



 **LUTRON**® **Serena & Triathlon Shades**

SHADEHAUS
textiles meet technology

Battery Powered Shades by Lutron

Simple. Affordable. Convenient.

Ultra Quiet Serena battery powered shades install wirelessly and can be operated from anywhere in the room using a remote control. These Luxury Shades – starting at just £300.00 – were designed with your lifestyle in mind.

- ▶ **Two design styles** - Available in roller or insulating honeycomb styles
- ▶ **Easy to install** - Shades install and operate without wires
- ▶ **Low maintenance** - Batteries last 3 -5 years and can be replaced without taking shade down
- ▶ **Fashionable aesthetics** - Choose from a wide variety of fabric colours and textures
- ▶ **Cordless design** - A safe solution for homes with children or pets

Roller Shade



Insulating Honeycomb Shade



Serena Roller Shades

Simple. Affordable. Convenient.



Key Facts

- ▶ Up to 5 year battery life
- ▶ Ultra quiet operation (38 dBA)
- ▶ Built in wireless communication
- ▶ Fashionable aesthetics
- ▶ Maximum dimensions 2438mm x 3048mm



Simple stylish control

Serena shades can be controlled via sleek handheld remotes or wall mounted wireless switches

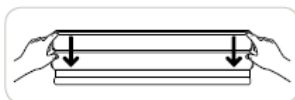


Battery operation

Triathlon shades run on 4-6 CR20 1.5V batteries, lasting an impressive 3-5 years.

Easy maintenance

- Innovative headrail simply tips forward to reveal the battery tray — without taking the shade down



Tip down the headrail.



Change the batteries and tip headrail back into place.

Serena Roller Shades

Fabric

Choose from three light-filtering options, for just the right amount of sunlight in your space.



Fabric collections

Serena® roller shades are available in over 75 fabrics, including cool hues and bold colors that pop.

Palette (blackout and translucent) a wide array of colors ranging from nature-inspired hues to vibrant bolds (blackout fabrics are the same color on both sides)

Sheerlite 3 and Sheerlite 5 (sheer) solar screen fabrics with two-toned color weaves

Hue (blackout) a timeless color palette with classic neutrals and standard bolds (fabric is dual-sided with a white backing)

Monomer (sheer) delicate linens in warm neutrals

Bistre (sheer) textured linens in simple, classic tones

Format (sheer) smooth fabrics in colors that range from sophisticated whites to deep neutrals

Tint (translucent) soft neutrals and muted bolds with a textured sheen

Ream (translucent) a warm selection of bolds with a subtle shimmer

Loom (translucent) woven, natural fibers in warm earth tones



Sheer

- Open weaves preserve views to outside and filter sunlight
- Ideal for rooms where you don't need complete privacy



Translucent

- Tighter weaves transform harsh daylight into a soft, filtered glow
- Provides increased privacy for spaces like bathrooms



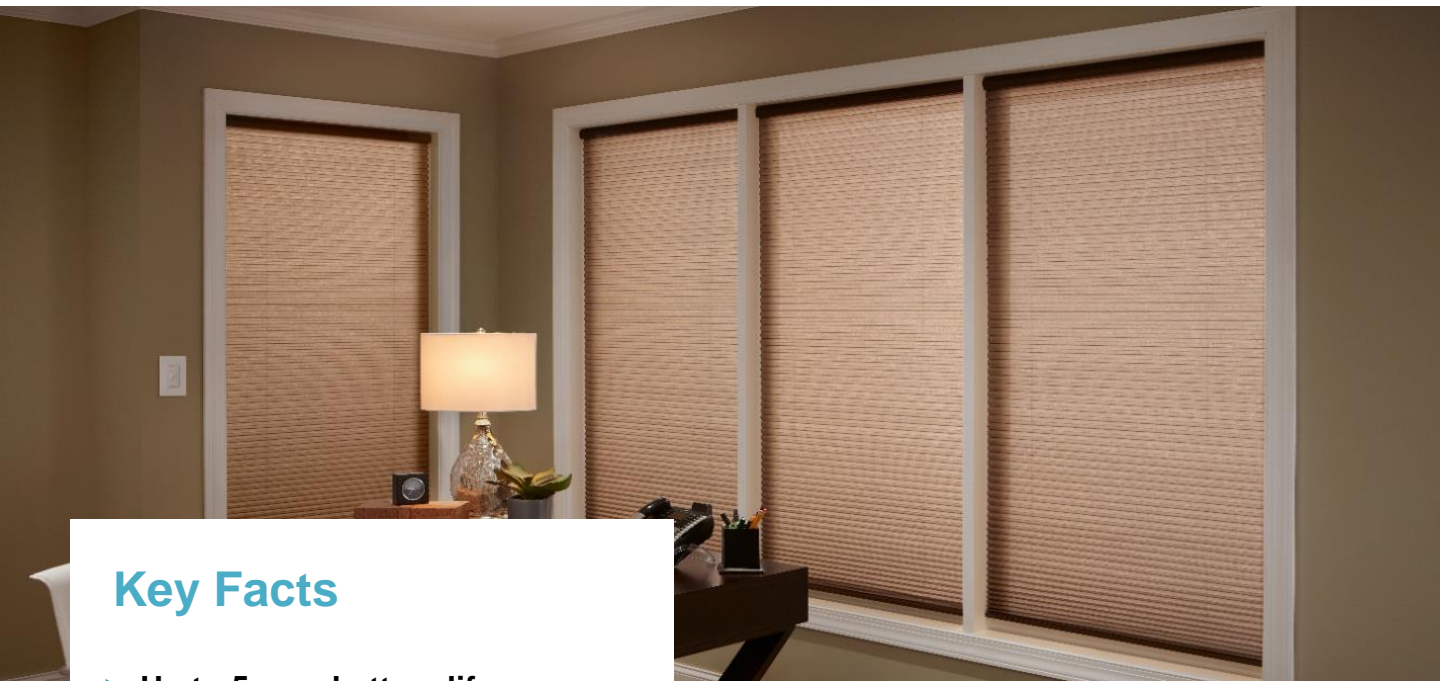
Blackout

- Opaque fabrics block light from entering the space
- Ideal for bedrooms and media rooms for complete privacy



Serena Insulating Honeycomb Shades

Simple. Affordable. Convenient.



Key Facts

- ▶ Up to 5 year battery life
- ▶ Insulating R Value up to 3.4
- ▶ Built in wireless communication
- ▶ Operating speed of 45mm per second
- ▶ Maximum dimensions 2438mm x 2438mm



Simple stylish control

Triathlon shades can be controlled via sleek handheld remotes or wall mounted wireless switches.

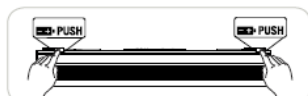


Battery operation

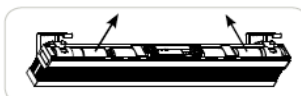
Serena shades run on 4-6 CR20 1.5V batteries, lasting an impressive 3-5 years.

Easy maintenance

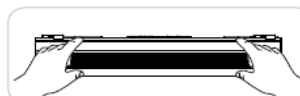
Our exclusive Tap n' Tilt™ technology makes changing the batteries a breeze, without ever removing the shades.



Simply press the release buttons, allowing the headrail to tilt forward.



Change the batteries.



Snap the headrail back into place.

Serena Insulating Honeycomb Shades

Fabric

When selecting your shade fabric, you don't need to sacrifice fashion for function. Whether you want to cut glare, add insulation, or block sunlight, you can choose from a beautiful palette of colours and textures that will meet those needs, all while adding a signature look to every space.



Fabric collections

Serena® honeycomb shades are available in a variety of opacities and colors.

Cyprus (light-filtering or room-darkening) traditional neutrals

Monaco (light-filtering or room-darkening) warm tints in spun lace

Rio (light-filtering or room-darkening) a variety of colors from whites and tans to bold hues that pop

Sedona (light-filtering) airy sheers in a natural palette

Prague (light-filtering) earth tones paired with woven linen

Napa (light-filtering) textured, soft neutral tones and rich browns



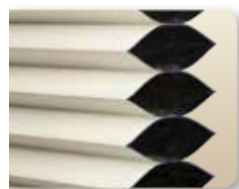
Light-filtering – Single-cell

- Transforms harsh daylight into a soft, filtered glow
- Provides varying levels of privacy from the outside
- Saves energy with insulating fabric and design



Light-filtering – Double-cell

- Allows some light to filter into the space
- Saves even more energy with double-cell insulating design



Room-darkening – Single-cell

- Blocks light from entering into a space
- Creates complete privacy from the outside
- Saves the most energy due to aluminum lining

Serena Insulating Honeycomb Shades

Effortless energy saving

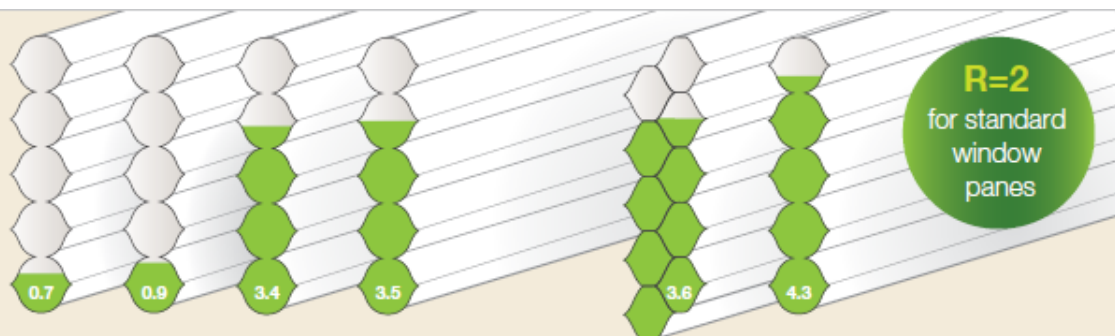
Lowering shades in the summer prevents the sun's rays from heating up the room, while raising them in the winter captures heat from those rays helping you save energy and money.

Serena honeycomb shades capitalize on that energy savings. In fact they can double the insulation at your windows

Serena honeycomb shades have pockets that trap air, proving superior insulation when lowered. They come in a variety of styles, and as you can see from the following chart, deliver varying R Values depending on the style.




"R" Value

is the capacity of an insulating material to resist heat flow. The higher the R Value, the greater the insulating power — which means energy savings for you in the summer *and* winter!

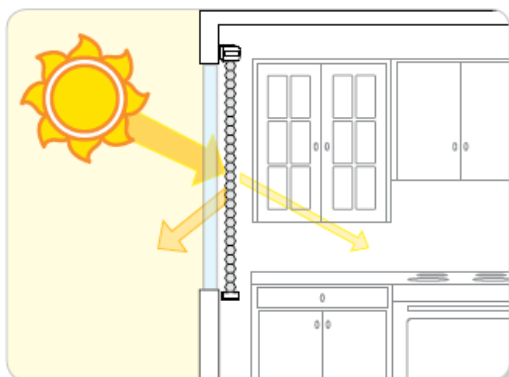


Collection

Style

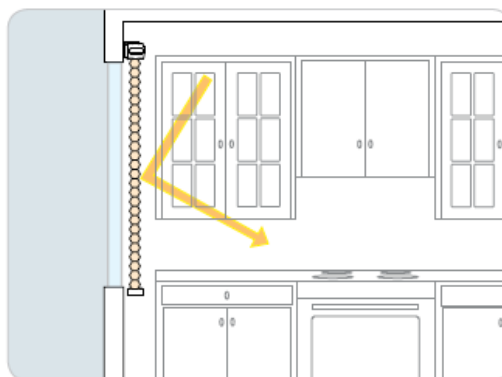
Sedona	Prague	Napa	Monaco Cyprus	Monaco Rio	Monaco Cyprus Rio
Sheer single-cell	Light-filtering single-cell	Light-filtering single-cell	Light-filtering single-cell	Light-filtering double-cell	Room-darkening single-cell
					
Good		Better			Best

Summer energy savings



Reflect summer sun and keep inside air cooler

Winter energy savings



Prevent heat loss in winter, keeping inside air warmer

Battery Powered Shades by Lutron

Control from anywhere in the room

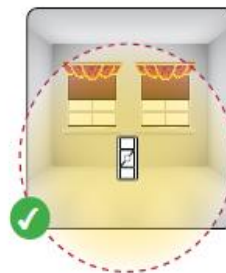
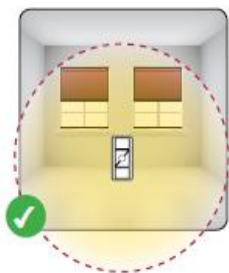


Radio frequency (RF) remote control

An RF wireless control operates via radio frequency, allowing flexible control of your shades from anywhere in the room. This remote is ideal for use with shades installed behind a drapery, a valance, or a cornice because the remote's signal doesn't require line-of-sight to the shade for it to operate flawlessly.

You can choose from a single-group Pico® wireless control or a 4-group control.

RF remote basics



 RF range

An RF remote control doesn't need to "see" the shade(s) it's controlling. So you can hold it in your hand, keep it on your table in a pedestal, or even mount it to a wall using an optional faceplate adapter and faceplate. RF signals can travel through anything that isn't metal and will control all shades within a 30 foot range.

Single-group RF remote control

This option allows you to control a single shade or multiple shades with one button press.

You can:

- use the Pico® as a hand-held device
- mount it wirelessly to a wall
- place it on a tabletop pedestal



Pico wireless control with a tabletop dual pedestal



Pico wireless control with a tabletop pedestal



Hand-held Pico wireless control



Pico wireless control with a Claro® wallplate

SHADEHAUS

textiles meet technology

Sivoia QS Triathlon

Integration to Lutron and 3rd party building management systems

The Triathlon shades are exactly as per the Serena family, with the added functionality of integration capacity. Triathlon shades can be used in conjunction with lighting and automation control systems.



Simple power options

Makes installing shades easy and affordable.



Instant digital response

Immediate reliable response to RF system commands. The shade returns to Eco mode when not in use to preserve power and minimise vampire loads.



Precision Hybrid drive

Combines low power requirements with stored energy to move shade while maintaining precision alignment for superior aesthetics.



Synergistic performance

Triathlon combines these three elements to deliver the most reliable, power efficient shading system available today.





Battery Powered Shades by Lutron

Insulating Honeycomb Shade Specification

Lutron remote controlled insulating honeycomb shades move smoothly and quietly to provide Privacy and light control at the touch of a button.

Features :

- 3 – 5 Year battery life based on two up and down movements per day
- Easy installation and maintenance
- Built in wireless communication using RF clear connect technology
- Insulating properties to an R Value of 4.3, depending on fabric

Ratings :

- Operating Voltage: 6-12V
- Operating wattage 5W
- Torque: 4.5 in•lb
- Speed 45mm per second

Environment:

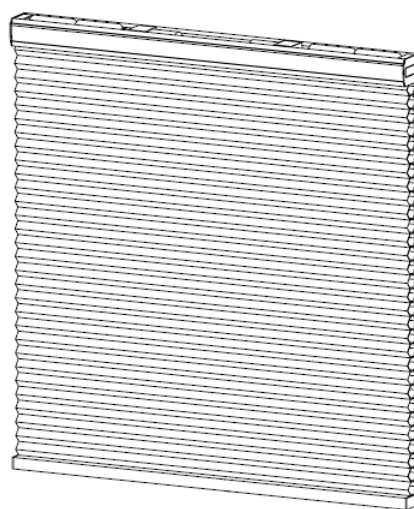
- Temperature 0°C to 40°C
- For indoor use only
- Relative Humidity \leq 90% Non condensing

Compatible Controls

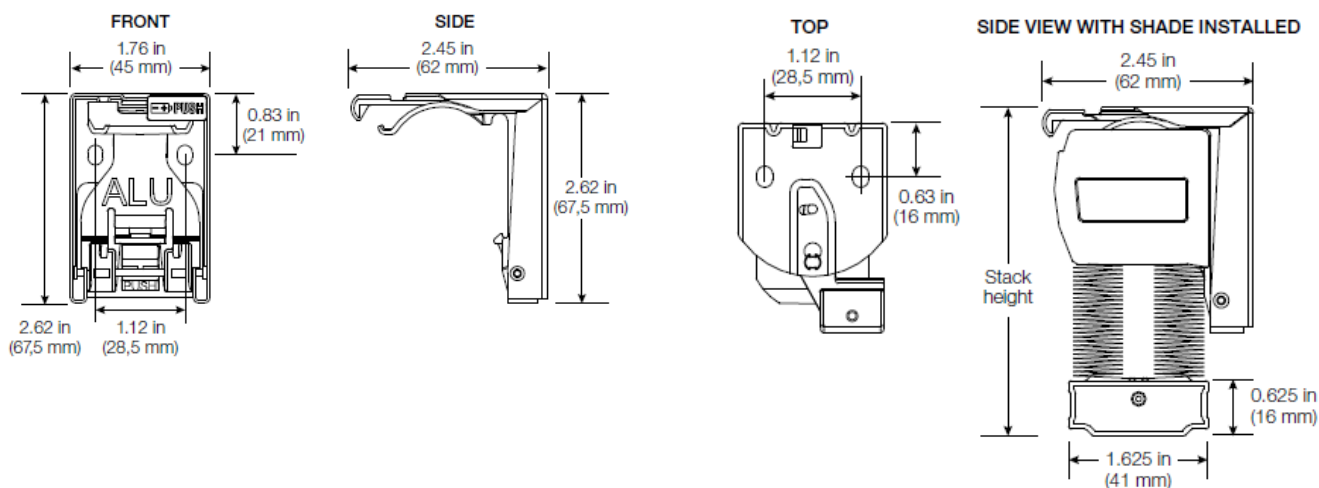
- Pico Wireless control

System Dimensions:

- Shade Width Minimum 381mm
- Shade Width Maximum 2438mm
- Shade Height Minimum 305mm
- Shade Height Maximum 2438



Tap 'n' Tilt Brackets (motorized shades):



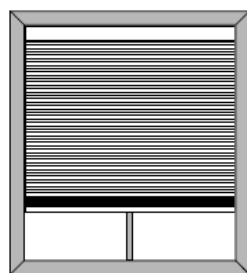


Battery Powered Shades by Lutron

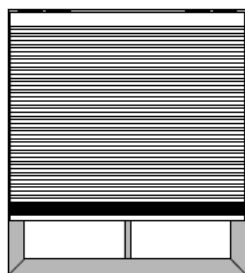
Insulating Honeycomb Shade Specification

Mounting Options

Depending on the window dimensions, the shade can be mounted inside the window frame or outside the window frame. Mounting bracket spacers are included when mounting above/below trim is indicated on the original order.



Inside Mount



Outside Mount

Shade Width	Number of Brackets
14 1/2 in - 45 in (368 mm - 1 143 mm)	2
45 1/2 in - 72 in (1 146 mm - 1 829 mm)	3
72 1/2 in - 96 in (1 832 mm - 2 438 mm)	4

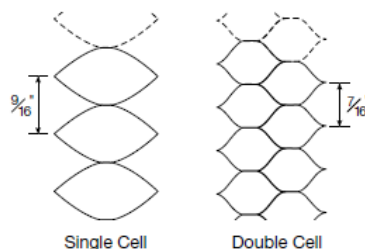
Fabric Options

Lutron Insulating Honeycomb Shades are available in a wide variety of types:

Fabric Type	Collection(s)	R Value
Light-Filtering Single-Cell		
Point Bonded*	Cypress	3.5
Spun Lace	Monaco, Rio	3.5
Sheer	Sedona	0.7
Crush	Napa	3.4
Woven	Prague	0.9
Light-Filtering Double-Cell		
Spun Lace	Monaco, Rio	3.6
Room-Darkening		
Point Bonded*	Cypress	4.3
Spun Lace	Monaco, Rio	4.3

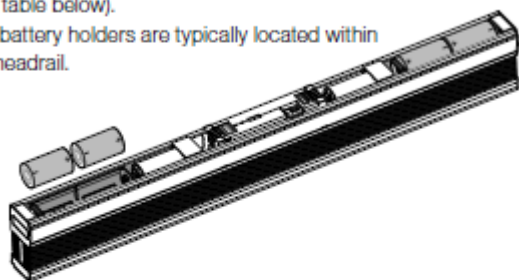
* Available with fire rated option

Honeycomb Options (profile view)

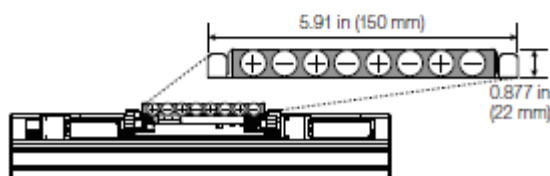


Battery power

- Batteries are not included.
- Type and quantity vary with shade size and fabric choice (see table below).
- The battery holders are typically located within the headrail.



- Shades that are not wide enough to include battery holders within the headrail have a battery holder located on the back of the headrail. Mounting bracket spacers are included to provide additional rear clearance.



For detailed information about battery requirements please see the following table:

Battery requirements by shade size and fabric

Shade Width/Fabric Option		Batteries Required
Cypress • Monaco • Sedona	Rio • Napa • Prague	
14 1/2 in - 21 1/2 in (368 mm - 546 mm)	14 1/2 in - 21 1/2 in (368 mm - 556 mm)	(8) AA-Cell Lithium (ext. pack)
21 1/2 in - 24 3/4 in (556 mm - 629 mm)	22 in - 26 1/2 in (559 mm - 664 mm)	(8) AA-Cell Lithium
24 3/4 in - 29 1/2 in (632 mm - 749 mm)	26 1/2 in - 31 1/2 in (667 mm - 791 mm)	(4) D-Cell Alkaline
29 1/2 in - 41 1/2 in (752 mm - 1 045 mm)	31 1/2 in - 42 3/4 in (794 mm - 1 086 mm)	(6) D-Cell Alkaline
41 1/2 in - 96 in† (1 048 mm - 2 438 mm)	42 3/4 in - 96 in†† (1 089 mm - 2 438 mm)	(8) D-Cell Alkaline

* Ranges shown are for outside-mounted shades. To determine battery requirements for inside-mounted shades, add 1/2 in (6 mm) to widths.

† Exception: If the shade height is 72 in (1 829 mm) or less, it will require 6 D-Cell batteries.

†† Exception: If the shade height is 82 in (2 083 mm) or less, it will require 6 D-Cell batteries.

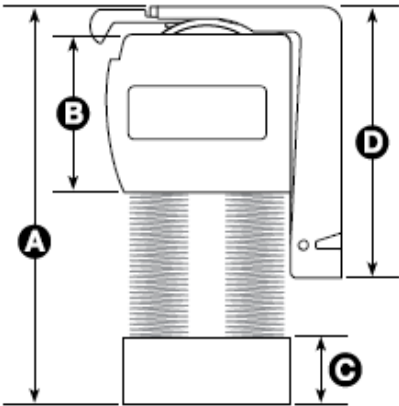


Battery Powered Shades by Lutron

Insulating Honeycomb Shade Specification

Use these stacking guidelines if you plan on installing your Serena insulating honeycomb shade in a place where you need to raise the entire shade above an obstacle (such as above doors that open). These guidelines will help you determine how high to mount your shade, so that the shade will clear the obstacle when it's fully raised.

- A = Stack height:** the total height of the fully raised shade from the top of the bracket to the bottom of the bottom rail
- B = 1 5/8 in. (42 mm)**—headrail height
- C = 5/8 in. (16 mm)**—bottom rail height
- D = 2 5/8 in. (67 mm)**—bracket height



Dimensions for A

Your Shade Height	Cyprus		Monaco and Rio			Designer Collections		
	Light-Filtering	Room-Darkening	Light-Filtering	Room-Darkening	Double-Cell	Napa	Sedona	Prague
1 ft.	2 3/4 in. (70mm)	2 7/8 in. (74mm)	2 7/8 in. (74mm)	2 7/8 in. (74mm)	3 1/8 in. (80mm)	3 in. (77 mm)	2 3/4 in. (70mm)	2 3/4 in. (70mm)
2 ft.	3 in. (77mm)	3 in. (77mm)	3 1/8 in. (80mm)	3 1/8 in. (80mm)	3 1/2 in. (89mm)	3 3/8 in. (86mm)	2 7/8 in. (74mm)	3 in. (77mm)
3 ft.	3 1/8 in. (80mm)	3 1/4 in. (83mm)	3 3/8 in. (86mm)	3 3/8 in. (86mm)	3 7/8 in. (99mm)	3 3/4 in. (96mm)	3 1/8 in. (80mm)	3 1/4 in. (83mm)
4 ft.	3 3/8 in. (86mm)	3 3/8 in. (86mm)	3 5/8 in. (93mm)	3 5/8 in. (93mm)	4 1/4 in. (108mm)	4 1/8 in. (105mm)	3 1/4 in. (83mm)	3 1/2 in. (89mm)
5 ft.	3 5/8 in. (93mm)	3 5/8 in. (93mm)	3 7/8 in. (99mm)	3 7/8 in. (99mm)	4 5/8 in. (118mm)	4 1/2 in. (115mm)	3 1/2 in. (89mm)	3 3/4 in. (96mm)
6 ft.	3 3/4 in. (96mm)	3 3/4 in. (96mm)	4 1/8 in. (105mm)	4 in. (102mm)	5 in. (127mm)	4 3/4 in. (96mm)	3 5/8 in. (93mm)	4 in. (102mm)
7 ft.	4 in. (102mm)	4 in. (102mm)	4 3/8 in. (112mm)	4 1/4 in. (108mm)	5 1/4 in. (134mm)	5 1/8 in. (131mm)	3 3/4 in. (96mm)	4 1/4 in. (108mm)
8 ft.	4 1/8 in. (105mm)	4 1/8 in. (105mm)	4 5/8 in. (118mm)	4 1/2 in. (115mm)	5 5/8 in. (143mm)	5 1/2 in. (140mm)	4 in. (102mm)	4 1/2 in. (115mm)

Note: For fire-rated fabrics, add 10% to stack height.

Battery Powered Shades by Lutron

Roller Shade Specification

Lutron remote controlled roller shades move start, move and stop smoothly and quietly, providing privacy and light control at the touch of a button.

Features :

- 3 – 5 Year battery life based on two up and down movements per day
- Easy installation and maintenance
- Built in wireless communication using RF clear connect technology
- Ultra Quiet operation 38dBa measured at 1m from drive
- Precise drive is capable of stopping in 3mm intervals throughout the entire travel of the shade

Ratings :

- Operating Voltage: 6-12V
- Operating wattage 5W
- Torque: 2 in•lb
- Speed 75mm per second

Environment:

- Temperature 0°C to 40°C
- For indoor use only
- Relative Humidity \leq 90% Non condensing

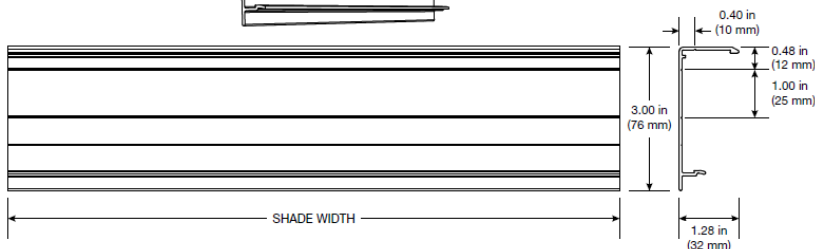
Compatible Controls

- Pico Wireless control

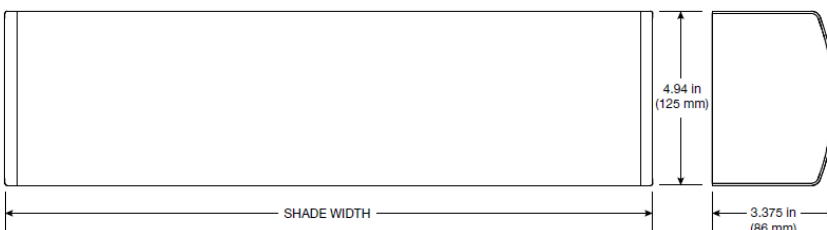
System Dimensions:

- Shade Width Minimum 381mm
- Shade Width Maximum 2438mm
- Shade Height Minimum 305mm
- Shade Height Maximum 2438

Shade Back Cover:
(all battery-powered
models; all models with
optional fascia)



Optional Fascia with End Caps:

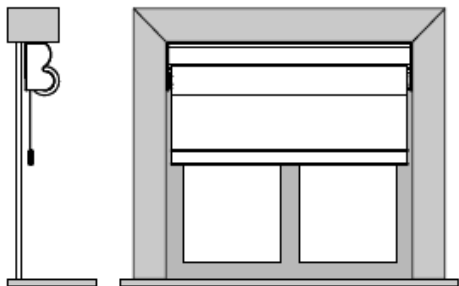


Battery Powered Shades by Lutron

Roller Shade Specification

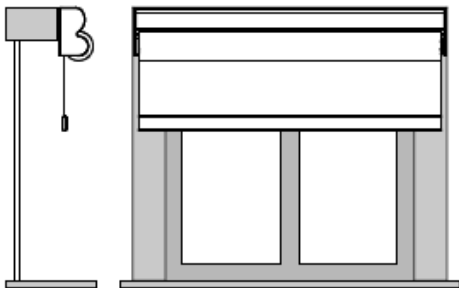
Mounting Options

Depending on the window dimensions, the shade can be mounted inside the window frame or outside the window frame.

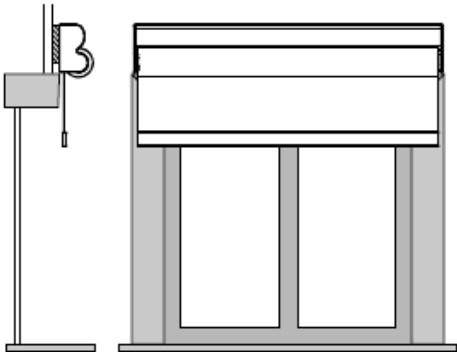


INSIDE MOUNT

The window jamb must be at least 3 in (76 mm) deep to fully recess the shade. With optional fascia, the window jamb must be at least 3.5 in (76 mm) deep to fully recess the shade and the fascia.



OUTSIDE MOUNT ON TRIM

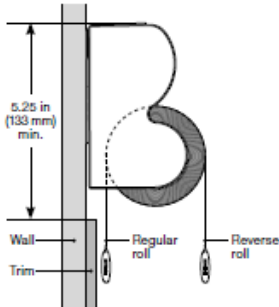


OUTSIDE MOUNT ABOVE TRIM

Spacer blocks are included when outside mount above trim is indicated.

Depending on the size of the shade and the depth of the trim, or the roll direction of the shade, it may be possible to mount the shade directly to the wall above the trim without using the spacer blocks.

In this arrangement, the top of the back cover must be a minimum of 5¼ in (133 mm) above the top of the trim, as shown below.

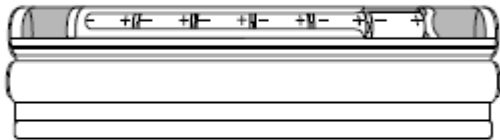


Optional fascia not available with reverse roll.

Power Options

Battery power

- Batteries are not included.
- D-Cell Alkaline batteries required. Quantity (6 or 8) varies with shade size:



Shade Width	Batteries Required
20.5 in (521 mm) to 24 in (610 mm)	6 D-Cell Alkaline
24.5 in (622 mm) to 96 in (2438 mm)	8 D-Cell Alkaline

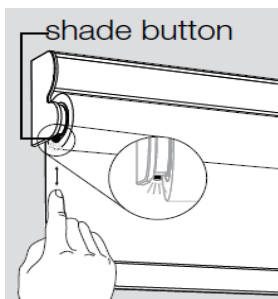
NOTE: To maintain performance specifications in buildings with 20 or more Lutron Radio Powr Savr Sensors, Lutron recommends powering shades with a wired power supply. Please consult Application Note #477 for more information

Battery Powered Shades by Lutron

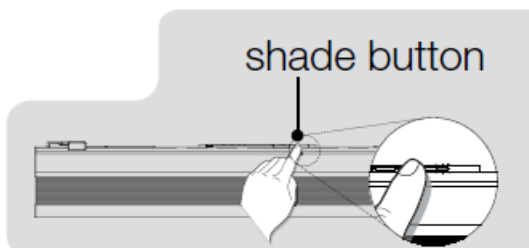
Programming

Assign a Pico wireless remote control to the shade

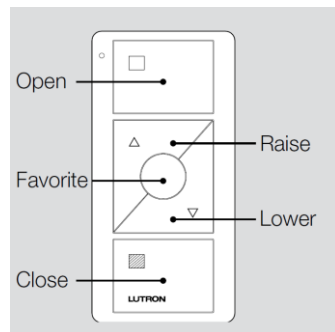
- **Step 1:** Tap the shade button on all shades you want assigned to the control. The shade button will illuminate green.



Roller Shade



Honeycomb Shade



Pico Remote

- **Step 2:** Hold the **Close** button on the Pico remote for 10 seconds until the shade button blinks and turns off

Adjust the shades upper and lower limits (Remote must be assigned first)

Lower Limit

- **Step 1** Tap the shade button on the shade that you want to adjust
- **Step 2** Hold the **Open** and **Raise** button together on the Pico for 10 Seconds until the shade button blinks and remains lit.
- **Step 3** Use the controls **Raise** and **Lower** buttons to adjust the shade position to the lower limit that you prefer.
- **Step 4** Hold the **Close** button on the Pico for about 10 seconds until the shade button blinks and turns off.

Upper Limit

- **Step 1** Repeat step 1 to 3 above
- **Step 2** Hold the **Open** button on the Pico for about 10 seconds until the shade button blinks and turns off.

Battery Powered Shades by Lutron

Programming

Set a favourite level for shades

- ▶ **Step 1** Use the Raise and Lower buttons to adjust the shade to the desired level
- ▶ **Step 2** Hold the Favorite button on the Pico for about 10 seconds until the shade button links

Restoring Shade to Factory Default

This will remove any controls assigned to the shade. It will not effect the upper and lower limits.

- ▶ **Step 1** Tap the shade button quickly 3 times, and hold the shade button after the third tap until the shade button LED blinks green rapidly.
- ▶ **Step 2** Immediately tap the shade button quickly three more times, until the shade button LED blinks green rapidly, then blinks red/green three times and turns off.

Frequently Asked Questions

Is the shade's motor loud?

Not at all. If you're standing 3 feet away from a moving Serena shade, you won't hear much of anything. At a sound level of less than 44 dBA (decibels) for honeycomb shades and 38 dBA for roller shades, this is roughly the same level of sound as you would find in a quiet room or library and is quieter than most refrigerators.

I have two (or more) identical shades next to each other. Will they move at the same speed?

Yes. Our digital control circuitry makes sure that your shades move at the same speed.

How do Serena shades save energy?

Shades save energy by:

- Reducing heating and cooling costs. Lowering shades in the summer prevents the sun's harsh rays from heating up a room, while raising them in the winter captures heat from those rays.
- Providing insulation. Serena insulating honeycomb shades have air pockets built into their fabric that provide insulation. These air pockets help keep your house cooler in the summer and warmer in the winter.

How do I clean the Fabric?

Regular Cleaning - Dust with a feather duster and lightly vacuum fabric with a brush type vacuum attachment. Soil Removal - Sponge with a mild detergent and warm water solution and blot dry. Blot with a solution of 1 part mild detergent and 3 parts warm water, then blot dry.