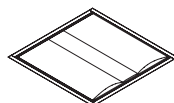
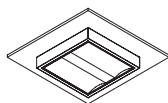
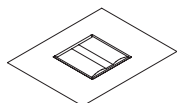
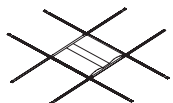




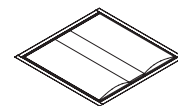
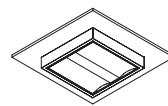
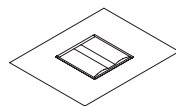
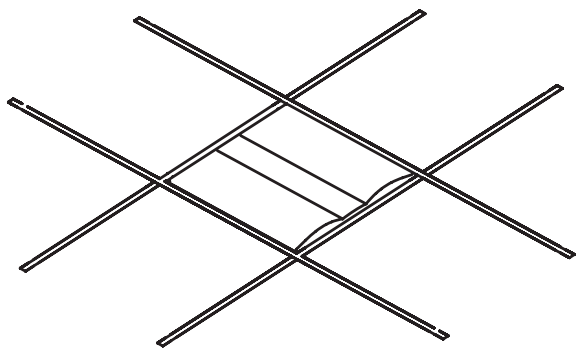
# LUCEN INSTALLATION INSTRUCTIONS

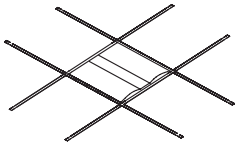
Grid Ceiling Installation .....	2-3
Inaccessible Installation .....	6-8
Surface Mount Installation .....	12-14
Maintenance Sheet .....	15-16
Controls Details .....	17-18





# LUCEN GRID CEILING INSTALLATION





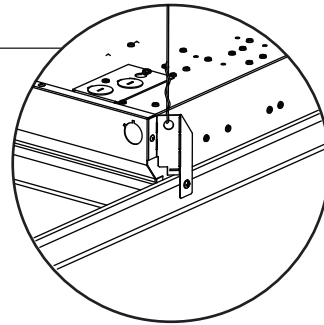
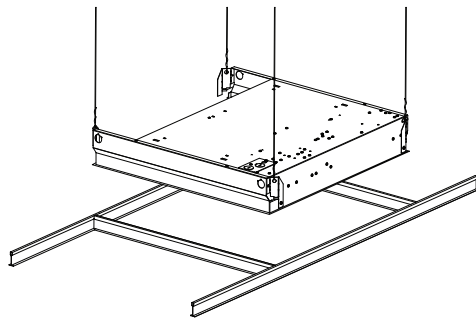
# LUCEN Grid Ceiling Installation



**\* DO NOT APPLY \*  
PRESSURE TO CENTER  
LENS CHANNEL**

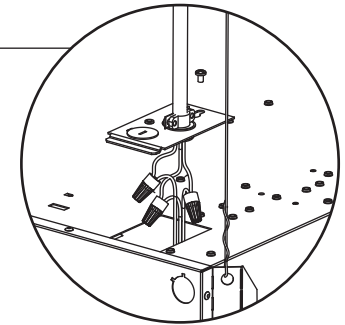
## Step 1: T-Grid Installation

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).



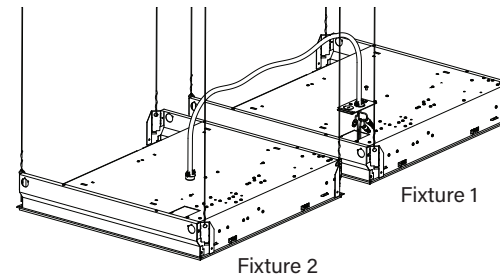
## Step 2: Making the Connections

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



### 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.

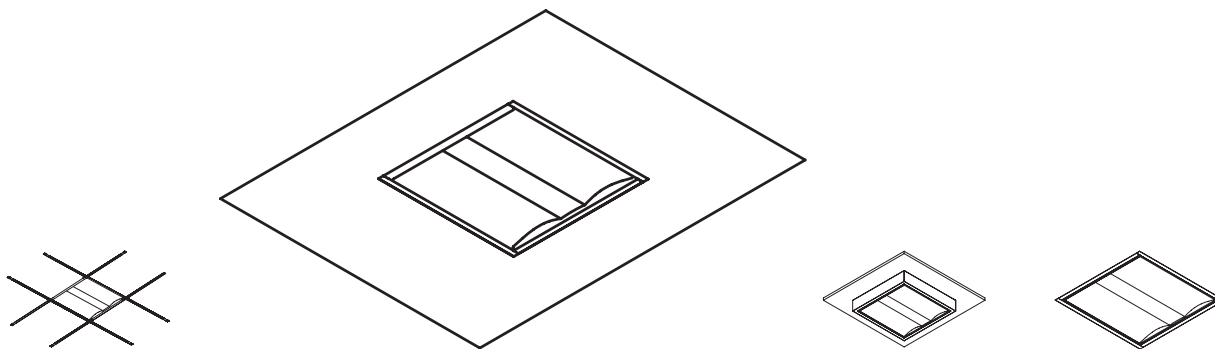


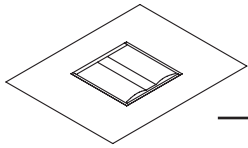
1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local 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.
6. 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.



# LUCEN INACCESSIBLE INSTALLATION





# LUCEN Inaccessible Installation

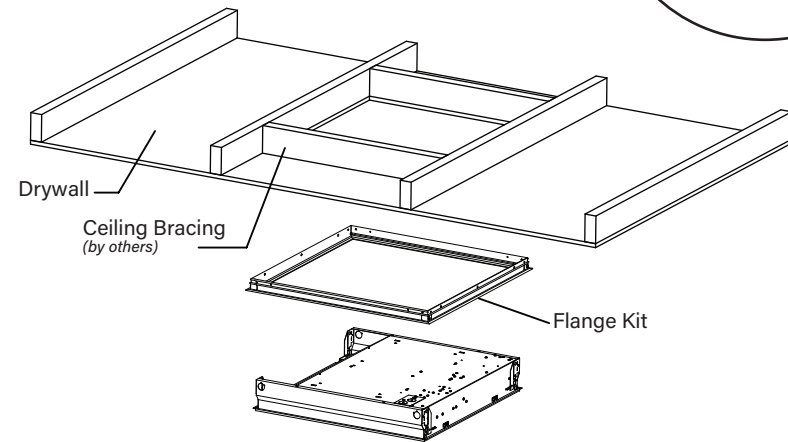
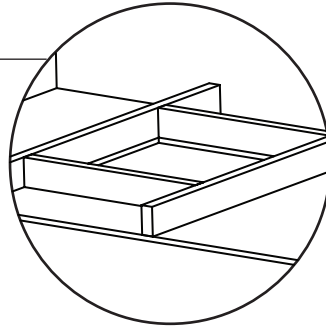


**\* DO NOT APPLY \*  
PRESSURE TO CENTER  
LENS CHANNEL**

## Step 1:

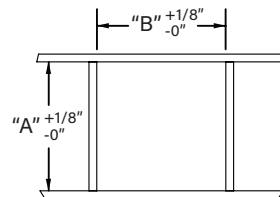
### Rough In

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

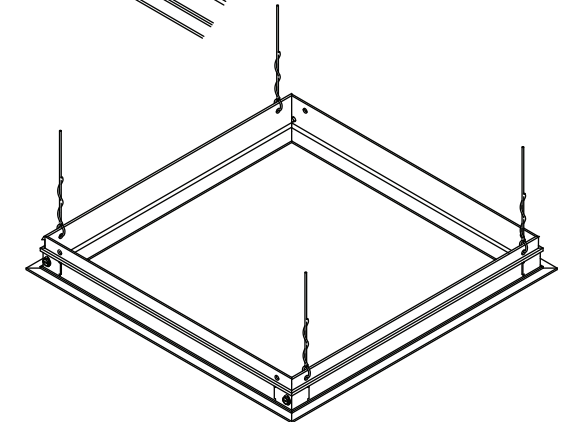
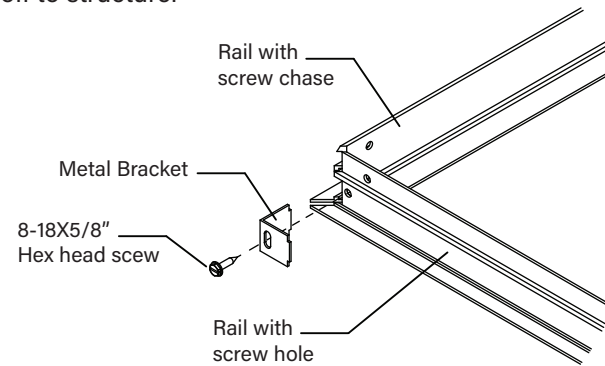
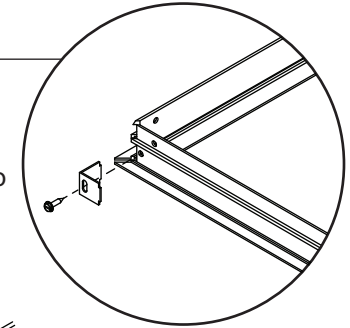
Fixture Size	Dim "A"	Dim "B"
2x2	24-3/4"	24-3/4"
2x4	24-3/4"	48-3/4"



## Step 2:

### Setting up the Flange Kit

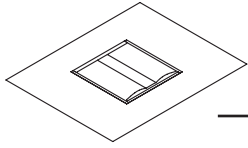
1. Slide bracket into the rail with the screw chase and rail with the screw hole making sure the screw slot lines up with the whole.
2. Use the four 8-18x5/8" Hex head screws provided to screw the brackets into the corners.
3. Place assembled flange kit into ceiling cut out and tie off to structure.



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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.
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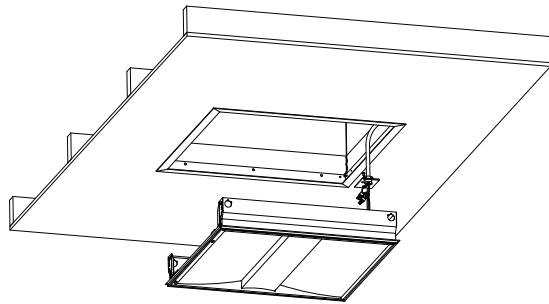
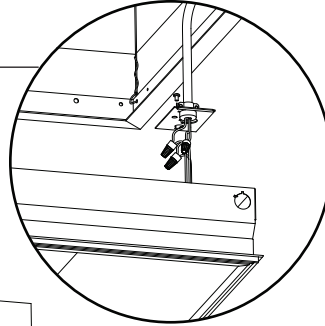
# LUCEN Inaccessible Installation



\* DO NOT APPLY \*  
PRESSURE TO CENTER  
LENS CHANNEL

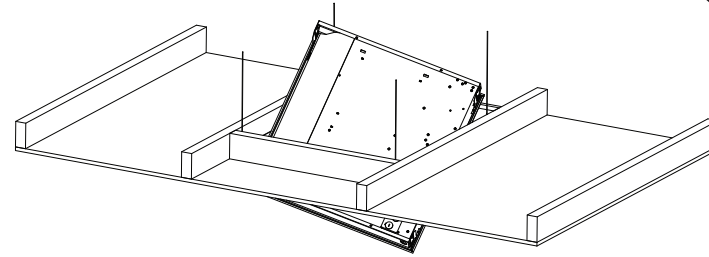
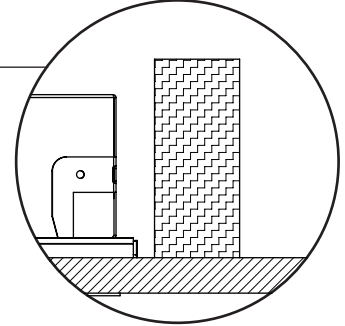
## Step 3: Making the Connections

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 it.

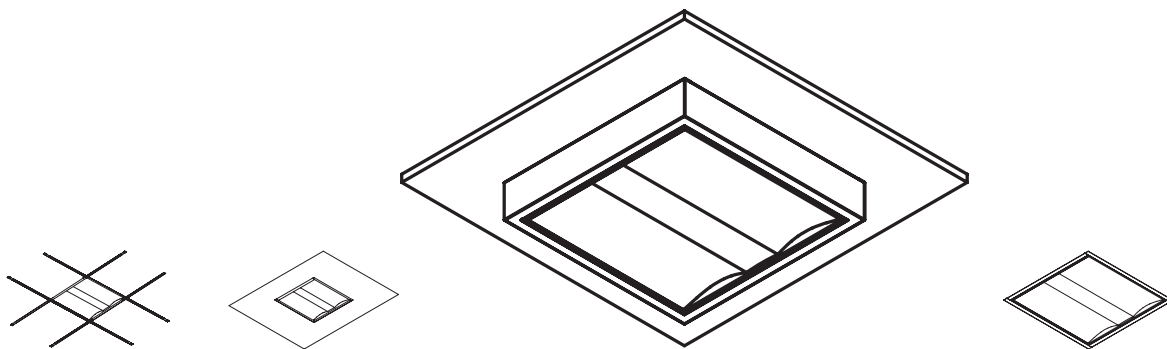


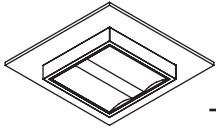
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2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.

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# LUCEN 2X2, 2X4 SURFACE MOUNT INSTALLATION





# LUCEN 2x2, 2x4 Surface Mount



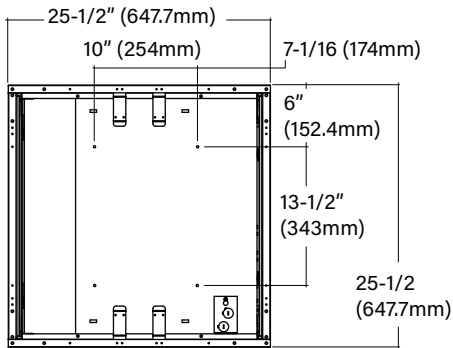
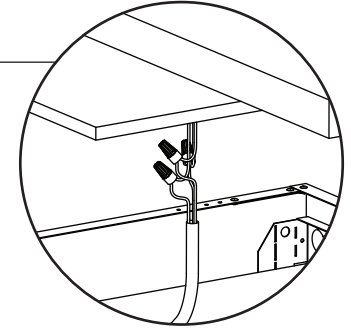
**\* DO NOT APPLY \*  
PRESSURE TO CENTER  
LENS CHANNEL**

## Step 1: Mounting Prep

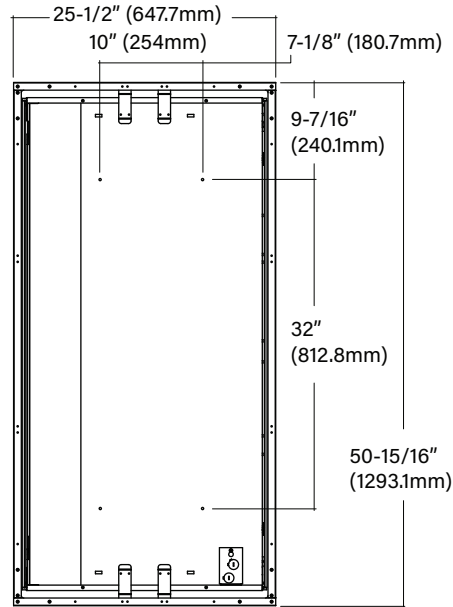
1. Install supports for mounting fixtures to based on the mounting hole positions called out in the dimensioned drawings below.
2. Remove fixture door to prepare for mounting fixtures.  
*(see maintenance section for door frame removal)*

## Step 2: Making the Connections

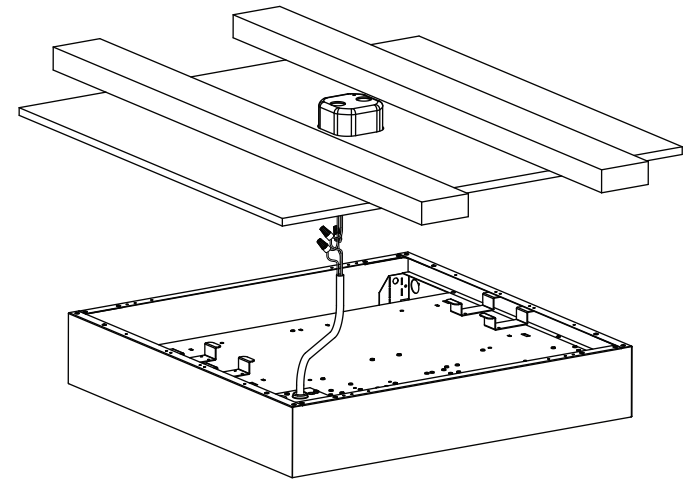
1. Using the power cord from the fixture make necessary wiring connections to building power.
2. After making connections recess the wires into the J-Box.



Lucen 2x2



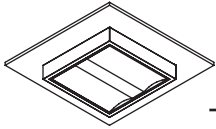
Lucen 2x4



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.
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4. Fixtures must be mounted directly to structure.
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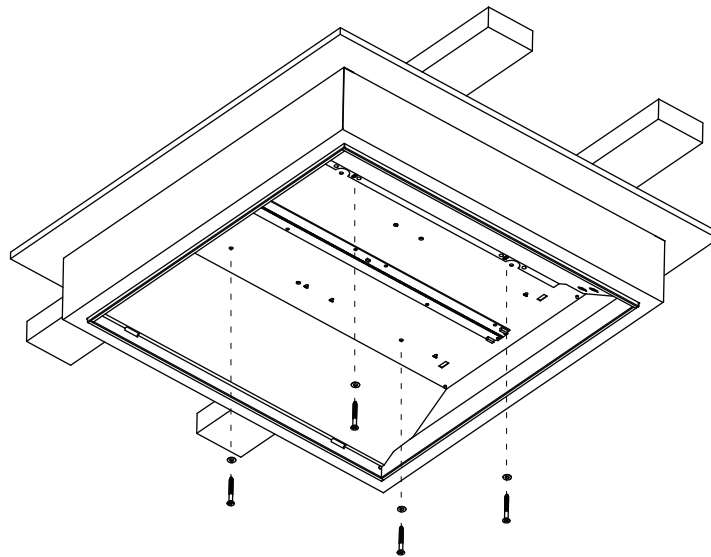
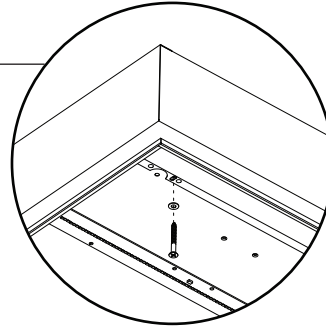
# LUCEN 2x2, 2x4 Surface Mount



\* DO NOT APPLY \*  
PRESSURE TO CENTER  
LENS CHANNEL

## Step 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*)

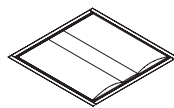
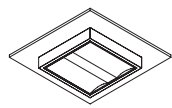
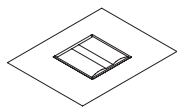
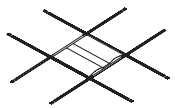


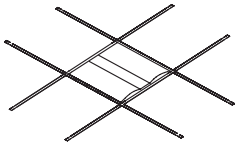
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# LUCEN MAINTANENCE SHEET





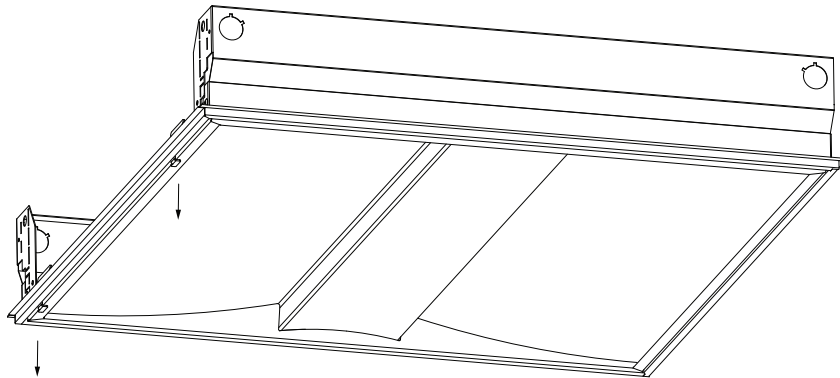
# LUCEN Maintenance Sheet



\* DO NOT APPLY \*  
PRESSURE TO CENTER  
LENS CHANNEL

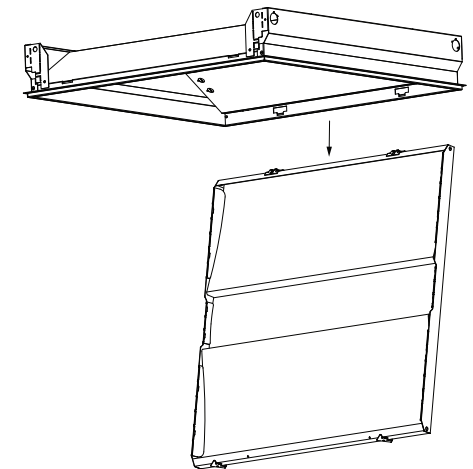
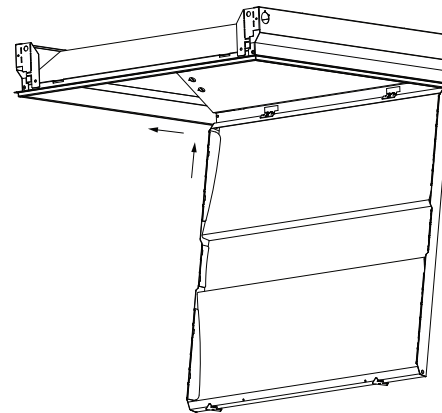
## Step 1: Opening the Doorframe

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



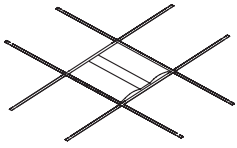
## Step 2: Removing the Doorframe

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



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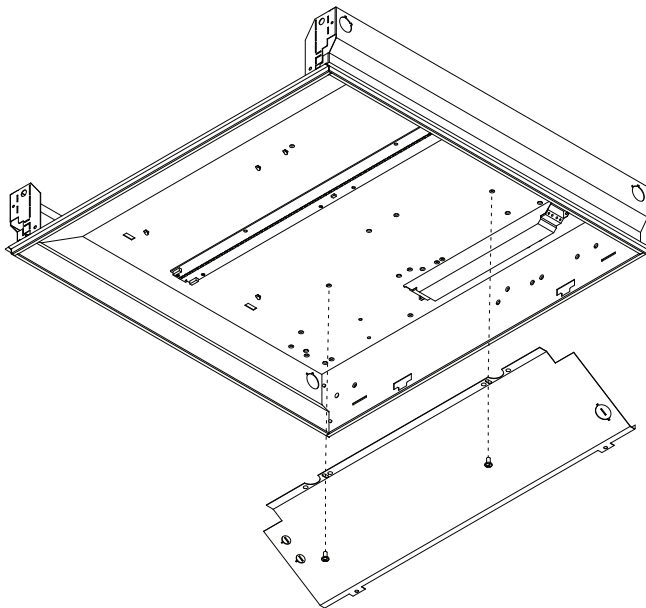
# LUCEN Maintenance Sheet



**\* DO NOT APPLY \*  
PRESSURE TO CENTER  
LENS CHANNEL**

## Step 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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