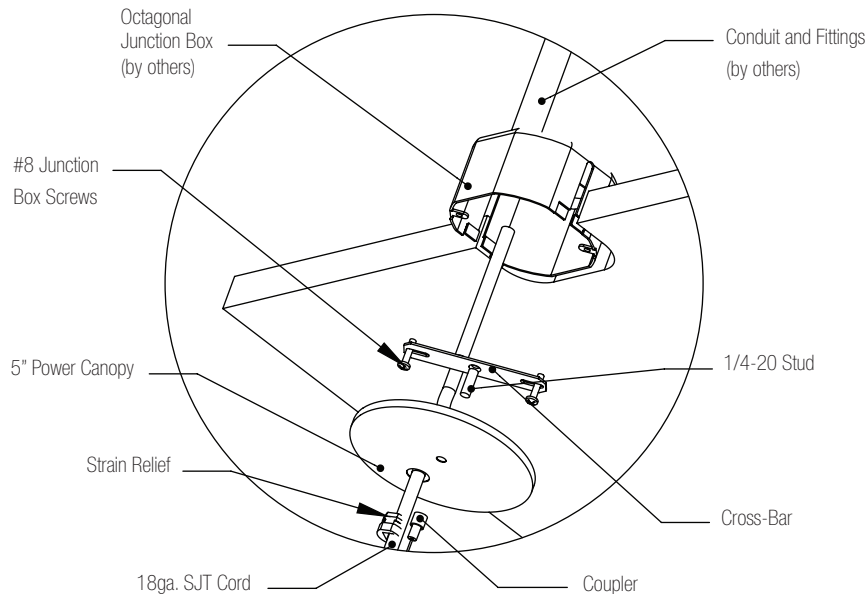
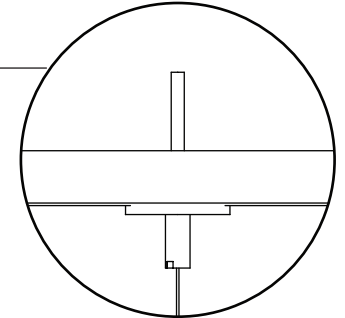
Step 1: Power at Ceiling

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



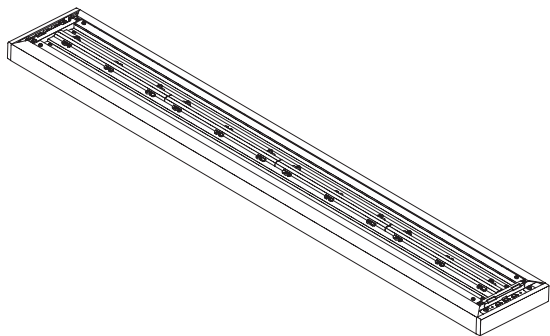
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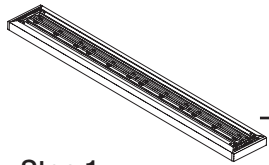


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2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Fixtures must be mounted directly to structure.
5. The holding strength of AC cables cannot be guaranteed if the cables are damaged in any way.



LINERO ACS-TO-JB MOUNT INSTALLATION



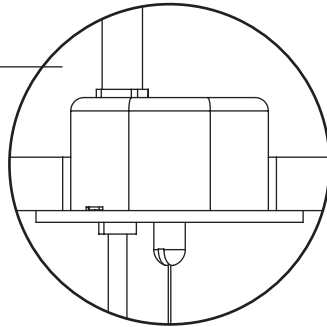


LINERO ACS - to - JB Mount

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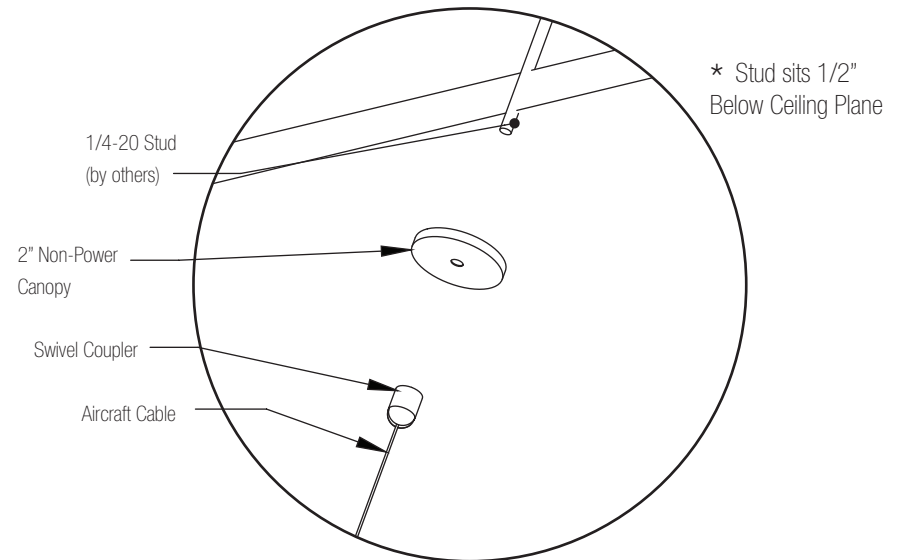
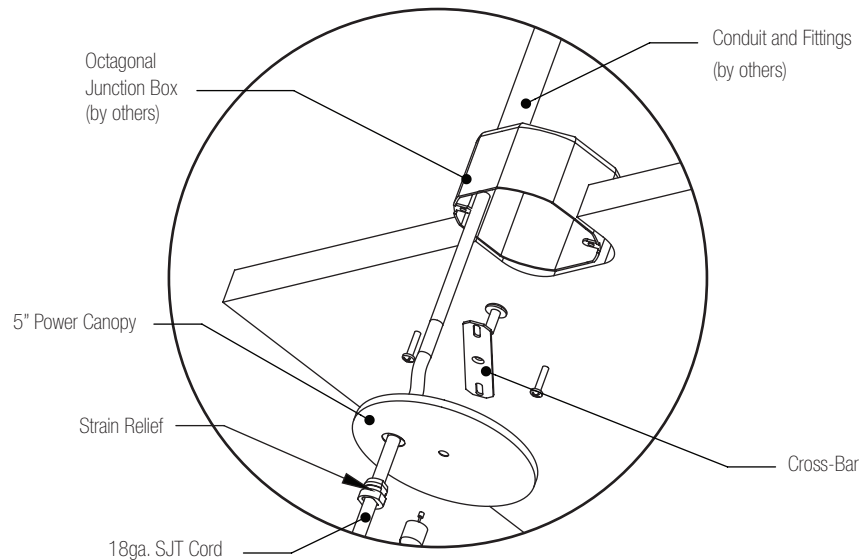
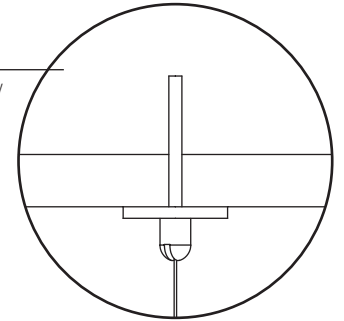
Step 1: Power at Ceiling

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



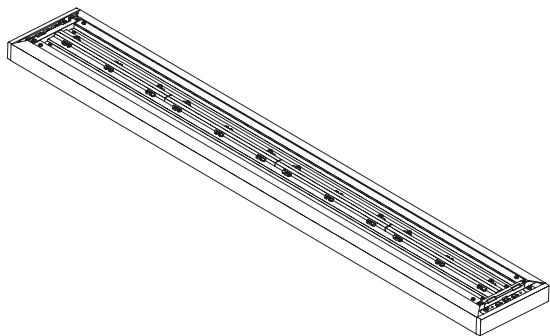
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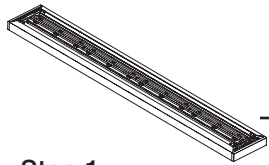


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2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Fixtures must be mounted directly to structure.
5. The holding strength of AC cables cannot be guaranteed if the cables are damaged in any way.



LINERO AC-TO-ST MOUNT INSTALLATION



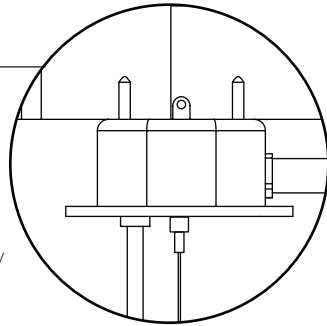


LINERO AC - to - ST Mount

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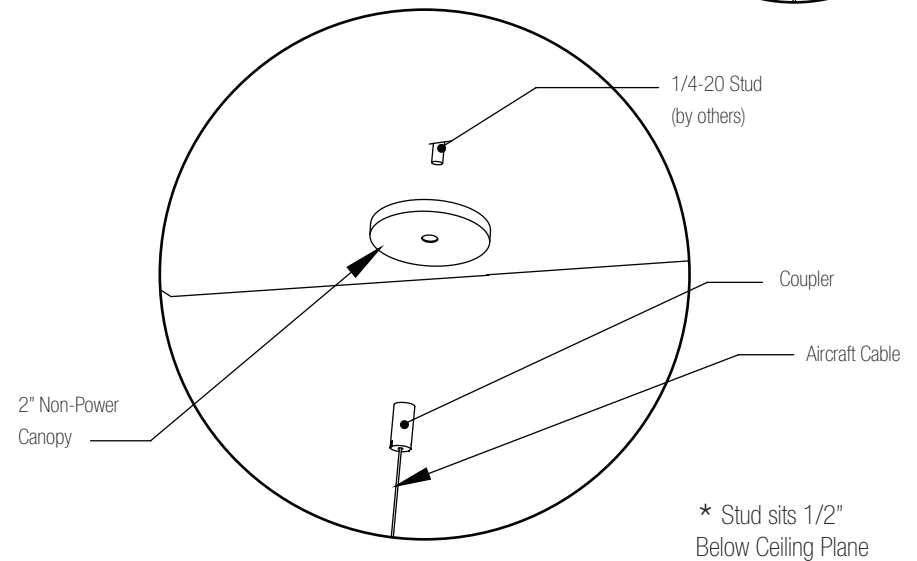
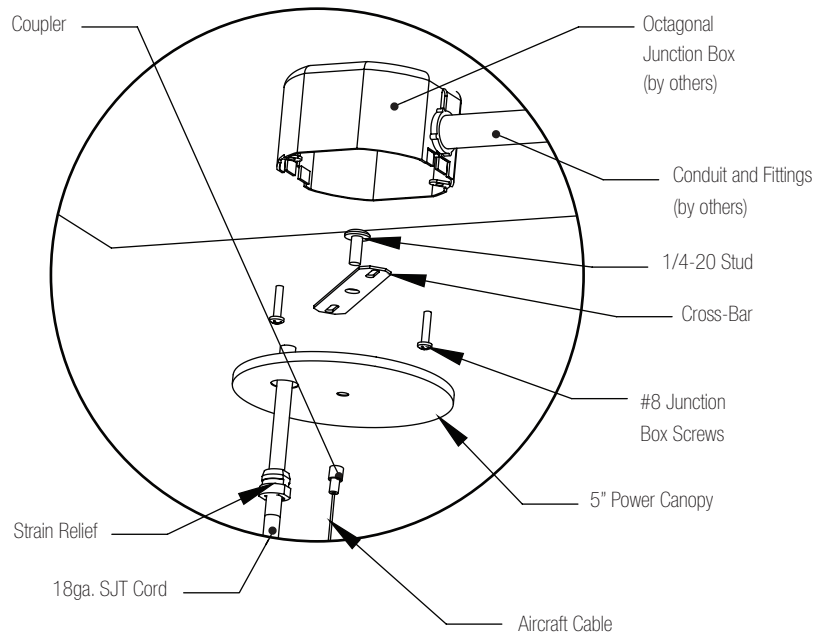
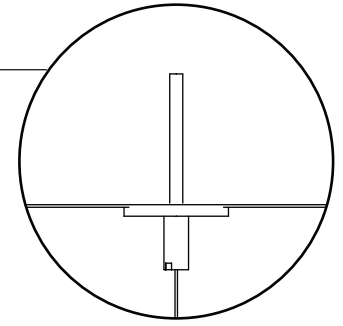
Step 1: Power at Ceiling

1. Install octagonal junction box to structure adjacent to power feed mount locations.
2. Attach crossbar to junction box.
3. Run SJT power cord through canopy and into junction box. Secure using provided strain relief.
4. Make necessary power connections.
5. Feed Aircraft cable through coupler and secure canopy to junction using coupler (provided)



Step 2: Non Power Mount

1. Install 1/4-20 studs to structure at all mounting points (3/4" below ceiling plane.)
2. Feed aircraft cable through coupler (if applicable).
5. Secure coupler assembly to 1/4-20 bolt or stud.



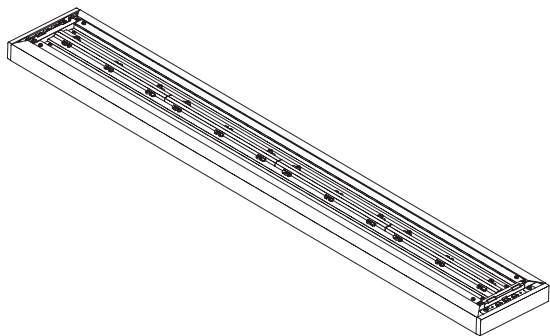
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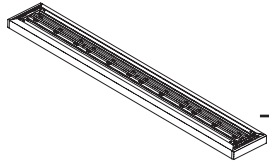


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2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Fixtures must be mounted directly to structure.
5. The holding strength of AC cables cannot be guaranteed if the cables are damaged in any way.



LINERO AC-TO-FIXTURE INSTALLATION



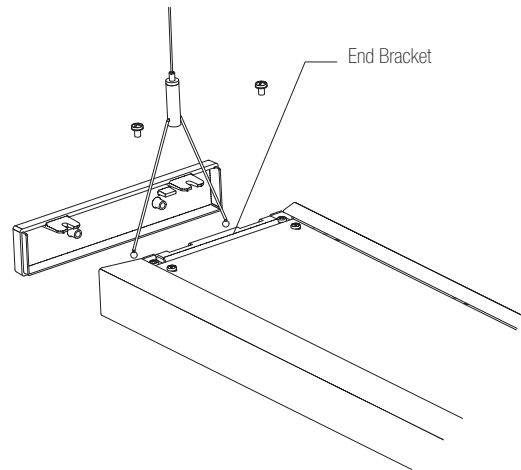


LINERO AC - to - Fixture Mount

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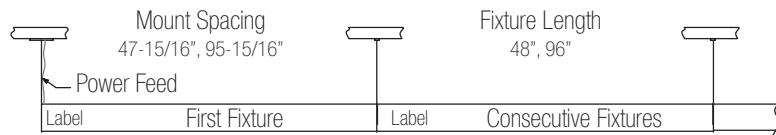
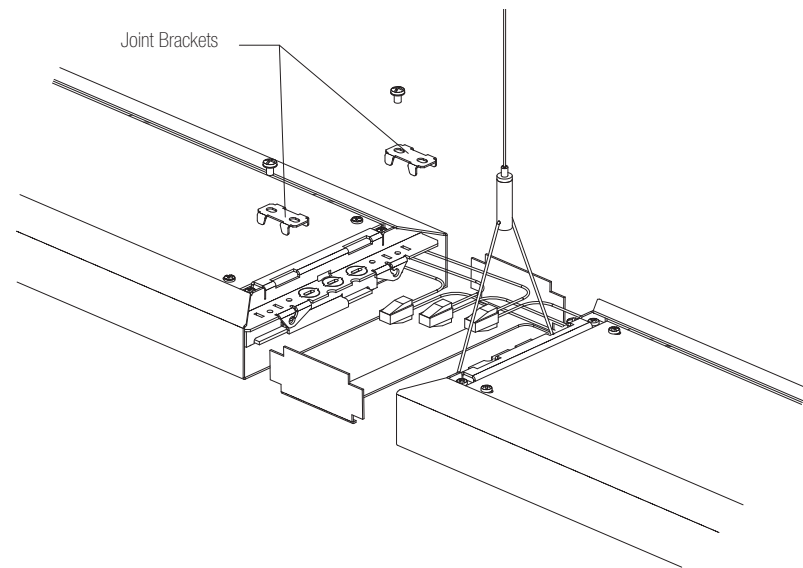
Step 3: AC Mounting

1. Slide cable ends into mounting slots on end brackets.
2. Slide aircraft cable through top gripper.
3. Adjust gripper side-to-side to level fixture then tighten
4. Repeat process for subsequent fixture(s) and re-level previous fixtures as necessary.
5. Re-install endcap as shown with two 8-32 x 3/8" long screws.



Step 4: Joining Fixtures

1. Make wiring connections between fixtures with plug-in connectors.
2. Position light blocker as shown and slide fixtures together.
3. Place joining brackets into slots and secure with 8-32 x 3/8" long screws.



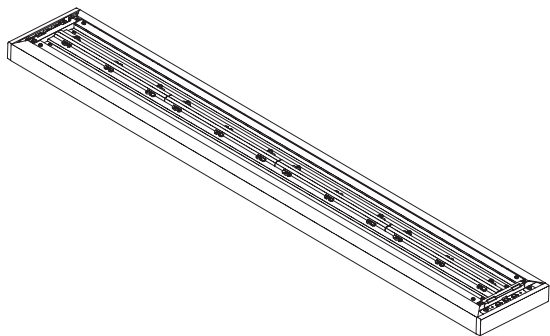
First fixture supported by two (2) mounts consecutive fixture supported by previous fixture one (1) mount.

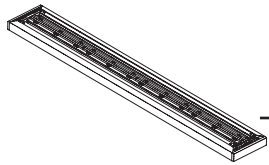
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2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Fixtures must be mounted directly to structure.
5. The holding strength of AC cables cannot be guaranteed if the cables are damaged in any way.





LINERO WALL MOUNT INSTALLATION





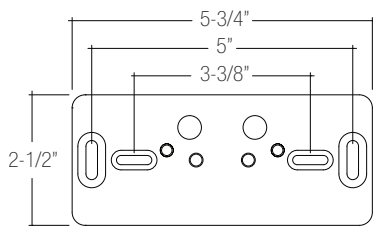
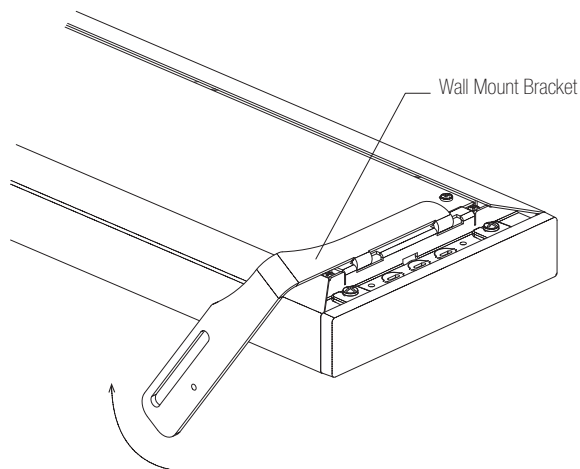
LINERO Wall Mount Installation

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Main Menu

Step 1: Wall Mount Bracket to Housing

1. Attach the wall mount bracket to the housing by inserting the hooks into the end bracket as shown. Once inserted, rotate the bracket upward to lock in place.

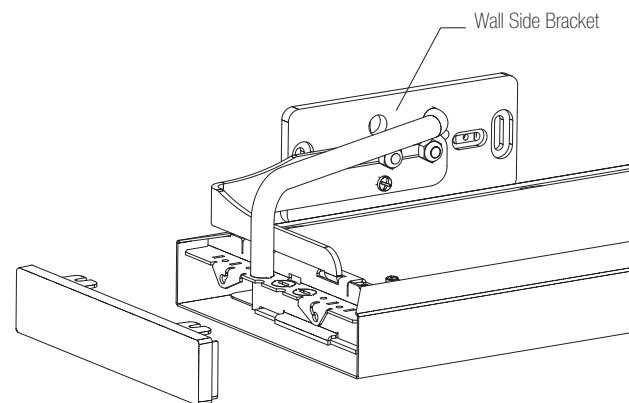
Note: there is a right and left version of this bracket to accommodate both ends of the fixture.



Wall Side Bracket

Step 2: Wall Bracket

1. Attach wall side bracket to structure via mounting hardware (by others).
2. If power side, mount bracket in line with 3x2 junction box (by others).
3. Bring power in through junction box.



Step 2a: Power Side

1. To power fixture, remove SJT cable from fixture and make connections within the JBOX.
2. Route the SJT cable through the end bracket and make connections within the fixture.
3. Attach fixture to wall bracket using 1/4-20 lock nuts

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.

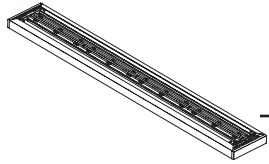
2. Minimum 90°C supply conductors

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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.



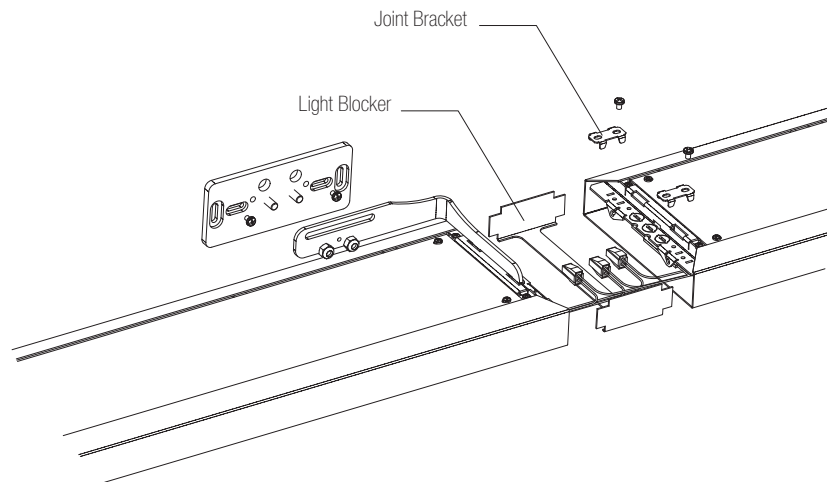


LINERO Wall Mount Installation

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Main Menu

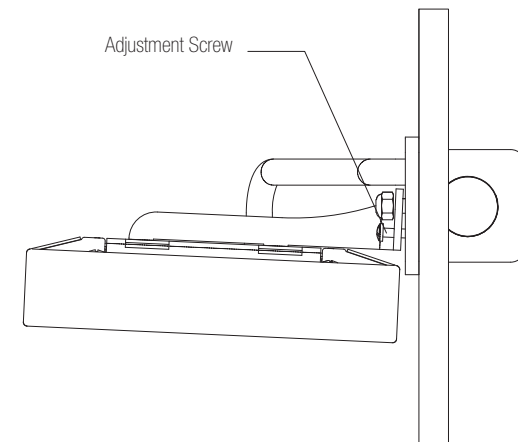
Step 1: Wall Bracket

1. Make wiring connections between fixtures with plug-in connectors.
2. Position light blocker as shown and slide fixtures together.
3. Place joining brackets into slots and secure with 8-32 x 3/8" long screws.



Step 2: Power Mount

1. For angular adjustment of the fixture, the angle adjustment screw may be turned to level the fixture.
2. Turn the screw counter-clockwise to lower the front of the fixture or clockwise to raise the front of the fixture.



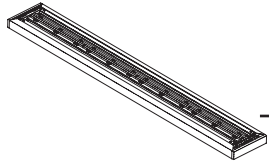
Designed and Fabricated in Denver Colorado

www.pinnacle-ltg.com

Linero_Booklet_JULY 2018

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2. Minimum 90°C supply conductors
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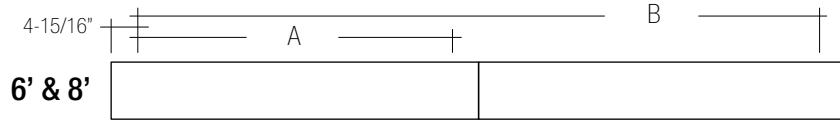
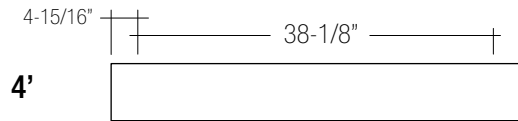
© 2018 Pinnacle Architectural Lighting



LINERO 6 Wall Mount Installation

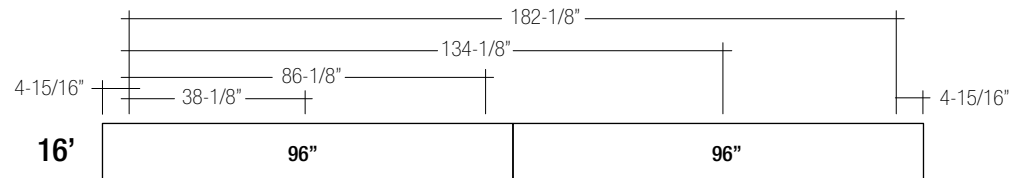
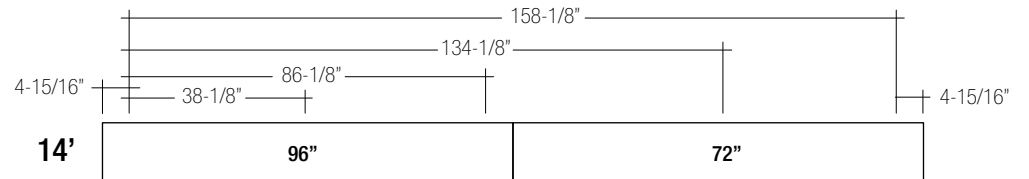
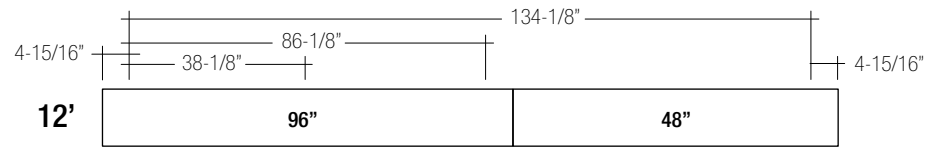
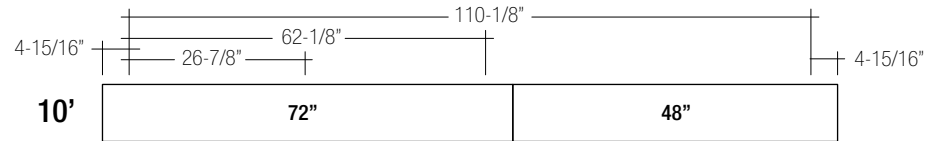
Return to
Main Menu

Individual Fixture - Mounting Locations



	A	B
6'	26-7/8"	62-1/8"
8'	38-1/8"	86-1/8"

Fixture Run - Mounting Locations



Note: Runs that utilize a combination of 4' or 8' fixtures with 6' fixtures will have non-uniform aperture lengths. Refer to specification sheets for details.

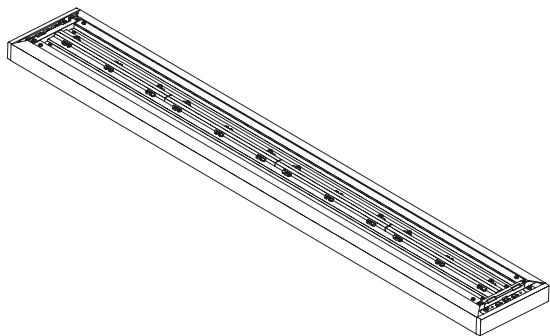


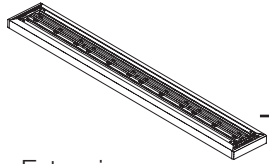
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LINERO

EXTENSION
DETAILS





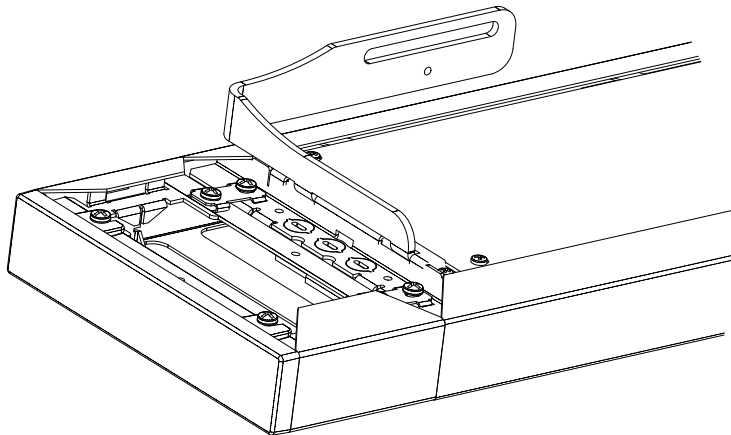
LINERO Extension Details

[Return to Main Menu](#)

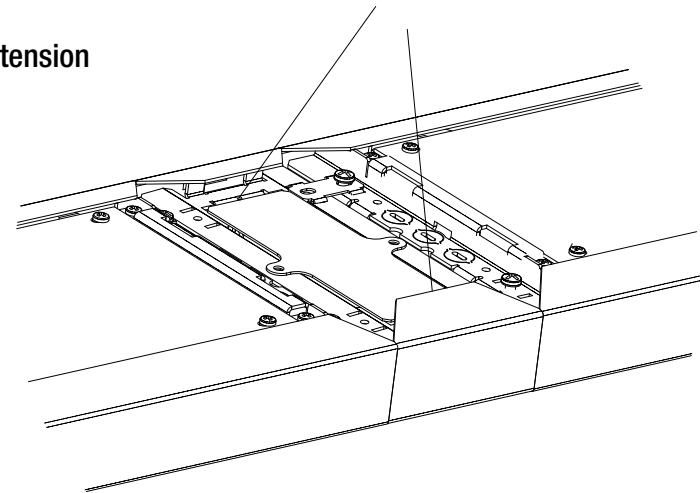
Extension

An end or joint extension may be added to the fixture to accommodate the positioning of sensors, battery test switches, etc.

End Extension



Joint Extension



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