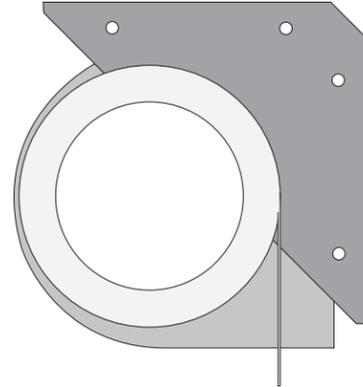


Lutron® roller 225 jamb/recess mount roller shade chassis

English

Installation Guide (please read before installing)



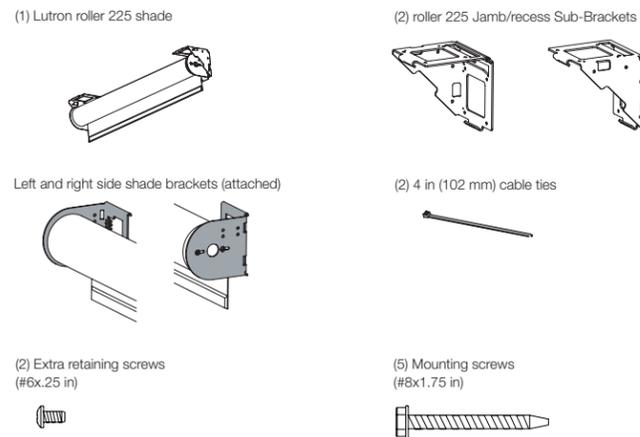
The roller 225 Jamb/Recess Mount Chassis Installation Guide is a complement to the enclosed Basic Wiring and Setup Guide. The Chassis Installation Guide describes the mechanical installation. The Basic Wiring and Setup Guide describes the wiring and setup for proper function of the roller shade. The Roller 225 shade contains a spring inside the tube. The spring is in the relaxed state as shipped. The spring winds up as the shade is lowered towards the close limit. Do not uninstall the shade unless it is at the Open Limit.

CAUTION: Risk of minor or moderate injury from rotating components. Do not uninstall the shade without the shade being completely rolled up and at its Open Limit.

Tools required:

Tape Measure 1/4 in Hex-Head Driver #2 Phillips Screwdriver
Level Power Drill

Included items required for chassis installation:



CAUTION: Risk of falling objects. Securely install the roller shade system per the mounting instructions. Failure to do so could result in minor or moderate injury.

Notes:

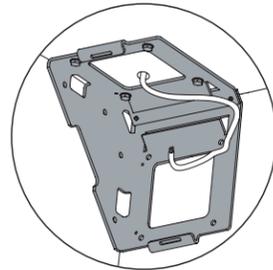
- Lutron systems are intended for use with only Lutron hardware, controls, and power supplies.
- Codes:** Install in accordance with all local and national electrical codes.
- Environment:** Ambient operating temperature: 32 °F - 104 °F (0 °C - 40 °C), 0 - 90% humidity, non-condensing. Indoor use only.
- Maintain sufficient clearance between the moving shade and any object.



1 Pre-drill for cable run

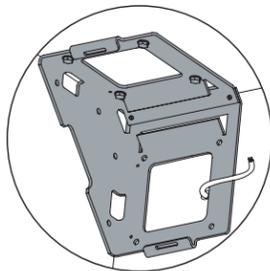
1.1 Determine where to drill for cable access. See options below. Cable should exit from wall, ceiling or jamb on EDU side of roller shade.

Note: Leave 12 to 18 in (305 to 457 mm) of cable exposed.



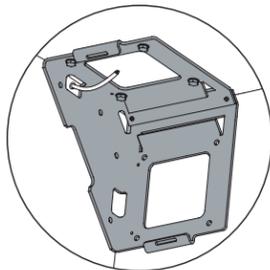
Ceiling

Drill for cable 2.5 to 4.5 in (64 to 114 mm) from back of the system and 1.5 to 3.75 in (38 to 95 mm) from end of the system.



Wall

Drill for cable 2.5 to 4.5 in (64 to 114 mm) from top of the system and 1.5 to 3.75 in (38 to 95 mm) from end of the system.



Jamb

Drill for cable 0.5 in (12 mm) from top of the system and 3.5 in (89 mm) from back of the system.

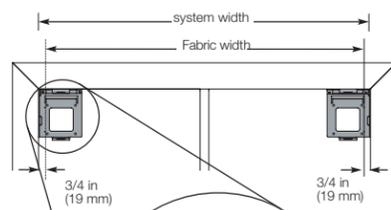
2 Mount sub-brackets

2.1 Use alignment holes to position the sub-bracket right to left. The alignment holes will line up with the outside edge of the shade tube.

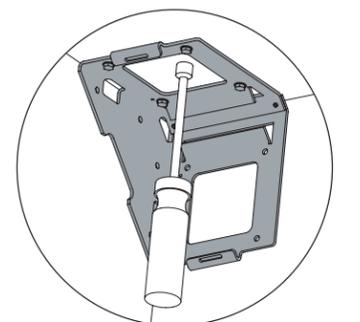
2.2 Mount sub-brackets using appropriate fasteners.

CAUTION: Risk of minor or moderate injury from falling heavy object. The sub-brackets for each shade tube must be mounted to support a weight of at least 300 lbs (136 kg).

Note: If sub-bracket cannot be mounted to jamb as shown, the sub-bracket can be mounted to ceiling or wall.



Align With Edge Of Tube



3 Mount shade to sub brackets

NOTICE: Shades wider than 4 ft (1.2 m) require two people to install.

3.1 Remove retaining screws from shade brackets.

Note: Leave protective wrapping on shade during installation.

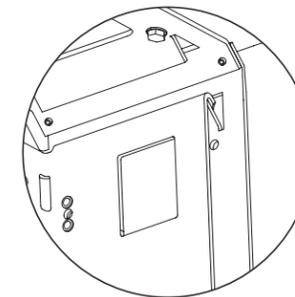
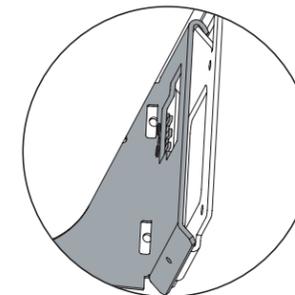
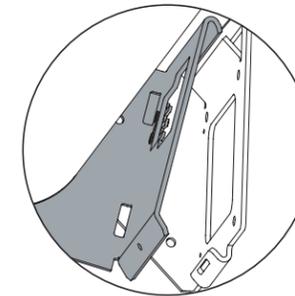
3.2 Hook lip on shade bracket over upper flange on sub-bracket.

3.3 Swing shade down until bottom of shade brackets rest against sub-brackets.

Note: When attaching idler end bracket, do not rotate idler bracket more than 1/2 turn. Doing so will prewind the spring and may prevent the shade from moving smoothly.

Note: Ensure cable is kept outside the shade bracket.

3.4 Make certain cable wires from wall, ceiling or jamb are between the shade bracket and sub-bracket.



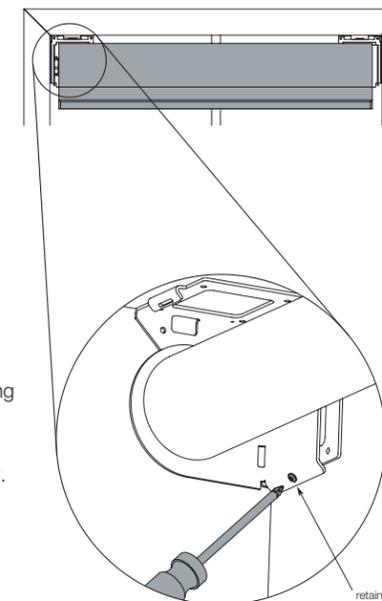
4 Center and secure shade

4.1 Move the shade left or right until centered.

4.2 Insert and fully tighten retaining screws on BOTH shade brackets to secure the shade into position.

Note: Both retaining screws must be used.

CAUTION: Risk of minor or moderate injury from falling heavy object. Ensure the shade bracket is securely attached to the sub-bracket.



5 Leveling the shade

5.1 Turn leveling screw to raise or lower idler side of shade until level. (Figure 1)

5.2 Adjust shade projection from window so that it clears any window trim or hardware when operating. (Figure 2)

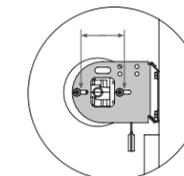
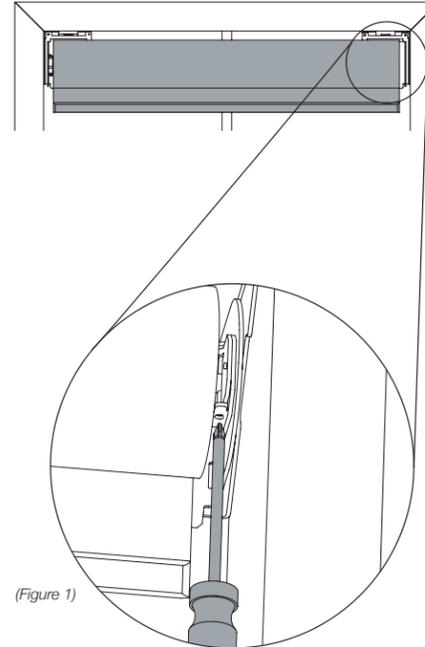


Figure 2



6 Wiring and basic setup

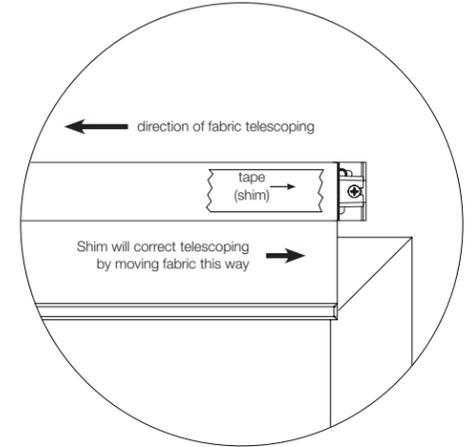
6.1 Refer to the Basic Wiring and Setup Guide included with the roller shade system for wiring instructions and setup including setting open and close limits.

7 Check shade for telescoping

7.1 Use the programming stylus to run the shade up and down using the adjustment buttons (▲▼), re-level if needed.

Note: Monitor fabric as it rolls up on the tube to ensure that it does not telescope excessively to one side or the other.

Slight telescoping is normal. However, if the shade is telescoping severely to one side and it is level, press the "Close Limit Button" (■), and lower the shade all the way down using the adjustment buttons (▲▼). Place a piece of tape on the side of the tube that the fabric is telescoping away from. When finished, return the shade to its original position then press the "Close Limit Button" (■) once. This technique is referred to as "SHIMMING". The shade will always track towards the side with the tape (shim).



Symptom	Solution
Fabric is not level.	Verify the brackets are mounted level
Fabric is not centered over window.	Verify the brackets are centered
Shade does not move smoothly.	Verify the shade fabric is not obstructed by the side channels or any other object
Shade will not move to open or full close	Verify that open and close limits are set correctly Verify that shade fabric is not obstructed or caught on something

Limited Warranty

SCOPE

This limited warranty ("Warranty") covers the Lutron supplied (a) Sivoia® QS Shade System ("Sivoia® QS Shade System"), (b) Sivoia QEDTM Shade System ("Sivoia QEDTM Shade System"), (c) manual shade system and (d) alternating current or a/c shade system (each of the foregoing being a "System"). Customer acknowledges and agrees that use of the System constitutes acceptance of all terms and conditions of this Warranty.

LIMITED WARRANTY

Subject to the exclusions and restrictions described below, Lutron warrants that each System will be free from manufacturing defects from the date of shipment by Lutron for a period of (a) one year as to the wall controls, interfaces and system accessories of the Sivoia QS Shade System ("External Sivoia QS Components") and (b) eight years as to the other Systems and the Roller Shade EDU, shade fabric and shade hardware of the Sivoia QS Shade System. If any manufacturing defect exists in the External Sivoia QS Components, so long as Customer promptly notifies Lutron of the defect within the one year warranty period and, if requested by Lutron, returns the defective part(s), Lutron will, at its option, either repair the defective part(s) or provide comparable replacement part(s). If any manufacturing defect exists in any of the components of a System other than the External Sivoia QS Components, so long as Customer promptly notifies Lutron of the defect within the eight year warranty period and, if requested by Lutron, returns the defective part(s), Lutron will, at its option, either repair the defective part(s) or issue a credit to the Customer against the purchase price of comparable replacement part(s) purchased from Lutron as provided below: Replacement parts for the System provided by Lutron or, at its sole discretion, an approved vendor may be new, used, repaired, reconditioned, and/or made by a different manufacturer.

Number of years from date of shipment	Percentage of cost of replacement parts credited by Lutron
Up to 2	100%
More than 2 but not more than 5	50%
More than 5 but not more than 8	25%
More than 8	0%

EXCLUSIONS AND RESTRICTIONS

This Warranty will be void, and Lutron and its suppliers will have no responsibility under this Warranty, if Lutron or its representatives cannot access any components of the System to inspect, diagnose problems with or repair the System or any of its components as a result of concealment or inaccessibility of such components within a building structure. This Warranty does not cover, and Lutron and its suppliers are not responsible for:

1. Damage, malfunction or inoperability diagnosed by Lutron or a Lutron approved third party as caused by normal wear and tear, abuse, misuse, incorrect installation, neglect, accident, interference or environmental factors, such as (a) use of incorrect line voltages fuses or circuit breakers; (b) failure to install, maintain and operate the System pursuant to the operating instructions provided by Lutron and the applicable provisions of the National Electrical Code and of the Safety Standards of Underwriter's Laboratories; (c) use of incompatible devices or accessories; (d) improper or insufficient ventilation; (e) unauthorized repairs or adjustments or alterations; (f) vandalism; (g) an act of God, such as fire, lightning, flooding, tornado, earthquake, hurricane or other problems beyond Lutron's control; or (h) direct exposure to corrosive materials.
2. On-site labor costs to diagnose issues with, and remove, repair, replace, adjust, reinstall and/or reprogram the System or any of its components.
3. Components and equipment external to the System, such as, non-Lutron lighting and automation systems; building wiring audiovisual equipment; and non-Lutron time clocks, photosensors and motion detectors.
4. The cost of repairing or replacing other property that is damaged when any System does not work properly, even if the damage was caused by the System.

THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. ALL IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO EIGHT YEARS FROM THE DATE OF SHIPMENT, EXCEPT THAT SUCH IMPLIED WARRANTIES ARE LIMITED TO ONE YEAR FROM THE DATE OF SHIPMENT AS TO THE EXTERNAL SIVOIA QS COMPONENTS. NO LUTRON AGENT, EMPLOYEE OR REPRESENTATIVE HAS ANY AUTHORITY TO BIND LUTRON TO ANY AFFIRMATION, REPRESENTATION OR WARRANTY CONCERNING THE SYSTEMS. UNLESS AN

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