

Stenos Square Downlight Installation Instructions

Stenos Square Adjustable Recessed Downlights

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

1. PRODUCT TO BE INSTALLED BY A QUALIFIED ELECTRICIAN
2. SUITABLE FOR DAMP LOCATION
3. TYPE IC, INHERENTLY PROTECTED
4. AIRTIGHT PER ASTM E283 WHEN CONFIGURED WITH "CP" OPTION
5. FOR REMOTE DRIVER FIXTURES, USE ONLY WITH CLASS 2 POWER UNIT



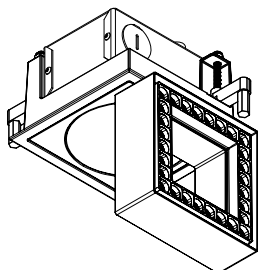
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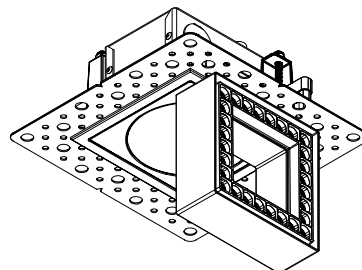
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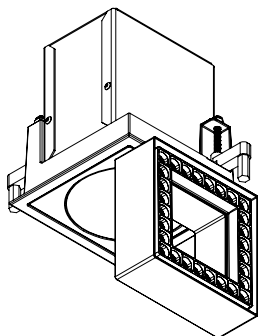
4x4 Trimmed
Remote



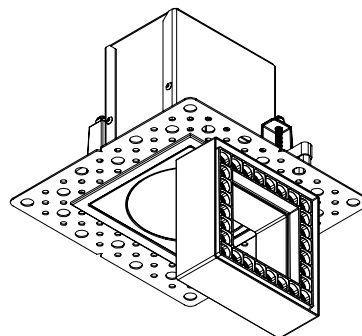
4x4 Trimless
Remote



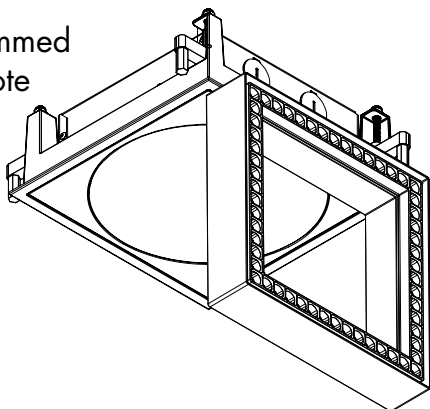
4x4 Trimmed
Integral



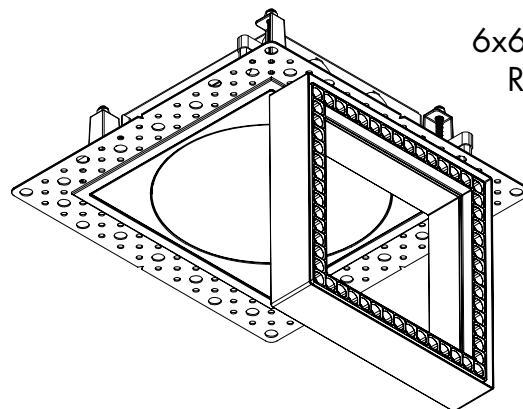
4x4 Trimless
Integral



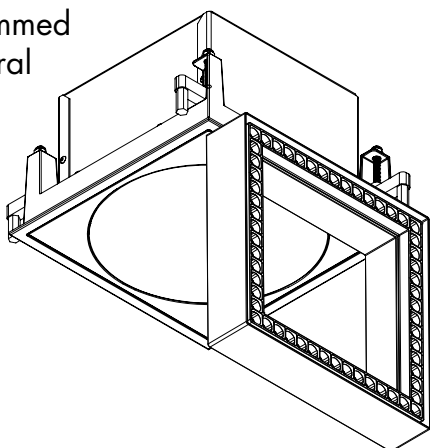
6x6 Trimmed
Remote



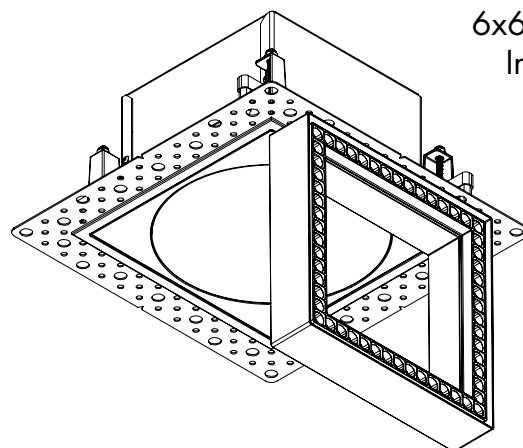
6x6 Trimless
Remote



6x6 Trimmed
Integral



6x6 Trimless
Integral



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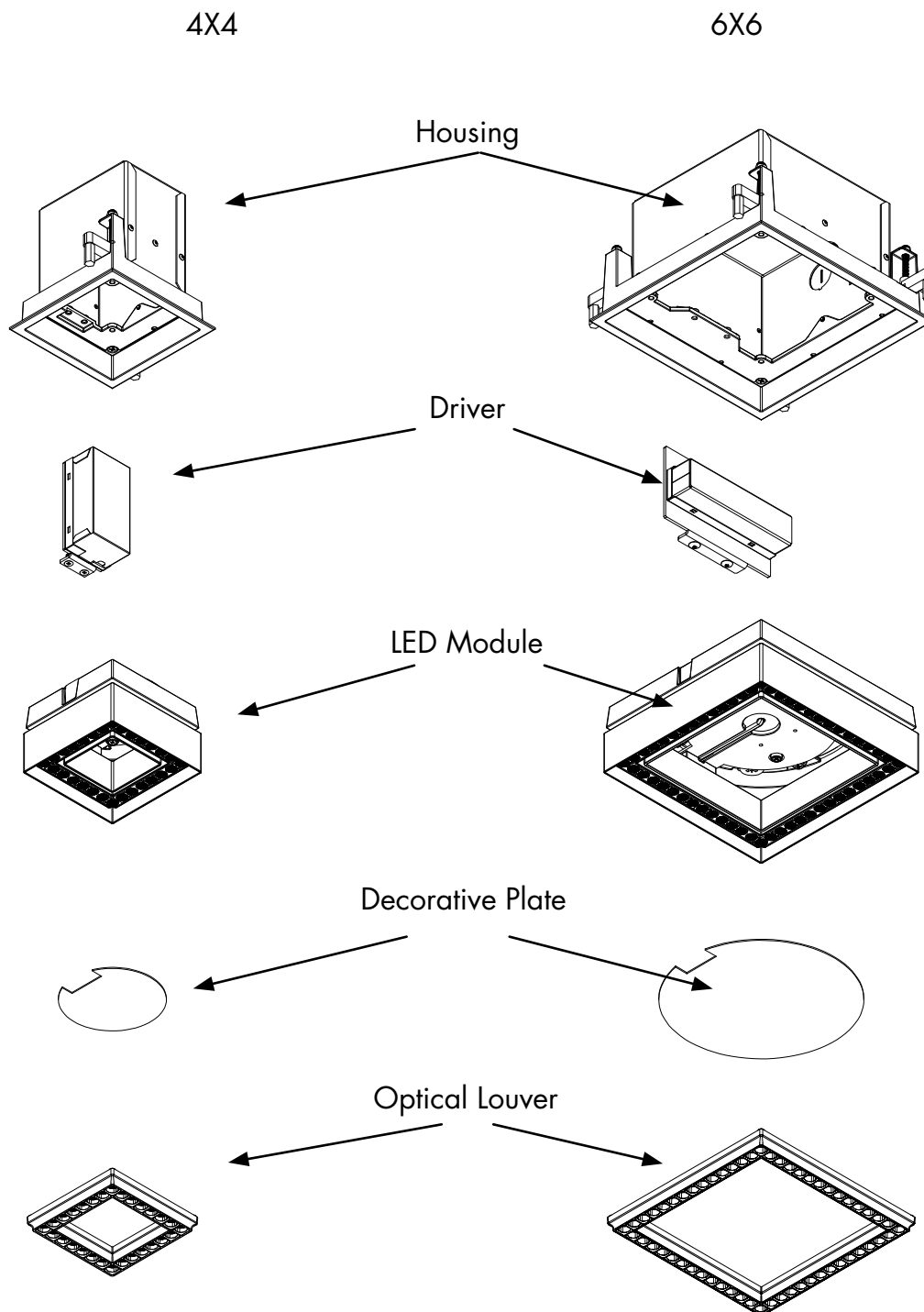


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Note: The following install steps will display the 4" version, but 6" version share the same steps.

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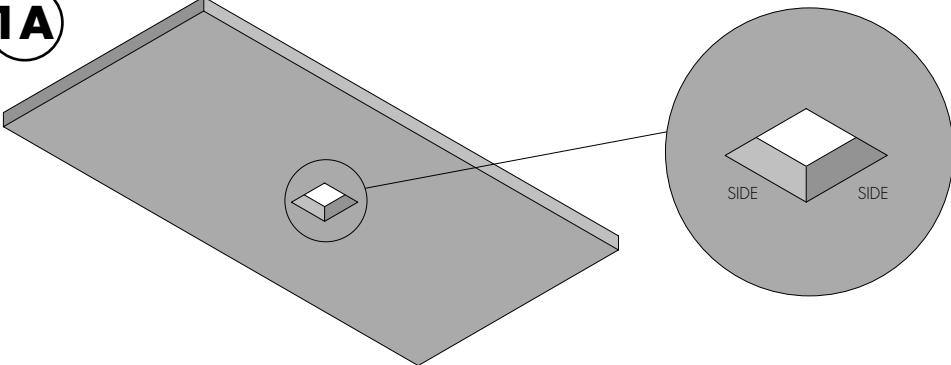
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Mounting Method 1A: Retrofit Install

1A

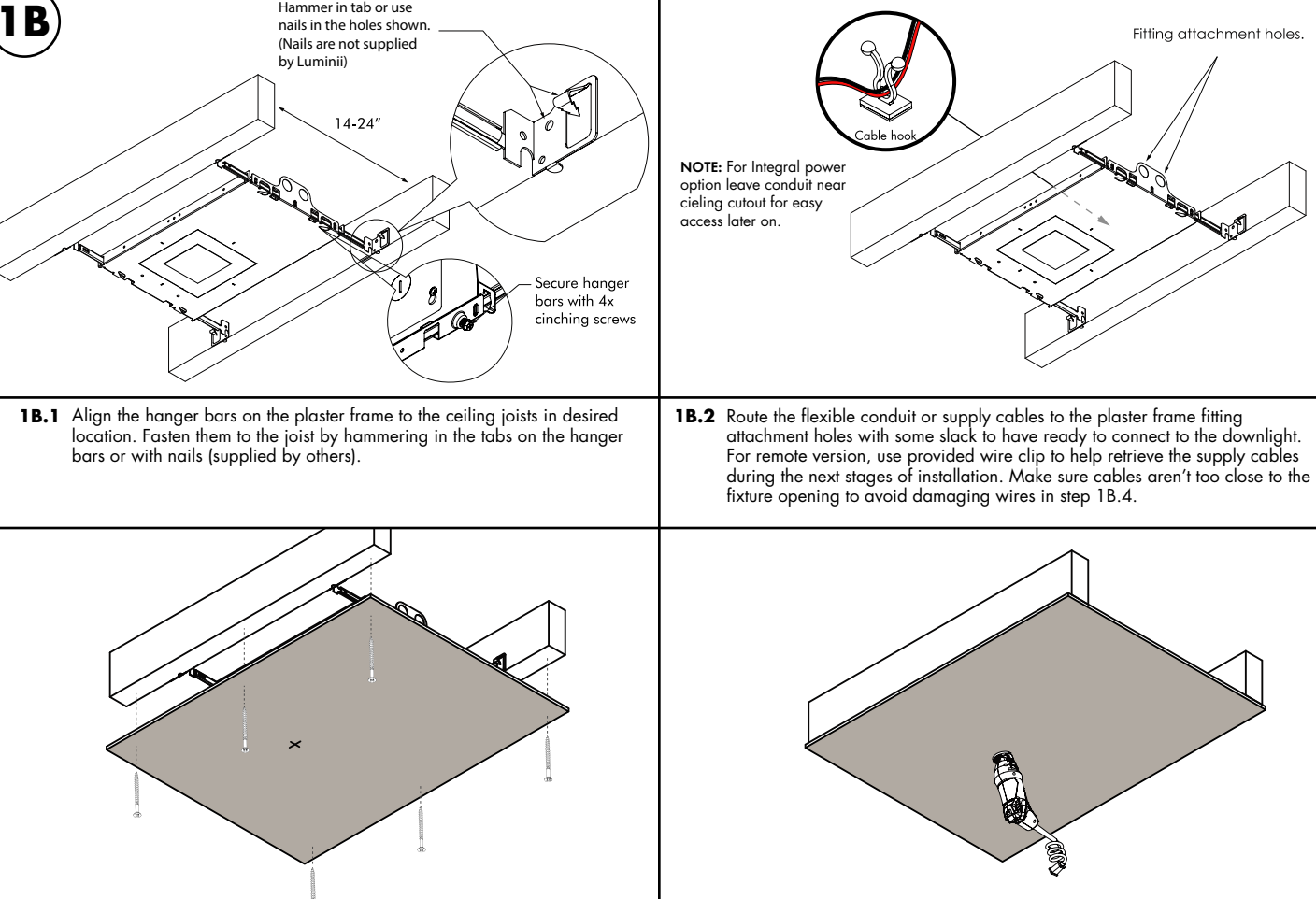


	4"	6"
TRIMMED SIDE LENGTHS	3 - 3/4"	6 - 1/2"
TRIMLESS SIDE LENGTHS	3 - 7/8"	6 - 5/8"

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).

1B.2 Route the flexible conduit or supply cables to the plaster frame fitting attachment holes. 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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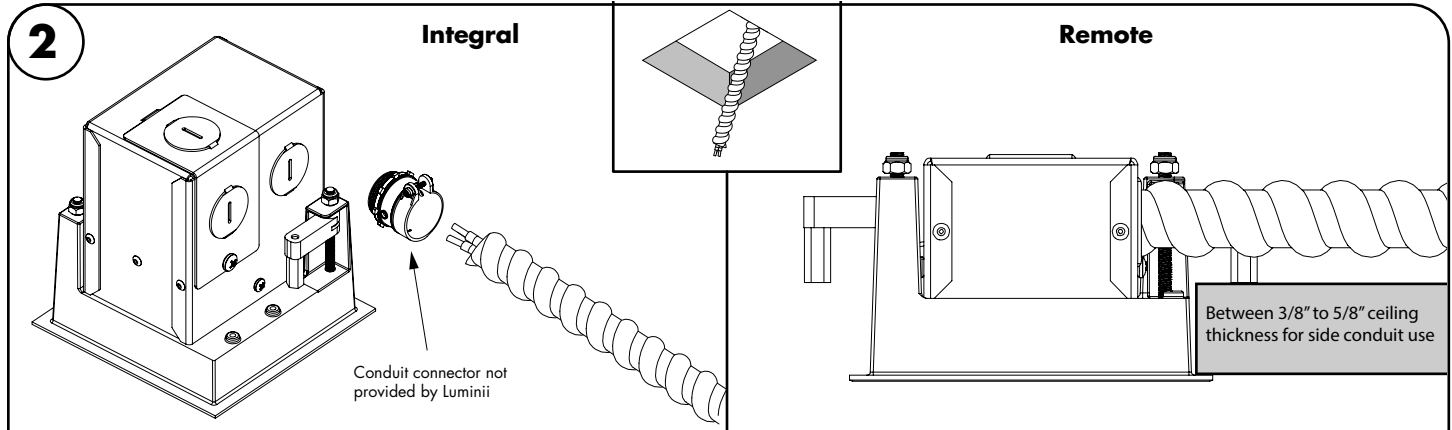
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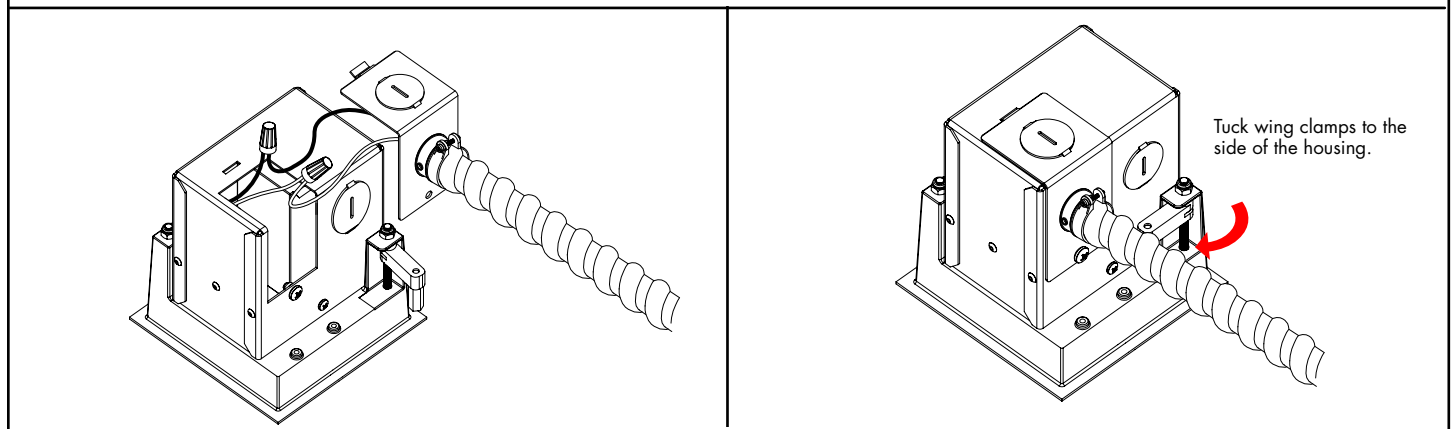
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Fixture Housing Install

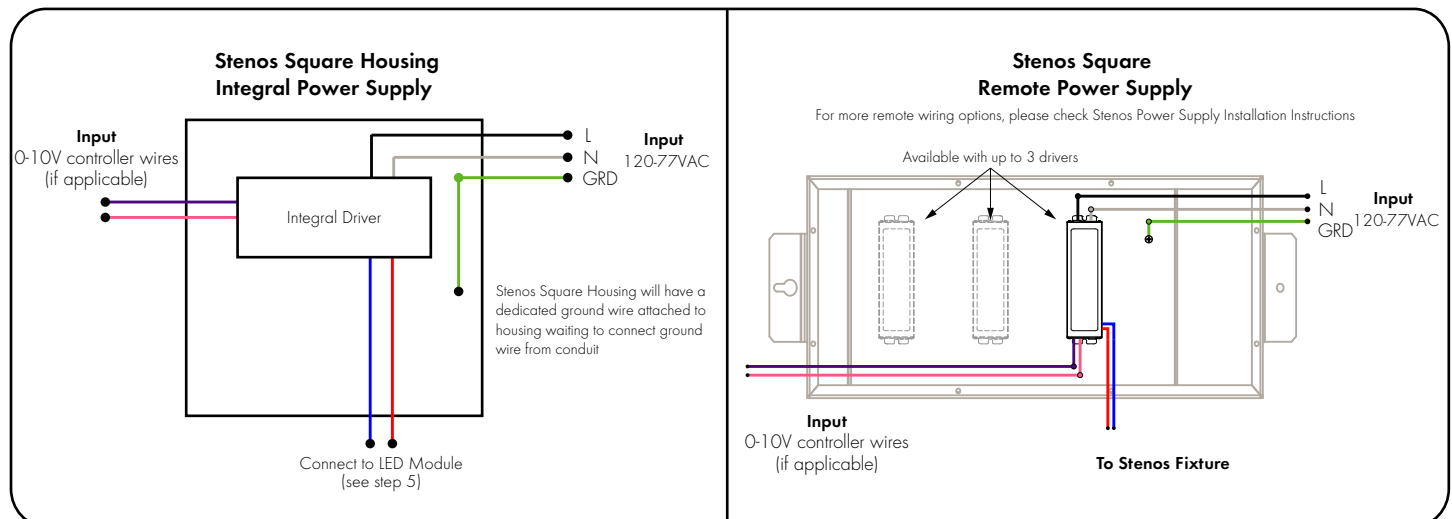


2.1 Pull flexible conduit/cable through opening in ceiling. Connect flexible conduit to desired knockout.



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



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Housing Ceiling Install

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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

4.2 Ensure fixture aperture mud plug is in place and tape perimeter.

4.3

4.3 First coating of fast curing compound, sand when dry. Then finish pass with drywall compound, sand when dry.

4.4

4.4 Remove mud plug and Paint.

4.5 Use of mudding tape suggested when plastering the fixture.

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

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Low Voltage Wiring and LED Module Install

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5.1 Wire output of LED driver or Remote wires to LED module, red to red and blue to blue/black. Open LED module hinge to 90° (red arrow). Rotate LED module to line up key feature (yellow arrow).

5.2 Secure LED module to housing adapter using captured screws (blue arrows). There are two (2) for the 4x4, and four (4) for the 6x6, ensure no wires are pinched by LED module install.

5.3 Install decorative plate to magnets

5.4 Install optical Louver into housing, optical louver connects with four magnets in the corners.

Swapping Optical Louvers

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1.1 Pinch edge of optical louver with pliers, pull free from housing, taking care not to scratch or otherwise damage optical louver.

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Driver Service

1

1.1

1.2

1.1 To remove decorative plate, press down on edge (yellow arrow) and then pry out by opposite edge. Reverse Step 5 to remove LED module and disconnect from driver.

1.2 Unscrew driver mounting plate screws (red arrows), remove the driver/driver mounting plate (blue arrow). Disconnect from branch circuit.

1.3 Replace drive on driver mounting plate, reverse steps to install.