lucen 2x2, 2x4
Installation Instructions



pinnacle architectural lighting

Grid Ceiling Installation.....2
Inaccessible Installation.....3-4
Surface Mount Installation.....5-6
Maintenance Sheet.....7-8

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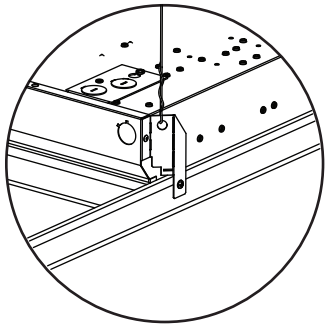
DISCLAIMERS | All of Pinnacle's packaging is recyclable with the exception of the straps on the pallets. Please reach out to the factory if you need assistance in recycling any packaging components. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product. Minimum 90° C supply conductor. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes. Damaged components must never be used. Contact Pinnacle prior to making any fixture alterations. Contact Pinnacle with any installation questions or field issues.

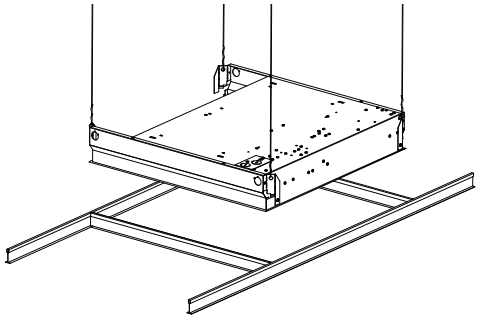
lucen 2x2, 2x4
Grid Ceiling Installation

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1 T-Grid Installation

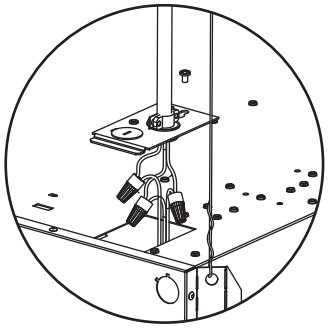
1. Position fixture up through grid opening.
2. Lower fixture so fixture flanges rest on T-Grid.
3. Tie off fixture to structure with retention wires (by others).





2 Making the Connections

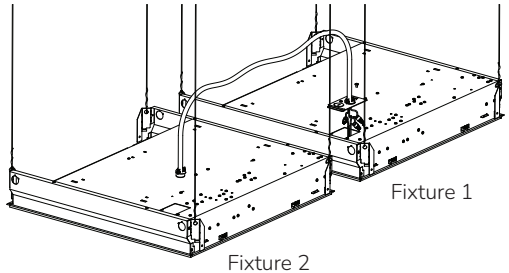
1. Remove electrical cover, remove knockout, attach building supplied conduit.
2. Make electrical connections, recess wires into fixture cavity and attach cover.



Through-wiring Option

*shown with optional flex whip

1. Fixtures are shipped with knock out removed and wires for joining fixtures extended from housing.
2. Pull wiring from fixture 1 into fixture 2 make wiring connections in fixture 2.





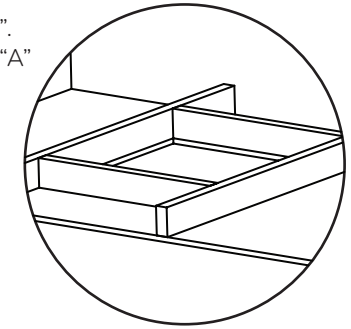
* DO NOT APPLY * PRESSURE TO CENTER LENS CHANNEL

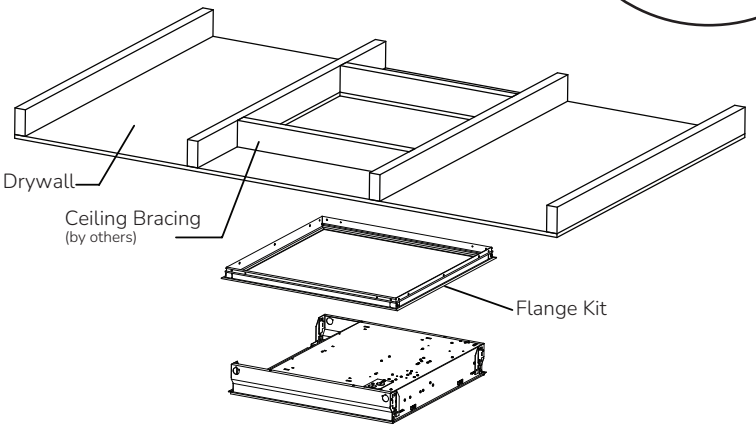
lucen 2x2, 2x4
Inaccessible Installation

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1 Rough In

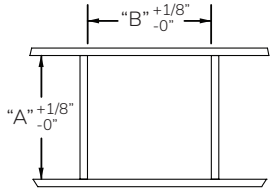
1. Build ceiling framing using Dim “A” and Dim “B”.
2. Make appropriate cut out in drywall using Dim “A” and Dim “B” (see dimension chart below).
3. Install Flange Kit.





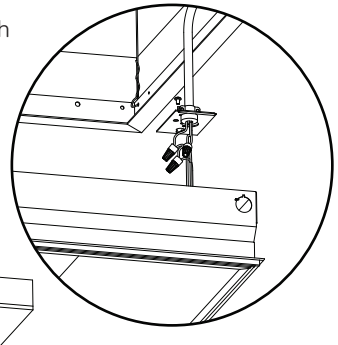
Dimension Chart

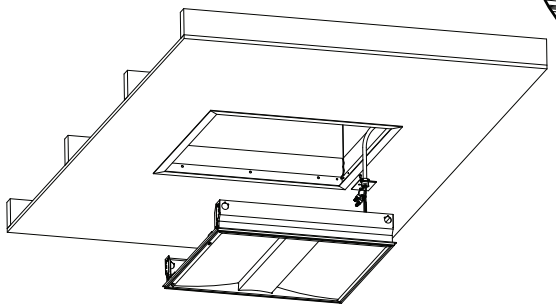
Fixture Size	Dim “A”	Dim “B”
2x2	24-3/4”	24-3/4”
2x4	24-3/4”	48-3/4”



2 Making the Connections

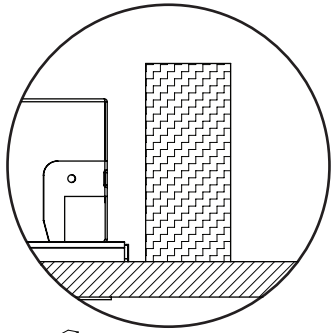
1. Remove electrical cover, remove knockout, attach building supplied conduit.
2. Make electrical connections, recess wires into fixture cavity and attach cover.

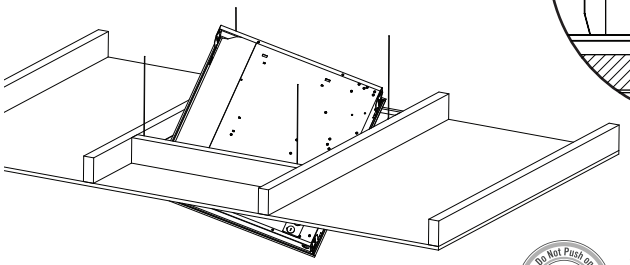




3 Install Fixture into Ceiling

1. After wiring the fixture and checking all connections, carefully install fixture by angling it up through drywall frame kit and rest the housing on the frame.







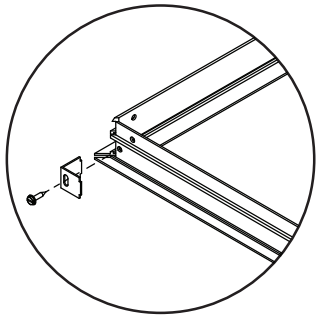
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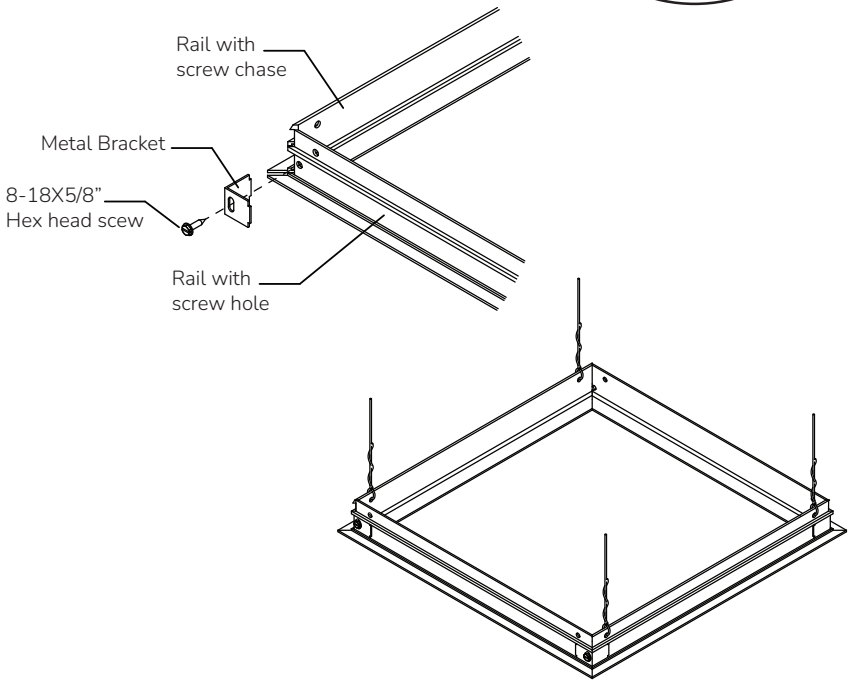
lucen 2x2, 2x4
Inaccessible Installation

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1 Flange Kit with Screws

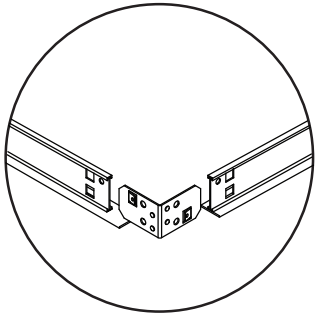
1. Slide bracket into the rail with the screw chase and rail with the screw hole making sure the screw slot lines up with the whole.
2. Use the four 8-18x5/8” Hex head screws provided to screw the brackets into the corners.
3. Place assembled flange kit into ceiling cut out and tie off to structure.

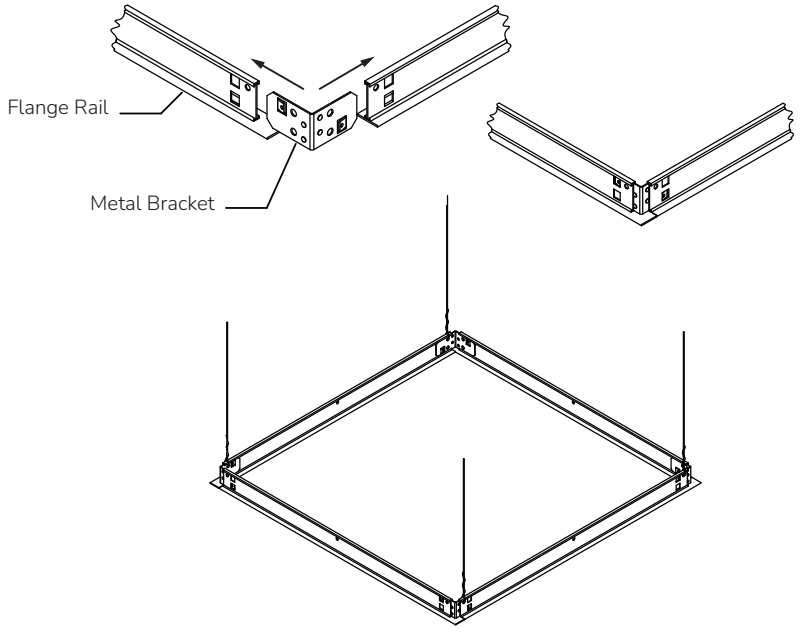




2 Flange Kit without Screws

1. Slide the metal bracket into the inside channel of the notched end of a flange rail until it clicks.
2. Slide the other end of the metal bracket into the inside channel of the next non-notched end of a flange rail. Repeat at each corner.
3. Place assembled flange kit into ceiling cutout and tie off to structure through the open holes at each corner.



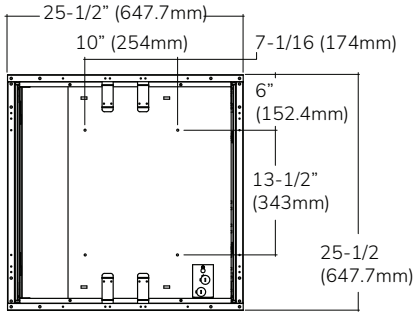




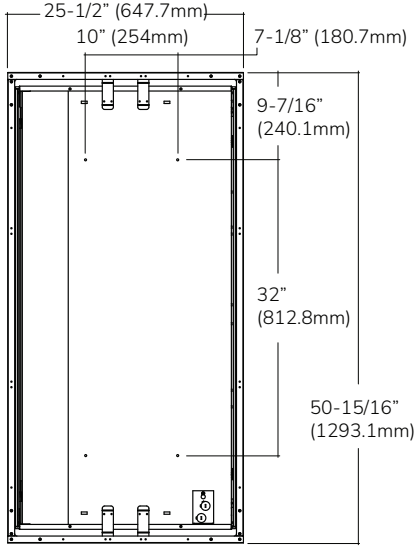
* DO NOT APPLY * PRESSURE TO CENTER LENS CHANNEL

1 Mounting Prep

1. Install supports for mouting fixtures to based on the mounting hole positions called out in the dimensioned drawings below.
2. Remove fixture door to prepare for mounting fixtures (see maintenance section for door frame removal).



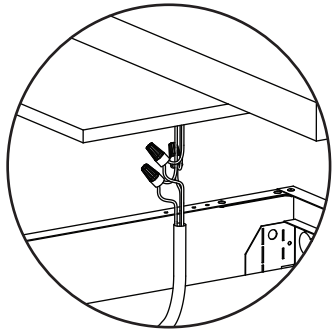
Lucen 2x2

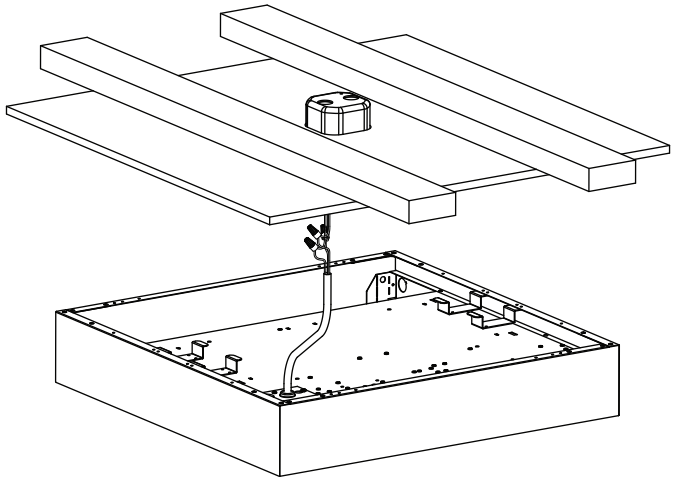


Lucen 2x4

2 Making the Connections

1. Using the power cord from the fixture make necessary wiring connections to building power.
2. After making connections recess the wires into the J-Box.



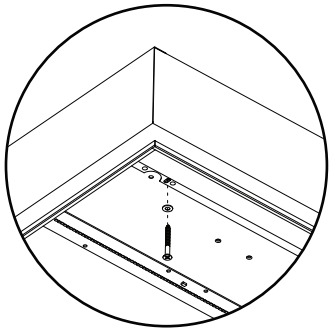


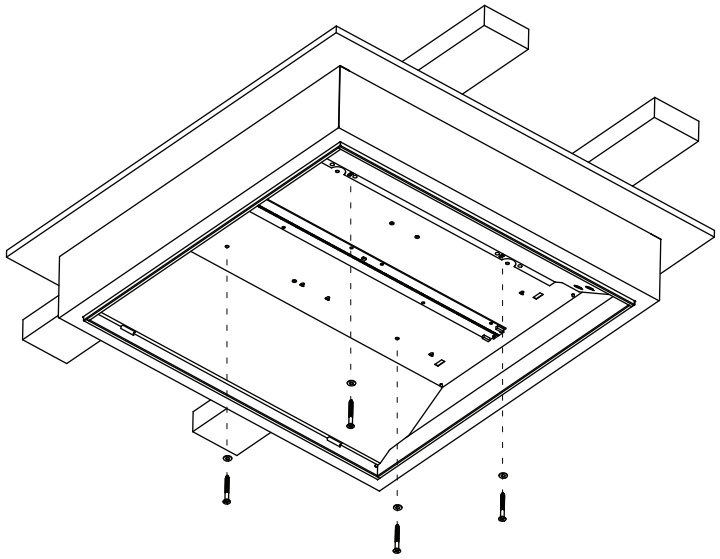


* DO NOT APPLY *
PRESSURE TO CENTER LENS CHANNEL

3 Mounting

1. Lift fixture inside surface mount box to the ceiling, secure fixture to ceiling via four mounting points using 1/4” hardware (by others).







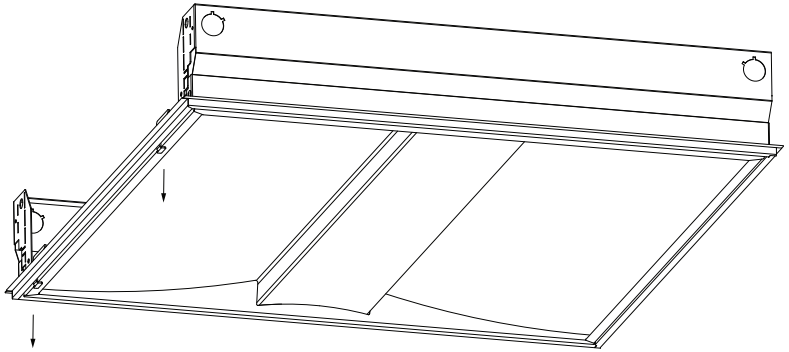
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lucen 2x2, 2x4 Maintenance Sheet

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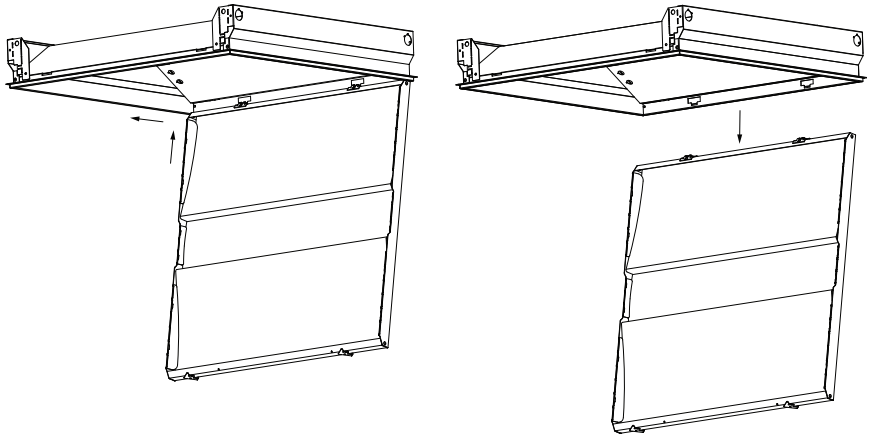
1 Opening the Doorframe

1. On one side of the doorframe there are two latches, pull the latches do disengage the doorframe from the fixture. The door frame can then swing open, hinged on the opposite side of the latches



2 Removing the Doorframe

1. With the doorframe open all the way push the frame up into the cavity of the fixture until the tabs are visable in the opening on the side of the fixture, then pull the frame out.
2. To reinstall the frame, repeat the removal in reverse.

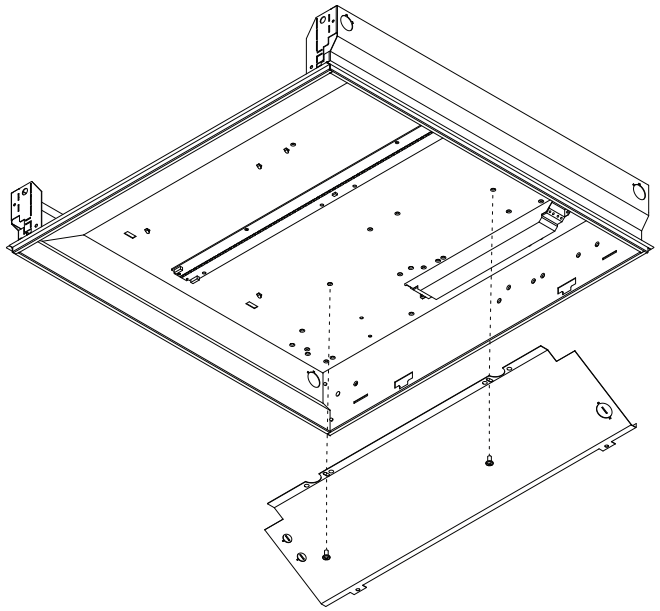




* DO NOT APPLY * PRESSURE TO CENTER LENS CHANNEL

1 Accessing Wiring + Driver

1. To access fixture wiring or drivers, remove the driver cover via two screws. Driver cover pulls out of fixture.





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