

Recessed System for Lutron Drapery

Installation Guide—Please Read Before Installing

Prepare to Install/Overview

CAUTION: RISK OF FALLING OBJECTS. Securely install the shade system per the mounting instructions. Failure to do so could result in minor or moderate injury

Important Notes

Please Read Before Installing

- A. Lutron systems** are intended for use with only Lutron hardware and power supplies.
- B. Codes:** Install in accordance with all local/national electrical and building codes.
- C. Environment:** Ambient operating temperature: 32 °F - 104 °F (0 °C - 40 °C), 0 - 90% humidity, non-condensing. Indoor use only.
- D.** Plan the installation to maintain sufficient clearance between the moving drapery and any object, including window hardware, cranks, lock levers, and stationary drapery.

Overview

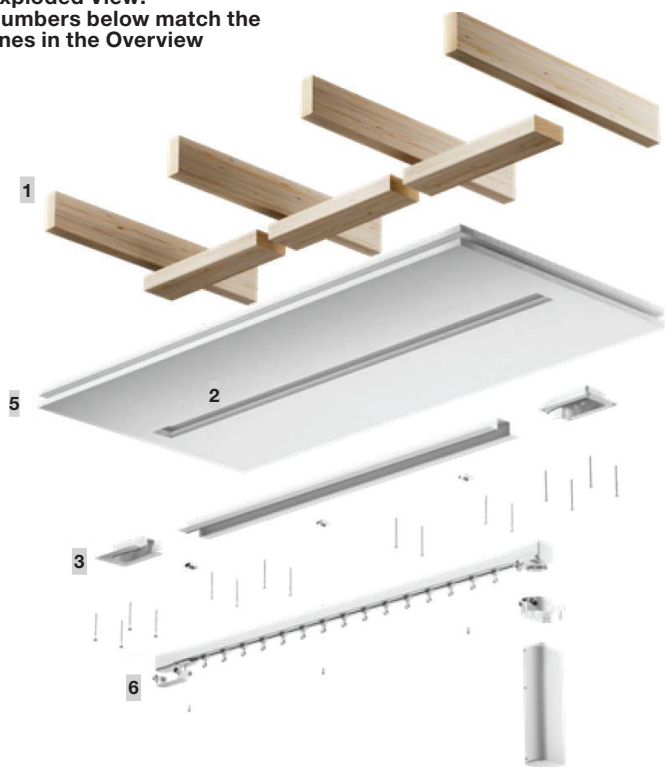
Please Read Before Installing

* Numbers below match the ones in the Exploded View

- 1. Prepare the Ceiling:** Ensure there is blocking to secure the pocket to the ceiling.
- 2. Prepare Double or Single Layer Drywall:** Create a recess of 1.25 in (32 mm) deep so the flanges are pressed tightly to the drywall.
- 3. Install the Pocket:** Secure the pocket to the blocking through the drywall.
- 4. Measure the Pocket Width and Order the Track**
- 5. Mud and Paint the Ceiling**
- 6. Install the Track:** Secure the track to the recessed pocket with the provided screws from Lutron.

* Lutron is not responsible for damage to property as a result of improper installation. Inspect the Recessed Pocket and endcaps before installation.

Exploded View:
Numbers below match the ones in the Overview

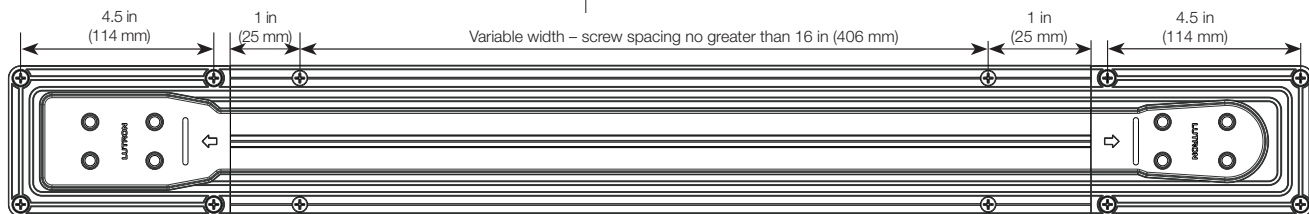
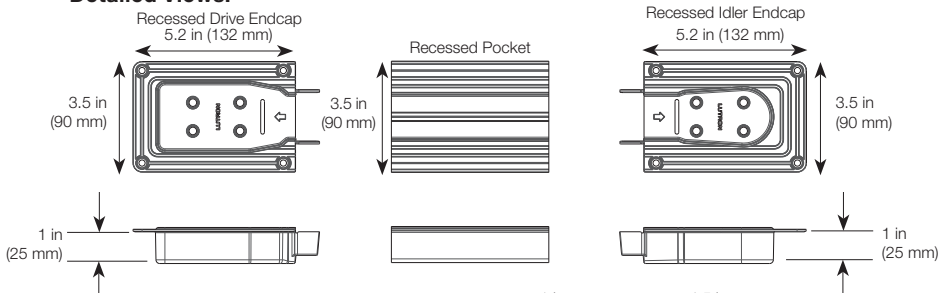


1 Preparing the Ceiling

1.1 Modify ceiling

- A.** Add blocking to support the weight of the drapery system depending on the ceiling architecture (wood, metal, or concrete). The power wire will need to be routed on the drive end of the drapery. See section 3.1.
- B.** The recessed pocket will need to be secured 1 in (25 mm) from the ends, and no further than every 16 in (406 mm) along the width of the track. Both drive and idler endcaps should be secured to blocking as well.

Detailed Views:



2 Choose Double or Single Layer Drywall

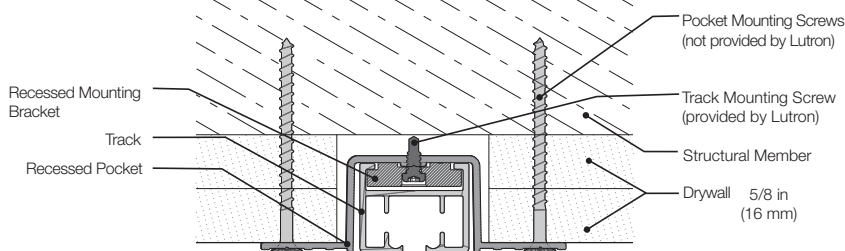
2.1 Double Layer Drywall

- A.** Two layers of 5/8 in (16 mm) thick drywall will create a 1.25 in (32 mm) deep cavity.

NOTE: It is the installer's responsibility to ensure all modification is in compliance with local building codes and structural requirements.

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View of Recessed Mounting Bracket:



Recessed System for Lutron Drapery

2 Choose Double or Single Layer Drywall (continued)

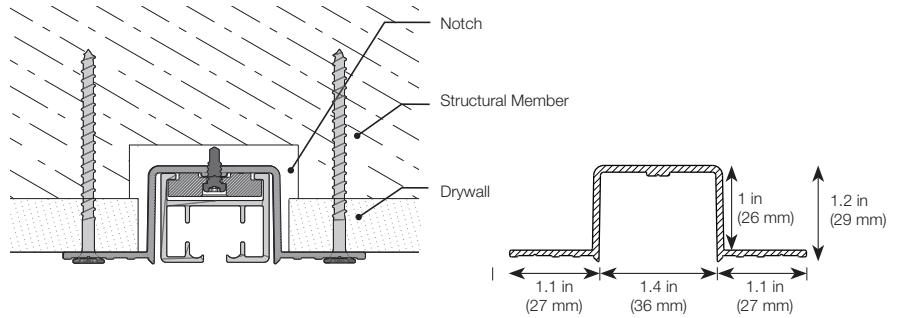
2.2 Single Layer Drywall

- A. If the ceiling joist can be notched by 5/8 in (16 mm), a single layer of drywall may be used.

NOTE: It is the installer's responsibility to ensure all modification is in compliance with local building codes and structural requirements.

IMPORTANT: Follow all applicable building codes when modifying the ceiling joist.

Alternate View of Recessed Mounting Bracket:

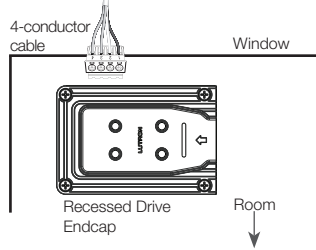


3 Install the Pocket and Recessed Endcaps

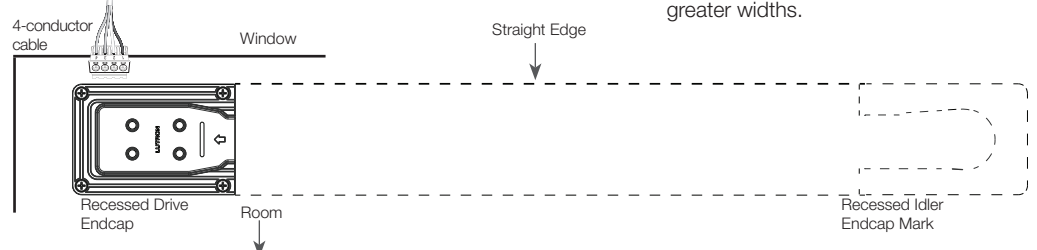
NOTE: The intended installation process is to install the recessed pocket, and then order your track. If you already ordered the track, you may dry fit the pocket to the track before installation. If you ordered the track, but don't yet have it to dryfit the pocket, install the pocket such that the slot to slot measurement is 6 in (152 mm) less than the ordered track width. The cut length of the metal recessed pocket will be 8 in (203 mm) less than the ordered track width.

3.1 Mark the Location of the Drapery

- A. Place the Recessed Drive Endcap by the 4-conductor cable where the drapery should terminate.



- B. Using a laser or straight edge, mark the location of the Recessed Idler Endcap. The pocket must be built to within +/- 1/16 in (2 mm) of straight to receive the track.



NOTE: If the drapery system is more than 8 ft (2.4 m), multiple recessed pockets should be butted together to create greater widths.

3.2 Assemble the Pocket

NOTE: Pocket assembly can be done at the same time as drywall installation.

To decouple the pocket assembly from drywall installation, either:

1. Leave a space for the drywall boards to slide over the flanges (flanges will be screwed tightly to the drywall). Spacer thickness should equal final drywall thickness. See **Figure 1**.
2. Install about an 8 in (203 mm) wide perimeter of drywall with the pocket that the drywall boards can join. See **Figure 2**.

Figure 1

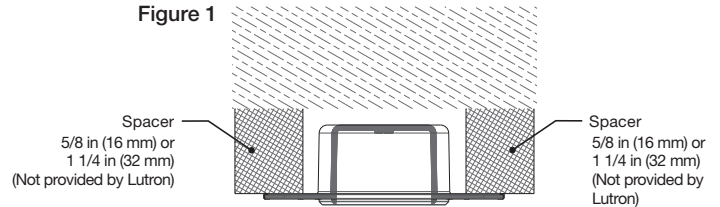
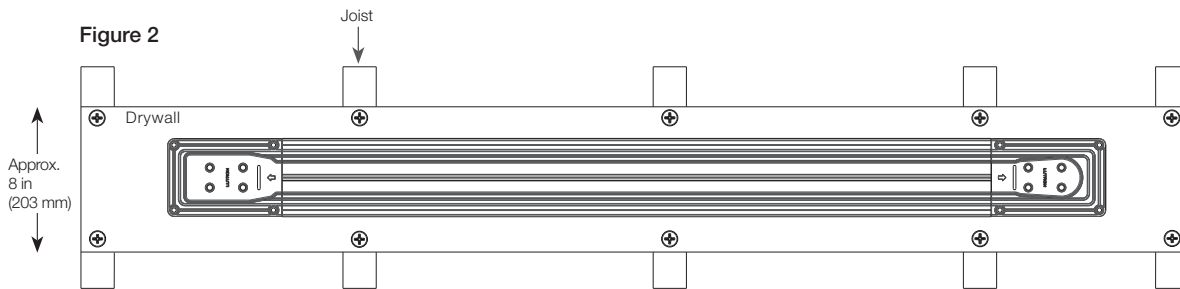
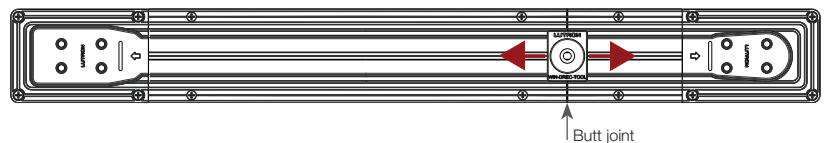
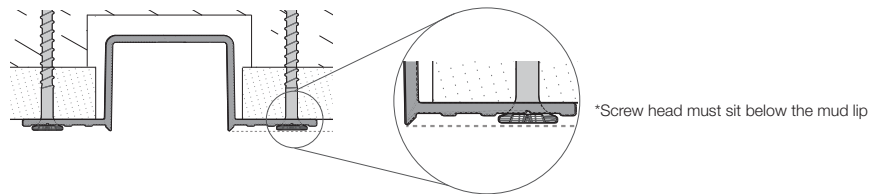


Figure 2



- A. Screw the recessed drive endcap to the blocking.
- B. Cut the 8 ft (2.4 m) pieces of recessed pocket to length and screw them through the flanges into the structural blocking that will support the weight of the drapery system. The screw holes may need to be countersunk to ensure the screw head sits below the mud lip. The pieces should all be tightly butted together and aligned such that the Lutron Installation Tool can slide smoothly across the intersections.
- C. Screw the idler endcap to the blocking to complete the recessed pocket. The idler endcap should be tight against the recessed pocket.



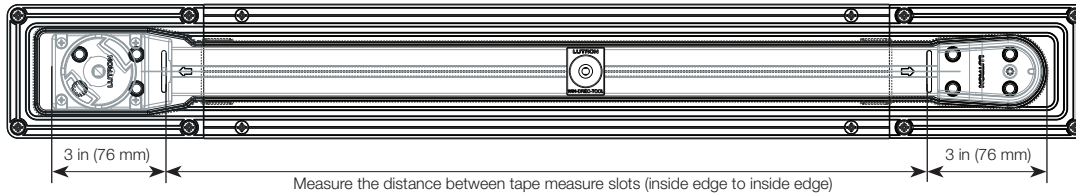
NOTE: Recessed pocket pieces should be butted together tightly. Slide the Lutron Installation Tool across the butt joint to align the pieces.

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4 Measure the Pocket Width and Order the Track

4.1 Measure the Pocket Width and Order the Track

- Measure the slot to slot distance (inside edge to inside edge).
- Order track width equal to the measured slot-to-slot distance + 6 in (152 mm).



5 Mud and Paint the Ceiling

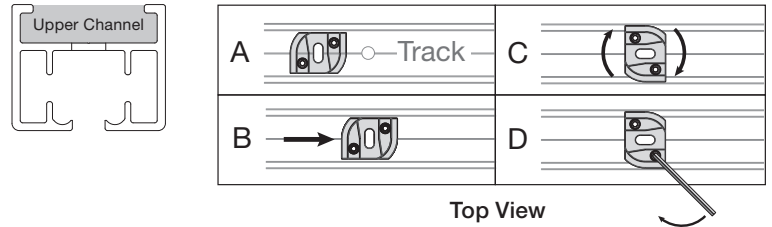
5.1 Mud and Paint the Ceiling

- Apply a protective layer of painter's tape inside the pocket to keep the inside of the recessed pocket clean.
- Mud-in and paint the ceiling.

6 Install the Track

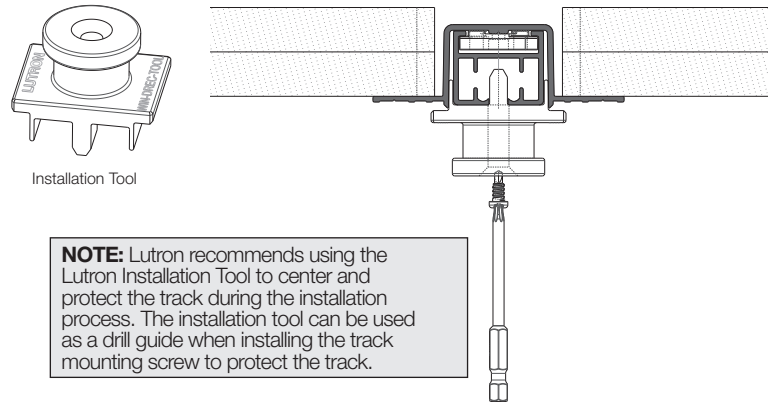
6.1 Prepare the Track

- Insert a recess-mount bracket into the track's upper channel.
- Align the bracket's center slot with a mounting hole in the drapery track. Temporarily insert a mounting screw through both holes to maintain their alignment.
- Rotate the recess-mount bracket 90°.
- Secure the recess-mount bracket using the 3/32 in (2 mm) Allen key provided to tighten both set screws. Remove the mounting screw.
- Repeat steps A through D to install a recess-mount bracket at each mounting hole location along the entire length of the drapery track.



6.2 Mount the Track

- Position the idler side of the track to be centered in the recessed endcap. There should be a 1/16 in (2 mm) gap around the idler.
- Additional clearance is present on the drive side to ensure the track will fit in the pocket, and the belt can be tensioned if necessary.
- Mount the track to the recessed pocket using the provided track mounting screws from Lutron. The self drilling tip on the track mounting screw should line up with the center groove in the pocket. Use a low torque setting on the drill during installation to avoid stripping the screw. If a screw does strip, drill a new hole next to the existing hole in the track and drive the track mounting screw through the new hole.
- Remove any metal shavings from the installation process from the inside of the track. Metal shavings can be removed by either blowing them out with compressed air, brushing them out with a flexible pipe cleaner brush, or by pre-drilling a 1/8 in (3 mm) pilot hole for the track mounting screw.



3/8 in (10 mm) clearance allows space for belt tensioning on drive side

1/16 in (2 mm) gap around track and idler

