Stenos Square Downlight Installation Instructions

Stenos Square Recessed Downlights

Please read all instructions prior to installation and keep for future reference!

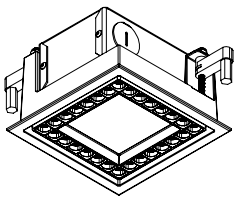
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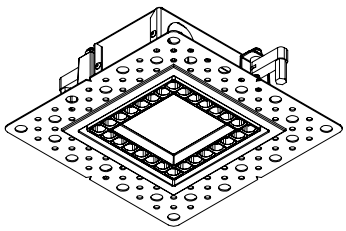
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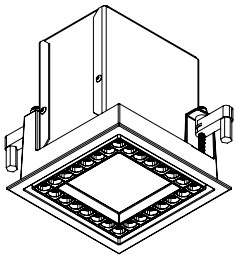
4x4 Trimmed Remote

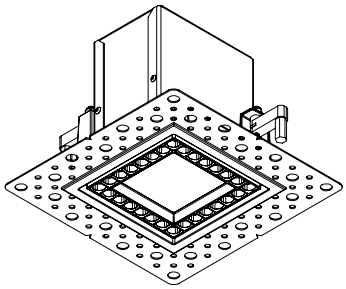




4x4 Trimless Remote

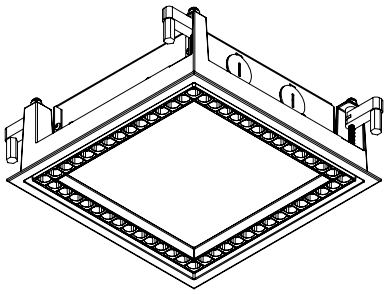
4x4 Trimmed Integral

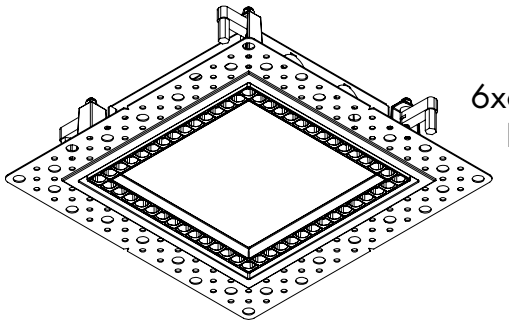




4x4 Trimless Integral

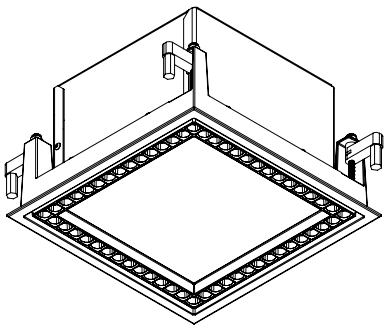
6x6 Trimmed Remote

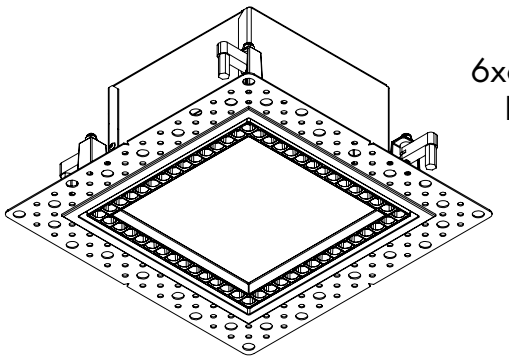




6x6 Trimless Remote

6x6 Trimmed Integral





6x6 Trimless Integral

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Stenos Square Downlight Installation Instructions

Stenos Square Recessed Downlights

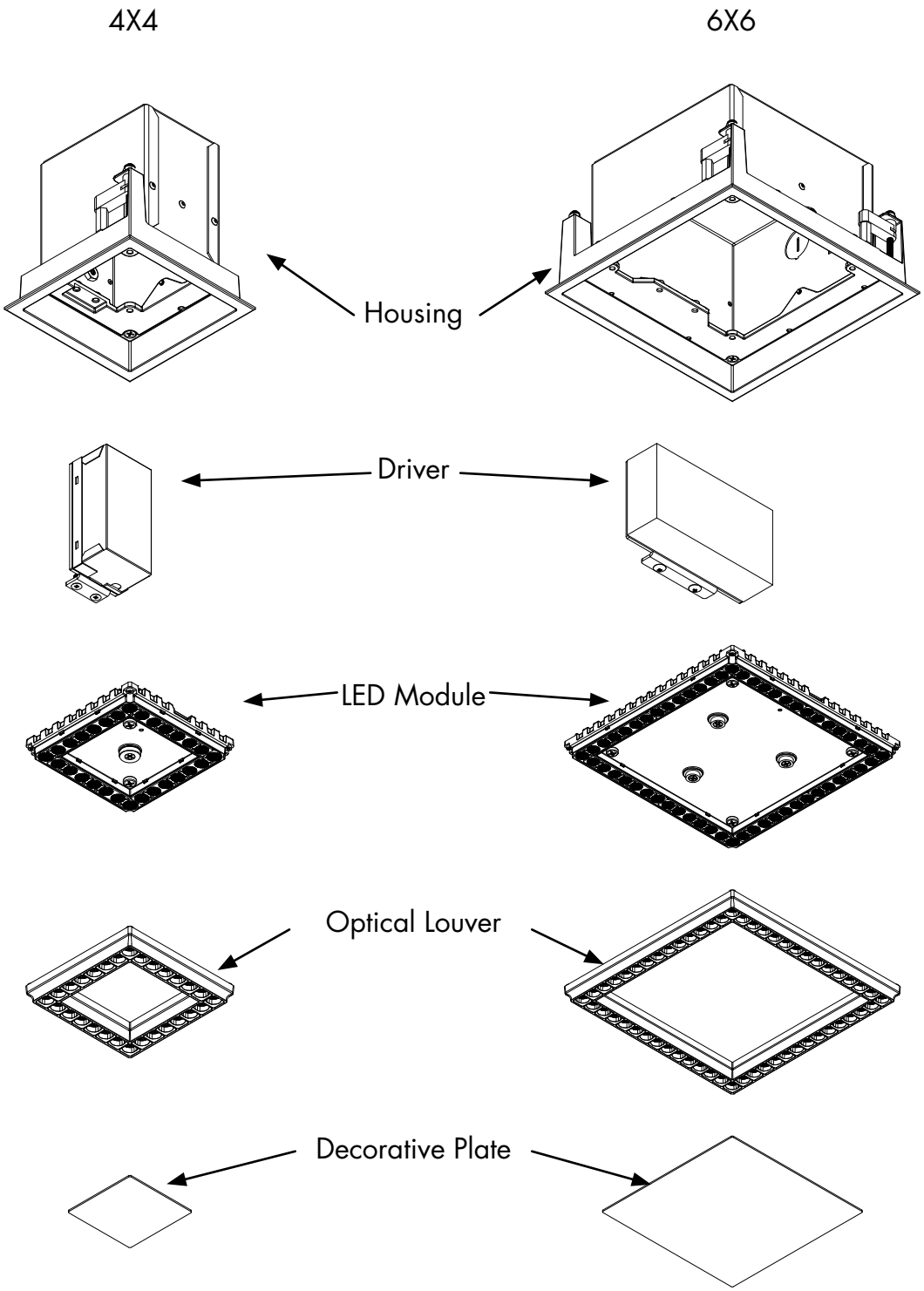
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Note: The following install steps will display the 4" version, but 6" version share the same steps.

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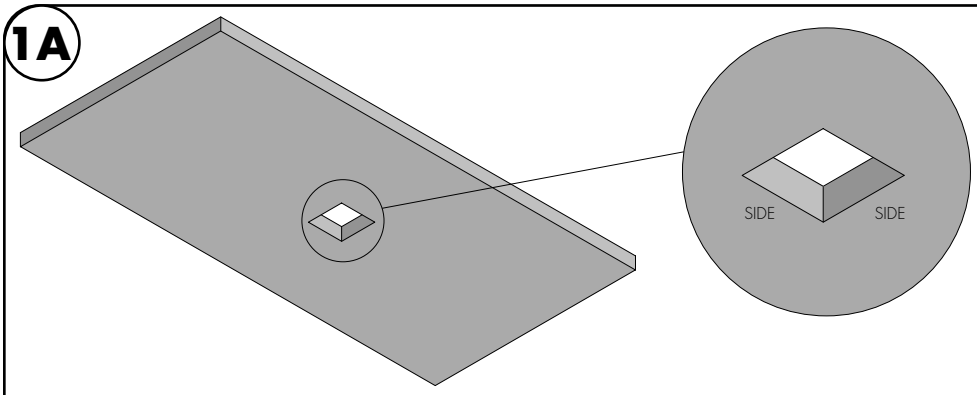
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Mounting Method 1A: Retrofit Install

1A



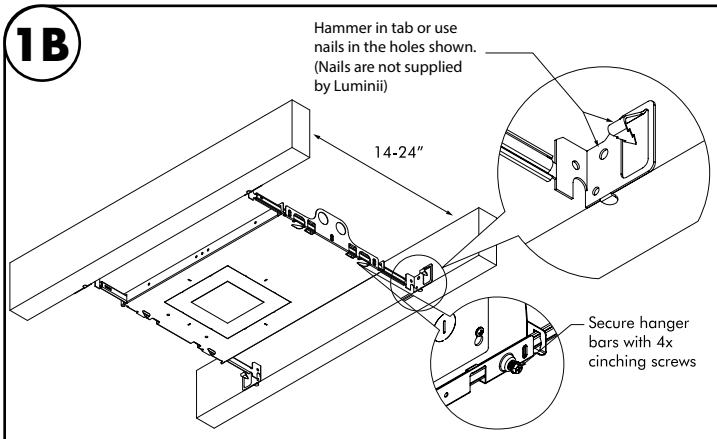
DRYWALL HOLE SIZES

	4″	6″
TRIMMED SIDE LENGTHS	3 - 3/4″	6 - 1/2″
TRIMLESS SIDE LENGTHS	3 - 7/8″	6 - 5/8″

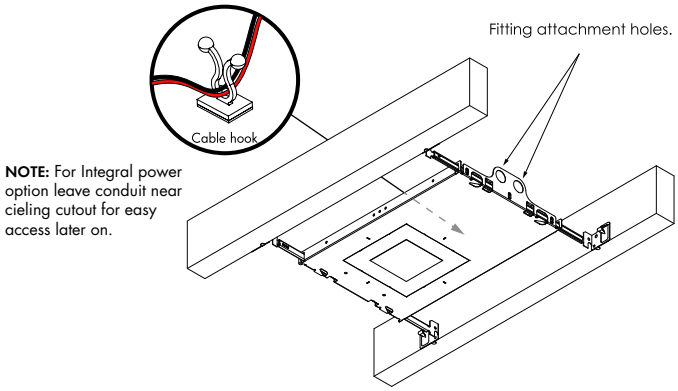
1A Using appropriate drywall cutter, cut location for fixture. Fish the supply wires through the cutout for easy access.

Mounting Method 1B: New Construction Install

1B

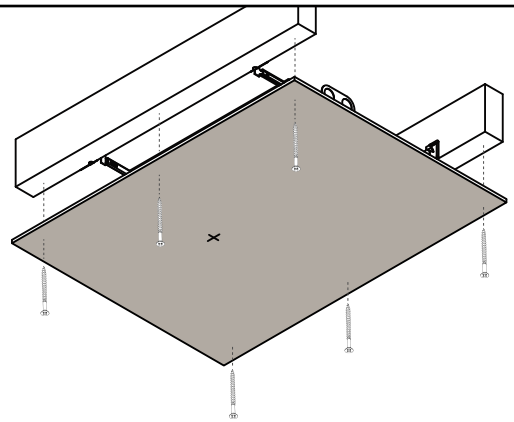


1B.1 Align the hanger bars on the plaster frame to the ceiling joists in desired location. Fasten them to the joist by hammering in the tabs on the hanger bars or with nails (supplied by others).

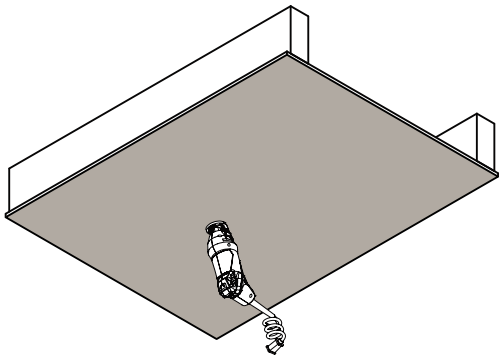


NOTE: For Integral power option leave conduit near cieling cutout for easy access later on.

1B.2 Route the flexible conduit or supply cables to the plaster frame fitting attachment holes with some slack to have ready to connect to the downlight. For remote version, use provided wire clip to help retrieve the supply cables during the next stages of installation. Make sure cables aren't too close to the fixture opening to avoid damaging wires in step 1B.4.



1B.3 Install the drywall to the joists, mark fixture rough center.



1B.4 Create a cutout using a cutting tool.
Note: The "cutting tool" (aka RotoZip cutter) will follow the hole in the plaster frame as a guide to create the hole which keeps everything aligned

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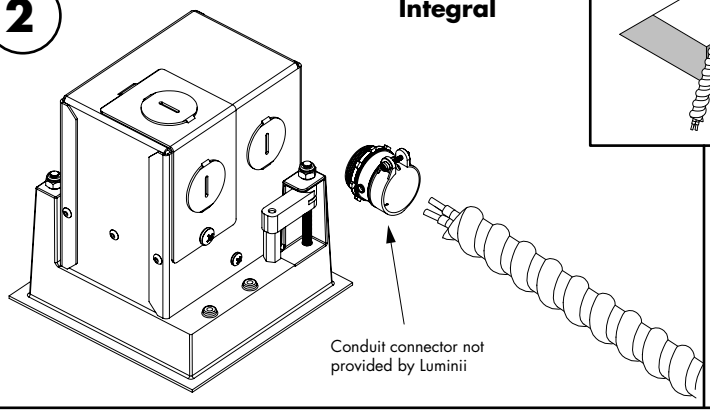
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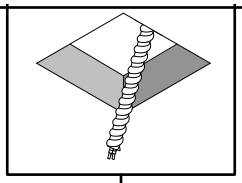
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Fixture Housing Install

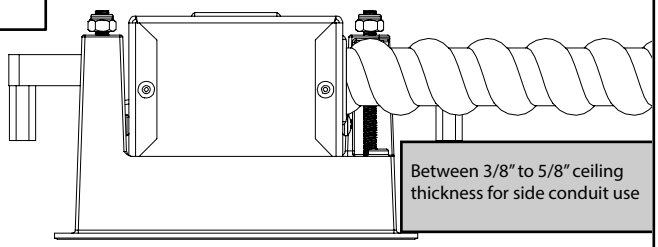
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Integral

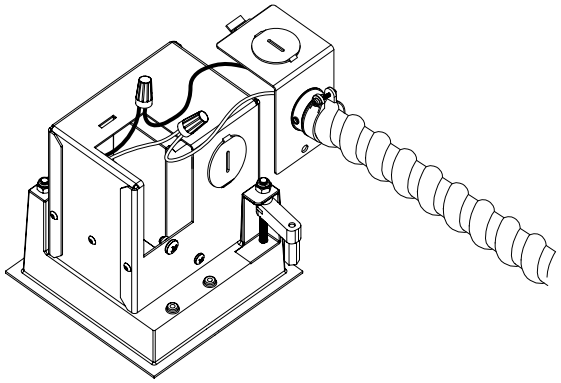


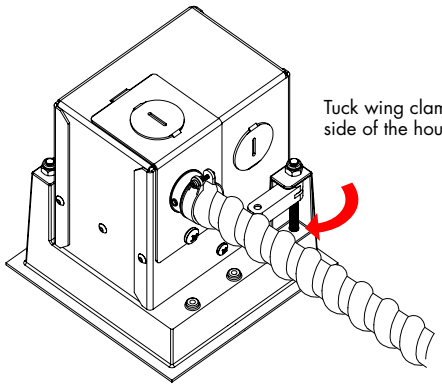


Remote



2.1 Pull flexible conduit/cable through opening in ceiling. Connect flexible conduit to desired knockout.

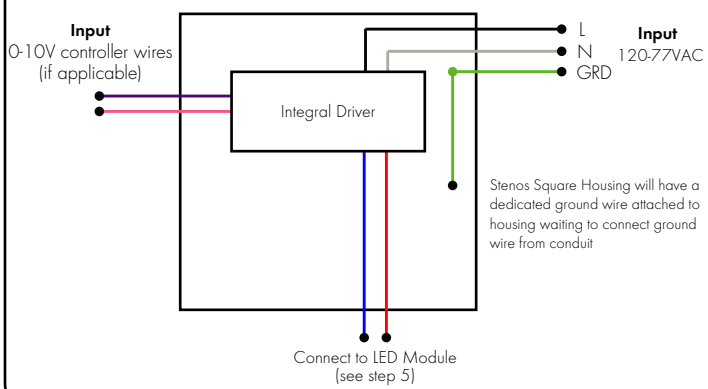




2.2 For integral version, with fixture still not installed to ceiling, make line voltage wire connections to driver.
NOTE: For remote version, leave wires in housing for wiring to LED module in step 5.

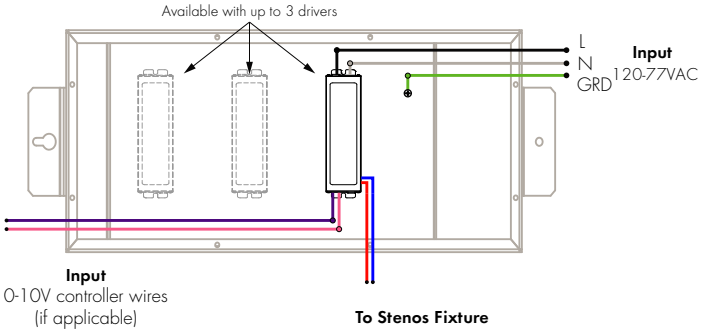
Wiring Diagrams

Stenos Square Housing
Integral Power Supply



Stenos Square
Remote Power Supply

For more remote wiring options, please check Stenos Power Supply Installation Instructions



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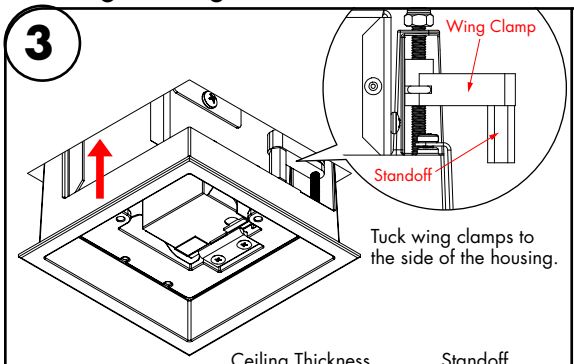
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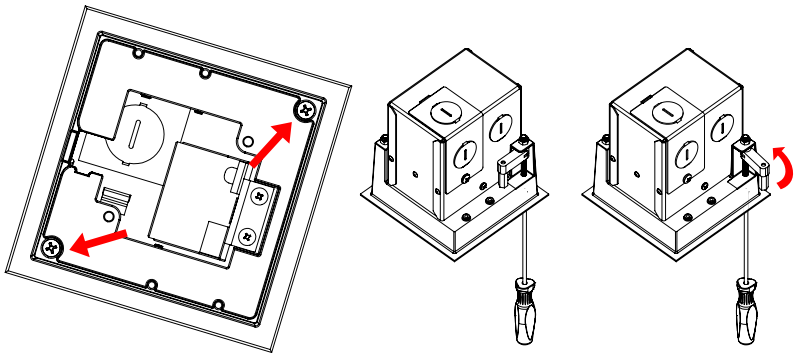
Housing Ceiling Install

3



Tuck wing clamps to the side of the housing.

Ceiling Thickness	Standoff
3/8" - 1"	Use standoff
> 1" - 1 1/2"	Remove Standoff

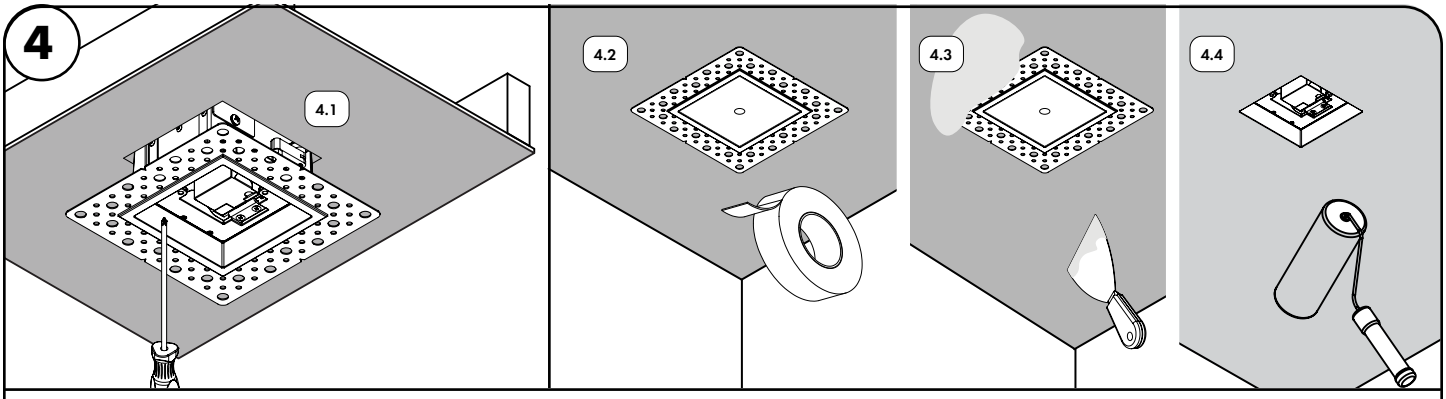


3.1 Fit housing back up through ceiling until mounting flange is flush.

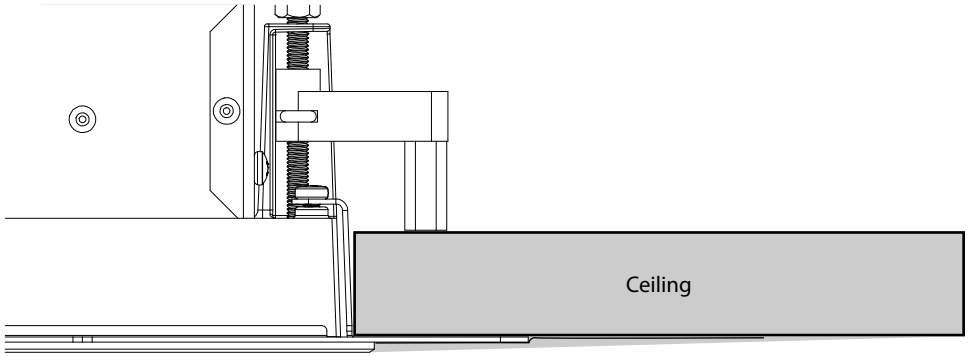
3.2 Tighten corner screws with screwdriver (do NOT use power tool, do not over tighten) to retract wing clamps until they are secure. See table for when to remove wing clamp standoff.

Trimless Install

4



4.1 Follow steps 2 through 3 from previous page to turn wing claps and secure to drywall.
4.2 Ensure fixture aperture mud plug is in place and tape perimeter.
4.3 First coating of fast curing compound, sand when dry. Then finish pass with drywall compound, sand when dry.
4.4 Remove mud plug and Paint.



Note: Use of mudding tape suggested when plastering the fixture.

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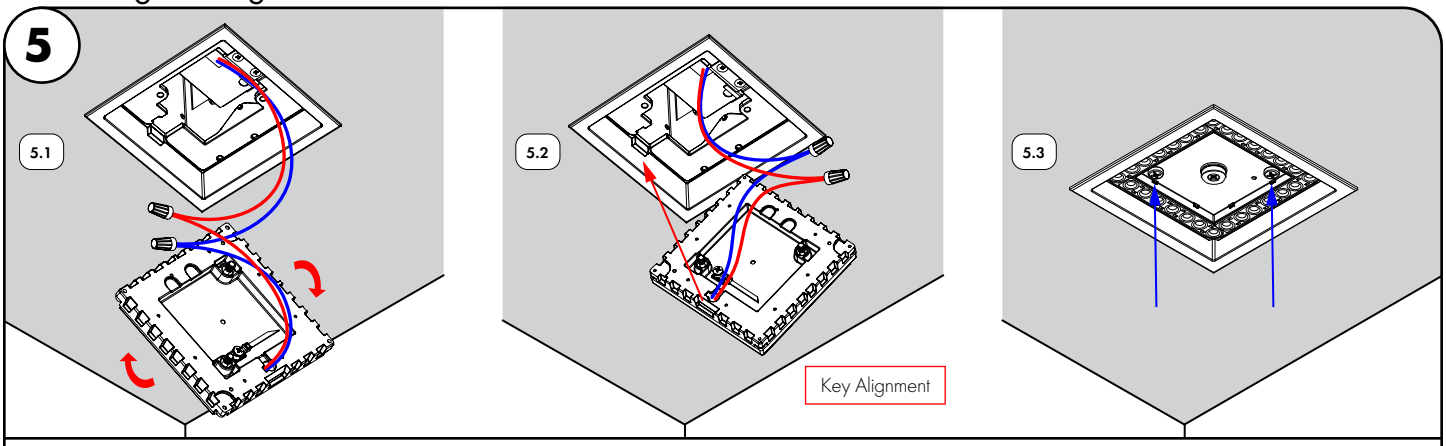
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Low voltage wiring and LED module install

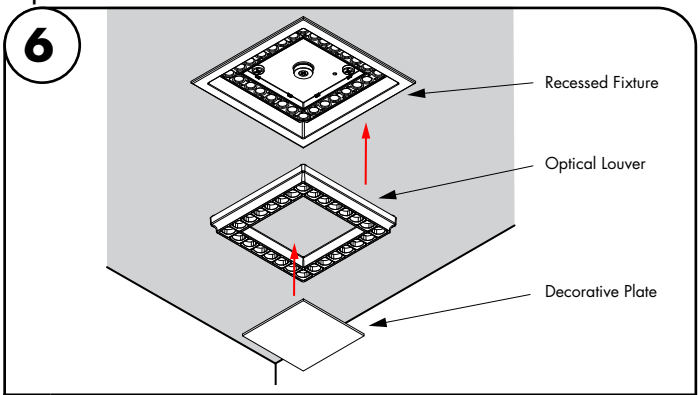


5.1 Wire output of LED driver or Remote wires to LED module, red to red and blue to blue/black.

5.2 Tuck wires into driver cavity, align key feature (red arrow).

5.3 Use captive screws (blue arrows) to secure LED module to ceiling housing, and make sure no wires are pinched by LED module install.

Optical Louver and Decorative Plate Install



6.1 Install optical louver into ceiling housing, optical louver connects with magnets in the four corners.

6.2 Install the decorative plate to the magnet in the center of the LED module.

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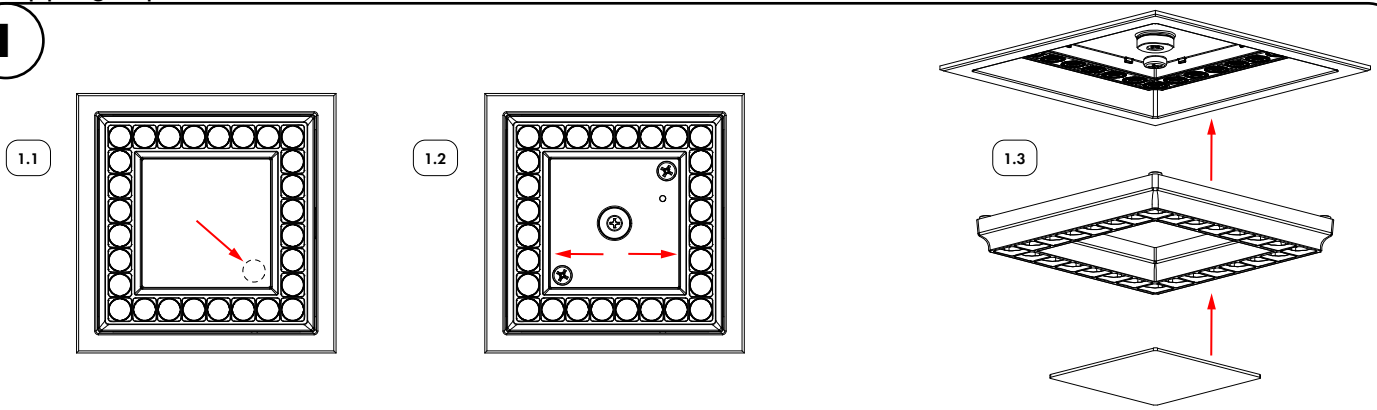
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Swapping Optical Louvers

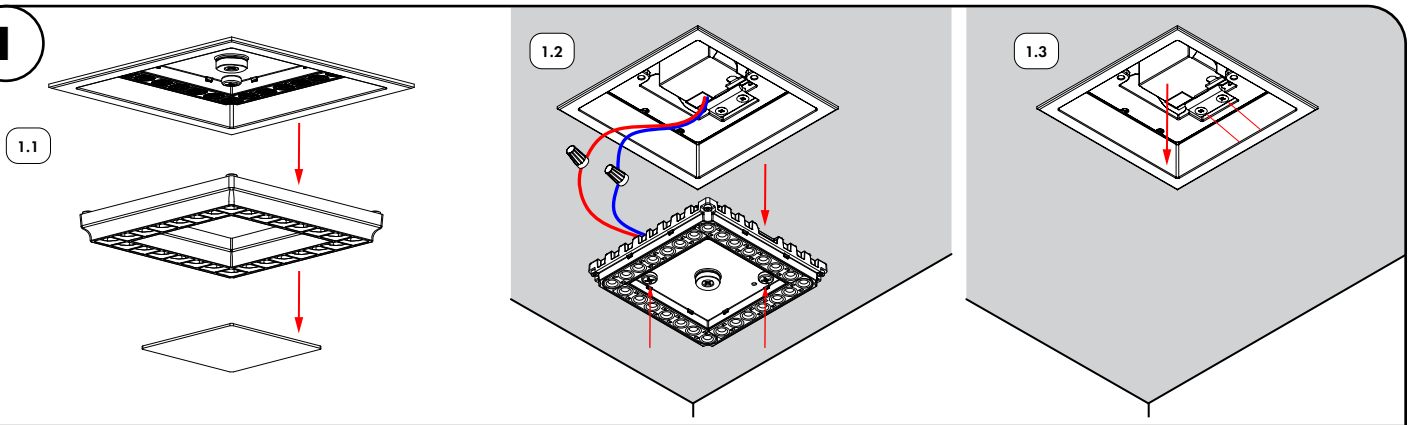
1



1.1 Press down on one corner of the decorative plate, pry it out by the opposite corner.
1.2 Use fingers to grip the inner edges of the optical louver, pull free of magnets.
1.3 Replace new optical louver, replace decorative plate.

Driver Service

1



1.1 Follow steps above to remove decorative plate and optical louver.
1.2 Remove LED module by loosening the captive screws in the corners. Disconnect wires from the LED module to the driver.
1.3 Unscrew the driver mounting plate screws, remove driver/driver mounting plate. Disconnect driver from branch circuit.
1.4 Replace driver on driver mounting plate, reverse steps to install.

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