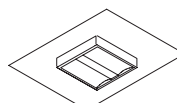
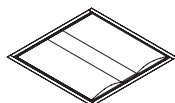
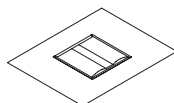
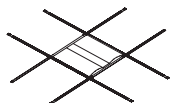




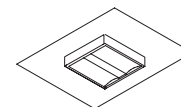
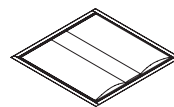
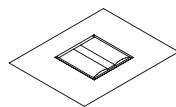
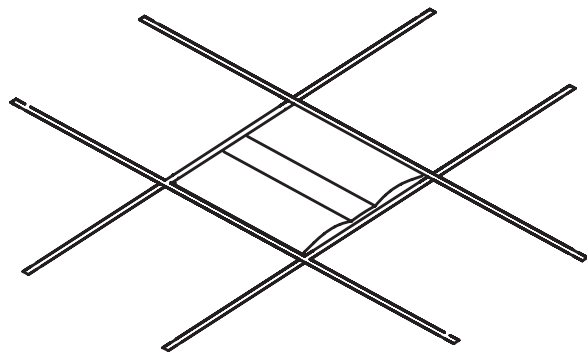
ADEO INSTALLATION INSTRUCTIONS

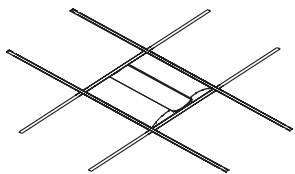
Grid Ceiling Installation	2-3
Inaccessible Installation	4-7
1x1 LED Inaccessible Installation	7-9
Surface Mount Box Installation	10-12
Maintenance Sheet	13-14





ADEO GRID CEILING INSTALLATION



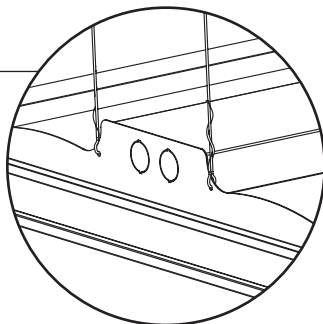
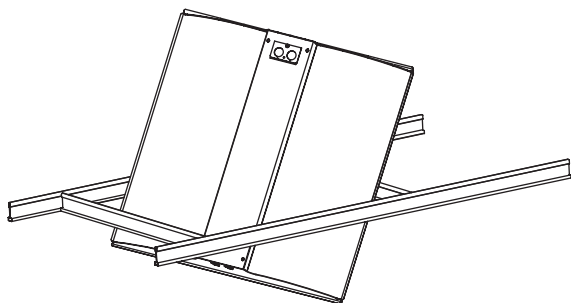


ADEO Grid Ceiling Installation

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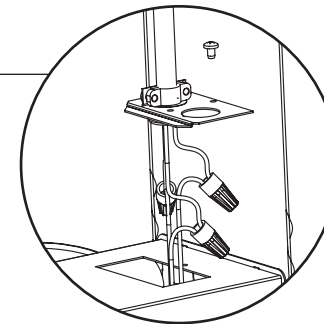
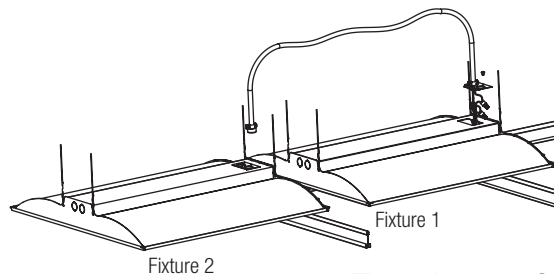
Step 1: T-Grid Installation

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).



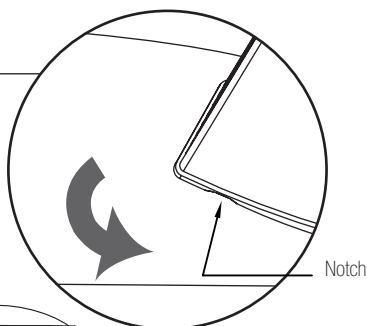
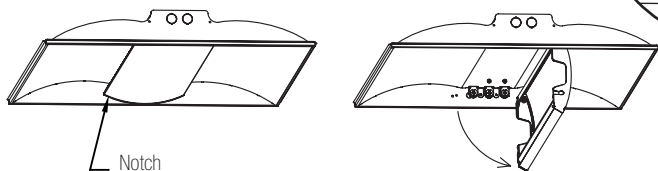
Step 2: Making the Connections

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



Step 3: Installing Lamps

1. Locate notch on lens endcap, pull down from notched side of lens to open.
2. Lens remains captive to fixture for lamp installation and maintenance.



Through-wiring Option *shown with optional flex whip.

1. Pull wiring from fixture 1 into fixture 2 using whip assembly with snap in connectors.
2. Make wiring connections in fixture 2.



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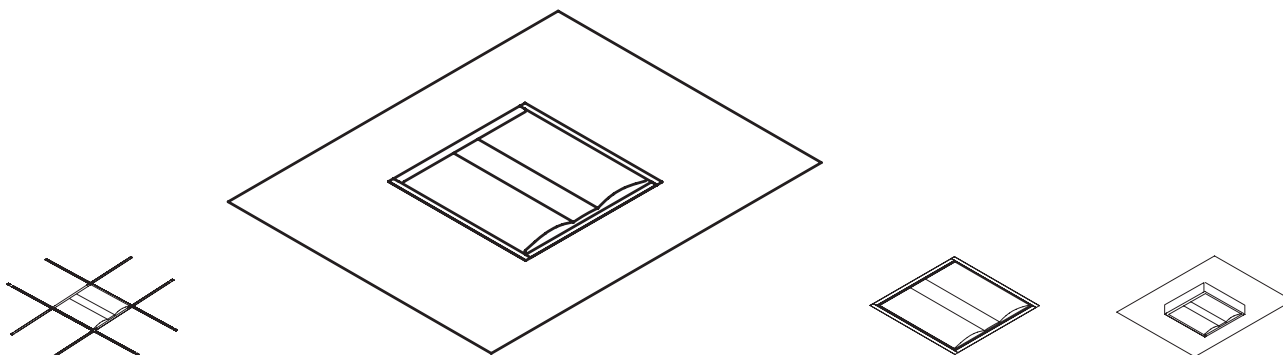
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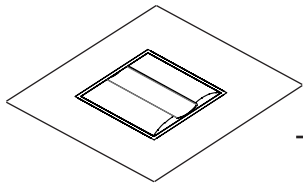
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ADEO INACCESSIBLE INSTALLATION





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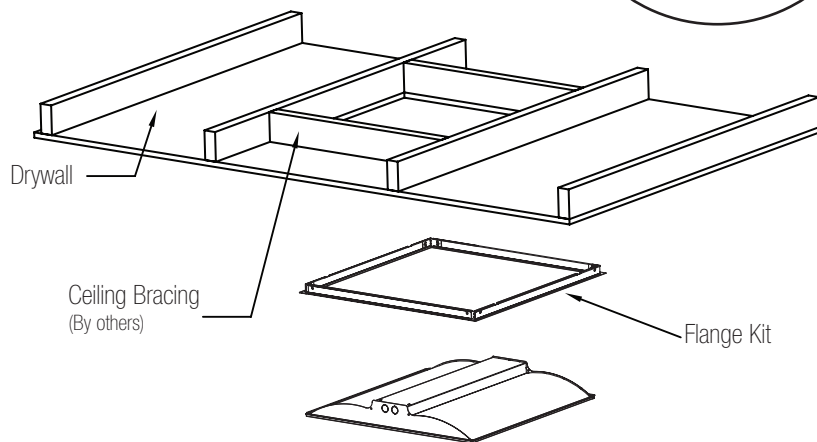
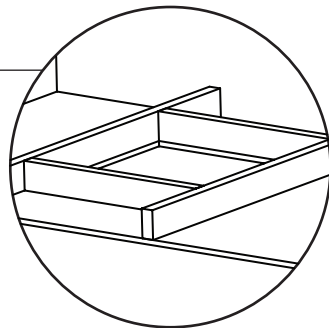
Inaccessible Installation

[Return to Main Menu](#)

Step 1:

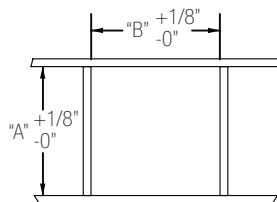
Rough in

1. Build ceiling framing.
2. Make appropriate cut out in drywall (see Dimension chart below).
3. Install flange kit.



Dimension Chart

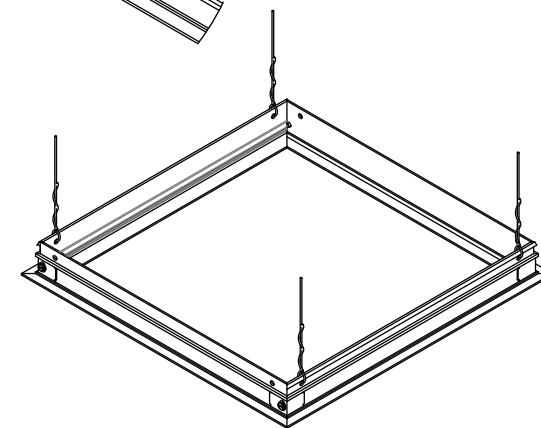
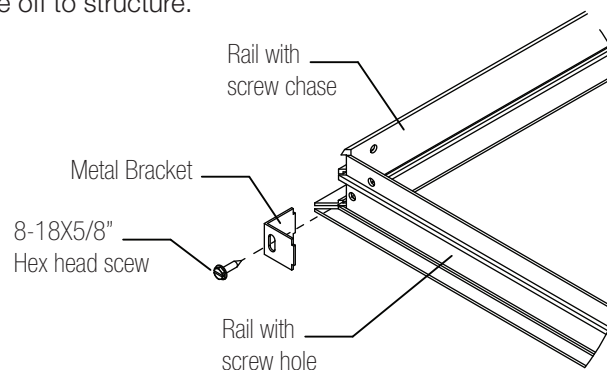
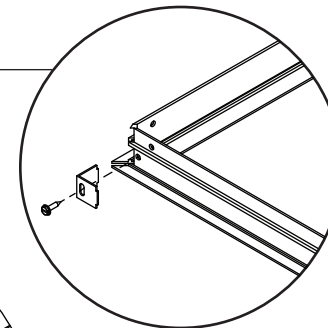
Fixture Size	Dim "A"	Dim "B"
1x4	12-3/4"	48-3/4"
2x2	24-3/4"	24-3/4"
2x4	24-3/4"	28-3/4"



Step 2:

Setting up the Flange Kit

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.



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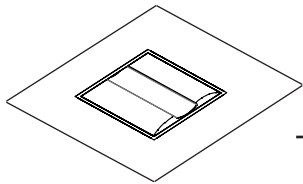
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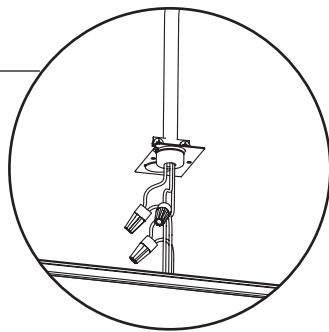
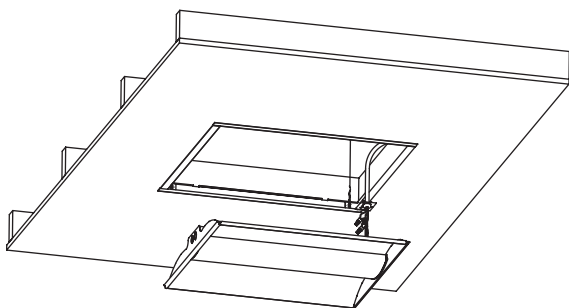
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Inaccessible Installation

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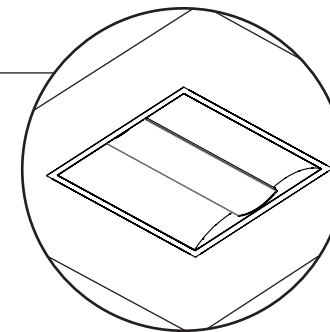
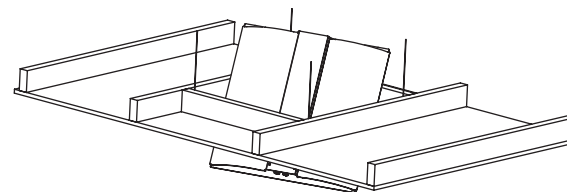
Step 3: Making the Connections

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



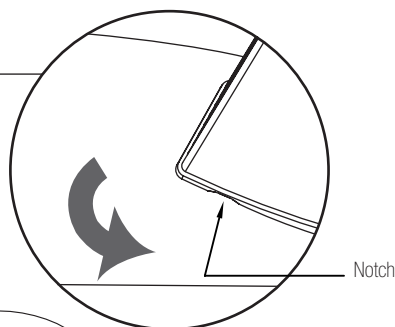
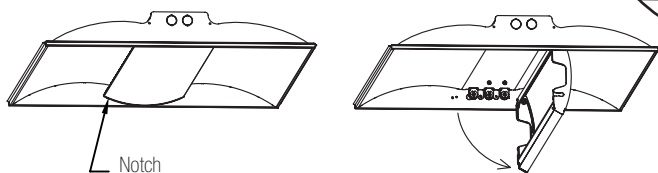
Step 4: Install Fixture into Ceiling

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.



Step 5: Installing Lamps

1. Locate notch on lens endcap, pull down from notched side of lens to open.
2. Lens remains captive to fixture for lamp installation and maintenance.



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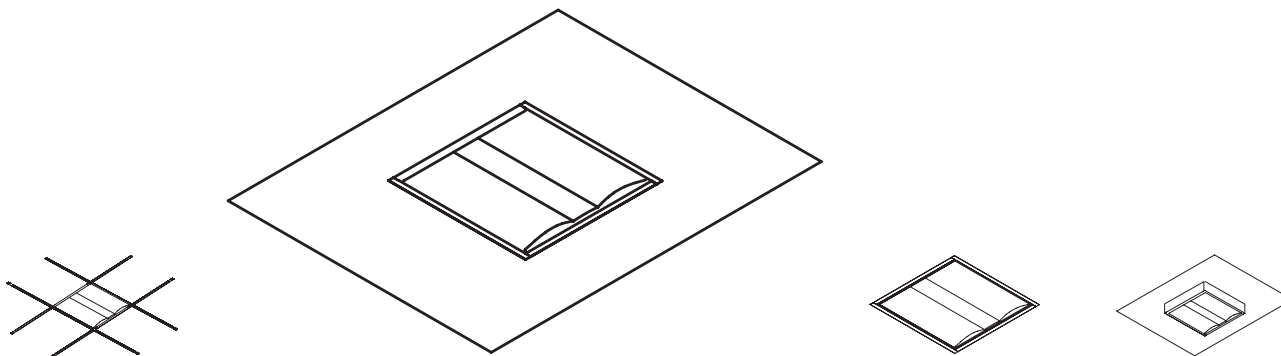
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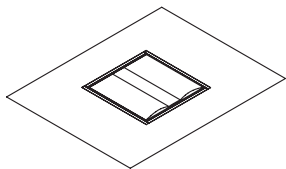
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ADEO 1X1 INACCESSIBLE INSTALLATION





ADEO 1x1 Inaccessible Installation

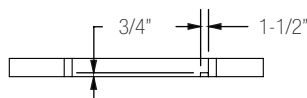
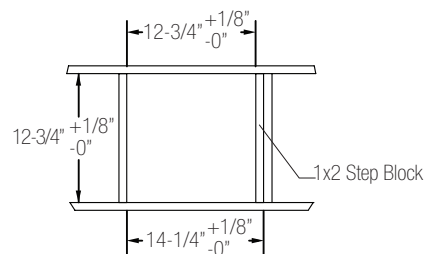
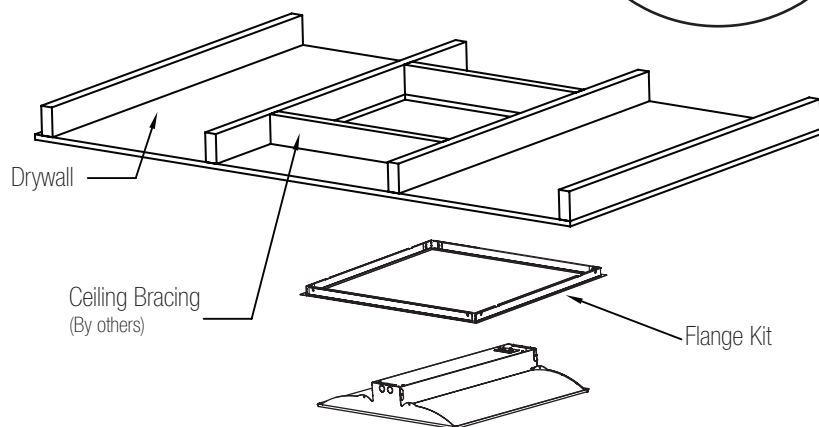
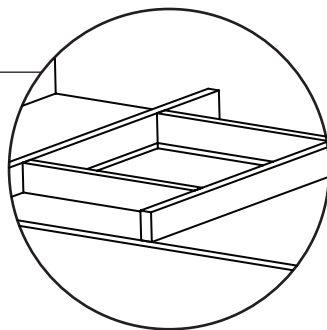
[Return to Main Menu](#)

*Fixture has housing extension. Read instructions to accommodate for extension.

Step 1:

Rough in

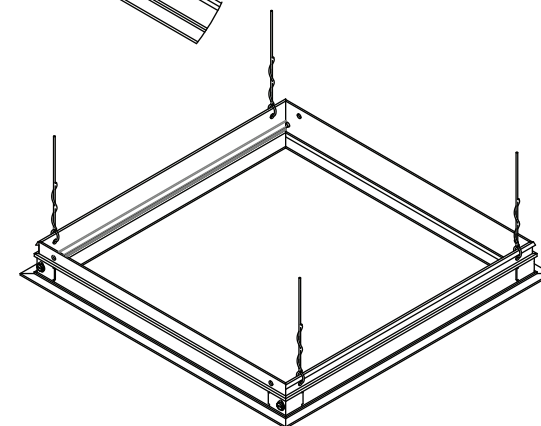
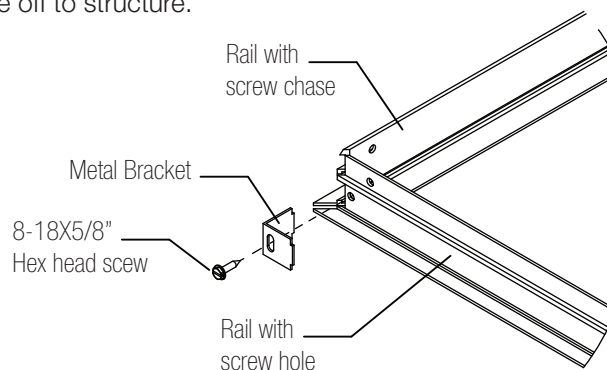
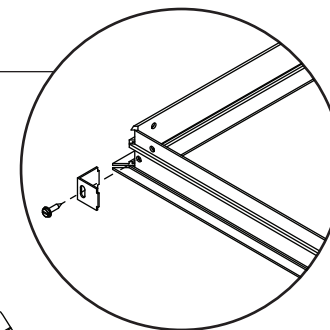
1. Build ceiling framing using dimensions below
2. Make appropriate cut out in drywall
3. Install flange kit.



Step 2:

Setting up the Flange Kit

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.



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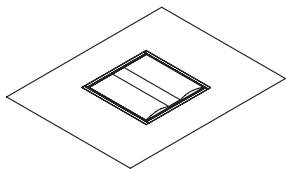
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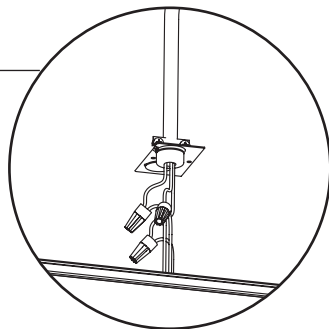
ADEO 1x1 Inaccessible Installation

[Return to Main Menu](#)

*Fixture has housing extension. Read instructions to accommodate for extension.

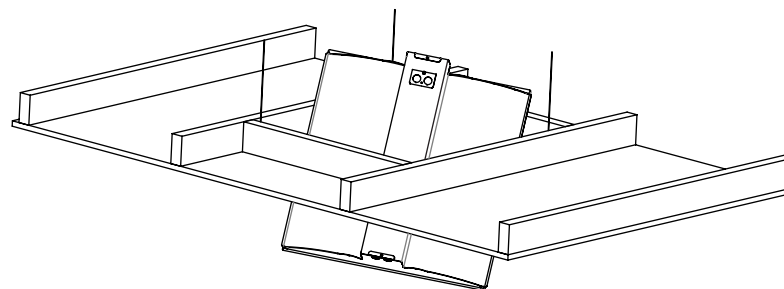
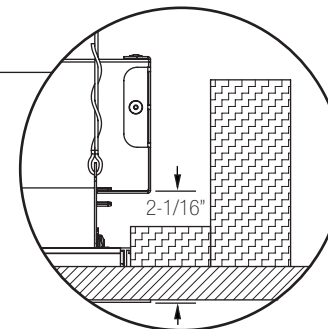
Step 3: Making the Connections

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



Step 4: 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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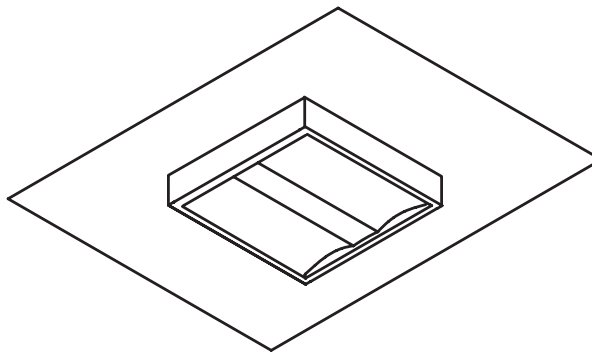
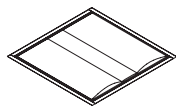
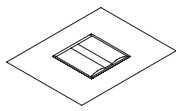
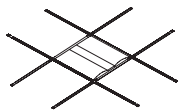
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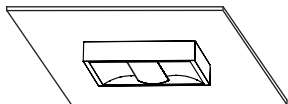
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SURFACE MOUNT BOX INSTALLATION



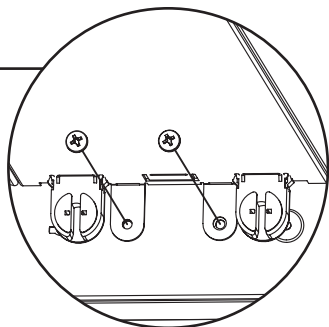
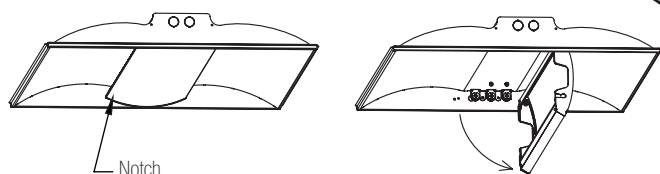


ADEO Surface Mount

Step 1:

Remove Ballast Cover

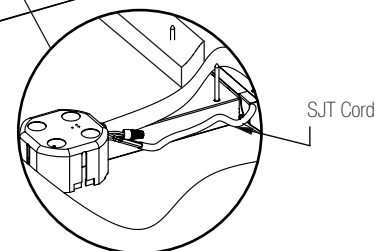
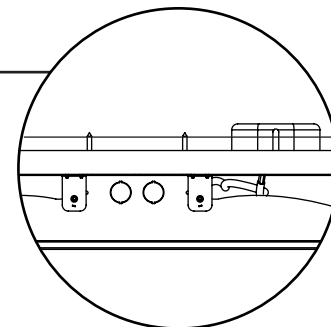
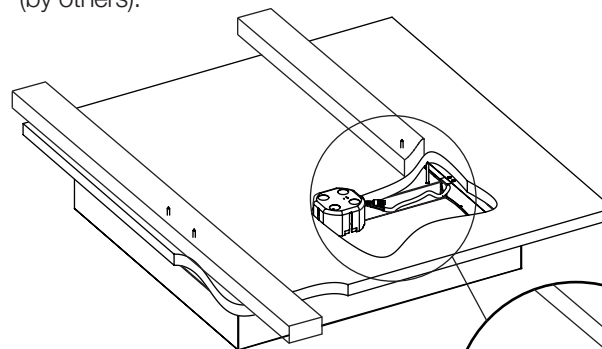
1. Located lens notch and pull lens down from that side.
2. Remove (2) #8-32 screws.
3. Pull ballast tray down to remove it from fixture.



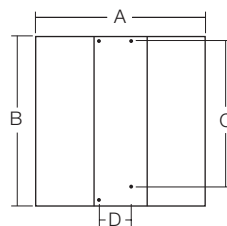
Step 2:

Making the Connections

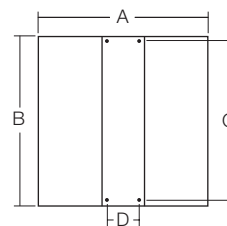
1. Using the power cord from the fixture make necessary wiring connections to building power.
2. After making connections recess the wires into the J-Box and cover with appropriate canopy (by others).



J-Box CANNOT be installed over ballast channel!
channel is 4.60" wide in 2x2 and 2x4 and 3.24" wide in 1x4



1x1 Fixtures



Fixture Size	Dim "A"	Dim "B"	Dim "C"	Dim "D"
1x1	13-1/2"	13-1/2"	10-7/16"	2-5/8"
1x4	13-1/2"	49-1/2"	40"	2-3/5"
2x2	25-1/2"	25-1/2"	21"	4"
2x4	25-1/2"	49-1/2"	45"	4"



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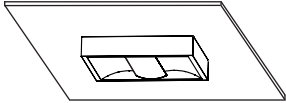
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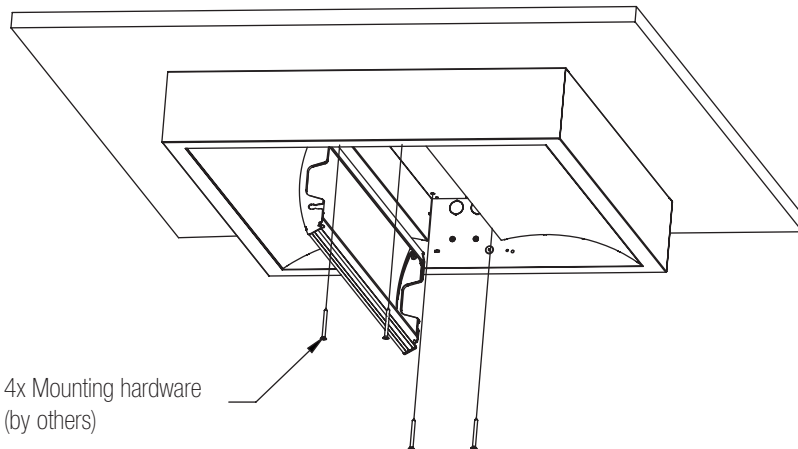
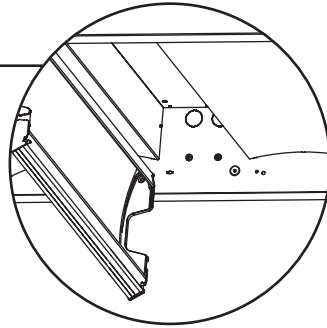
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Surface Mount

Step 3:

Mounting / Finishing.

1. Inside ballast channel locate holes in corners (one in each corner) .
2. Using these holes (4) mount fixture to structure with appropriate mounting hardware (by others).
3. Re-install ballast cover, Install lamps, close fixture.



4x Mounting hardware
(by others)



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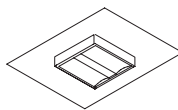
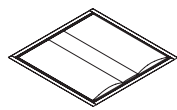
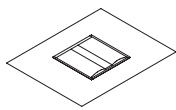
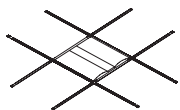
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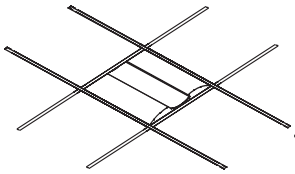
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MAINTENANCE SHEET





ADEO Maintenance Sheet

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Main Menu

Figure 1

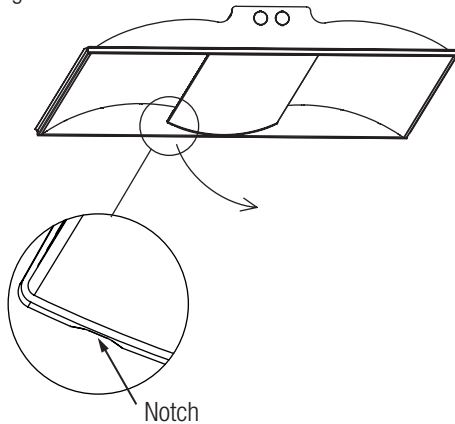
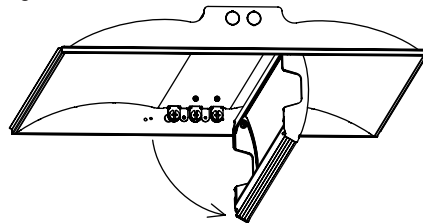


Figure 2



Access to lamps

1. Disconnect power.
2. Locate lens notch (located on one side only) and pull lens down from that side (Fig 1).
3. Lens swings open allowing access to lamps (Fig 2).
4. Lens remains captive to fixture during lamps/ballast maintenance (Fig 2).

Lens Cleaning

1. Open lens (as instructed)
2. Lens remains captive to fixture during maintenance/cleaning.
3. Wipe top and bottom of lenses with Isopropyl alcohol and a clean rag (DO NOT USE AMMONIA).
4. Close by rotating and pushing lens up until it snaps in place.

Figure 1

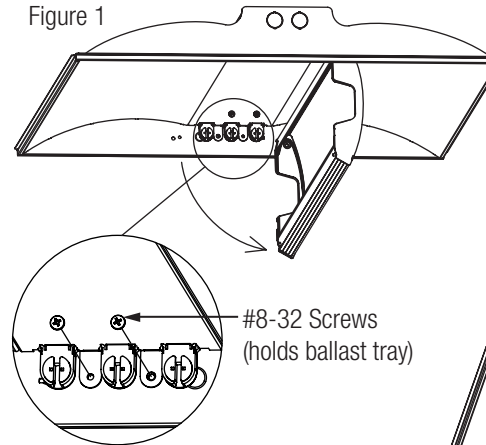
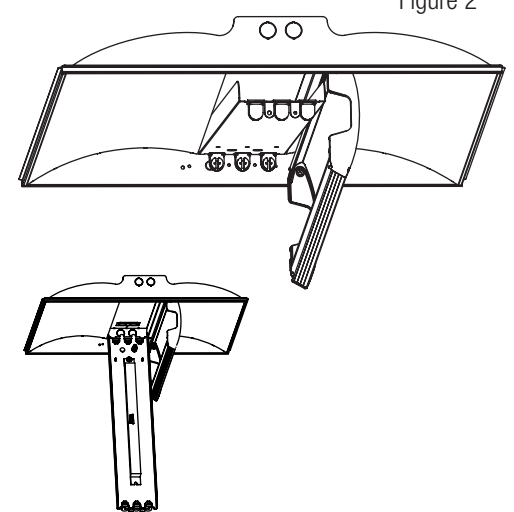


Figure 2



Access to ballast

1. Disconnect power.
2. To access the ballast, remove #8-32 screws (fig. 1).
3. Pull ballast tray off as shown (fig. 2) and ballast will be fully accessible.
4. Reverse step 2 prior to closing lens.
5. Close by rotating and pushing lens up until it snaps in place.



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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. Contact Pinnacle prior to making any fixtures alterations.
5. Contact Pinnacle with any installation questions or field issues.

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