

SED **MOTORIZATION** & HEM BAR ALIGNMENT

What You Need to Know



As humans, we're just naturally drawn to symmetry and visual order.

Our brains are hard-wired for it.



Misaligned spatial patterns, especially linear ones, are easily detected by the human eye. We're equipped to gauge the differences between two linear objects within a 1/4" at a distance of 5 feet.

THAT'S GREAT FOR THROWING DARTS AND HANGING PICTURES

not so much for hem bar alignment...

Our ability to control linear variations comes in handy when we have control over the situation.

But what happens when we don't? Things like.... (waaaiit for it) **hem bar alignment.**



When shades are misaligned it takes otherwise aesthetically pleasing environments and alters our perception of them in an unpleasant way. Even the smallest variation in hem bar alignment is an unwelcome distraction.

BUT LOOKS AREN'T EVERYTHING



When automated shades are opened or closed, precision is important for more than just aesthetic reasons. Variations in hem bar alignment impact light levels and temperature control.

Even slight variations can have a negative consequences on comfort and temperature control by altering light levels. Gaps can increase unwanted light and glare and raise interior temperatures.



WHAT GOES UP MUST COME DOWN but not always in perfect alignment...



Shade motors often slow down as they lift heavier loads. Load increases as the shade retracts and more fabric is wrapped around the shade tube.

The opposite is true when the shade is lowered. The motor can speed up as the shade extends and fabric is unwound from the tube.

Line voltage and frequency can also vary, as can the output voltage of the power supply outlet. This can produce inconsistent speed due to the ebb and flow of the electrical current driving the motor. The key to precise hem bar alignment is speed control

ENTER LUXOUT SHADES **SED MOTORIZATION**

SED 25mm, 28mm & 50mm Drives



Our new SED Motorization System is designed for speed control that allows for flawless synchronized hem bar alignment.

With SED, multiple shades move together in perfect harmony in either single spaces or an entire building.

SED is available in wireless rechargeable, low voltage plug-in, or hardwired - all designed to perform consistent motor rotation speed at any load condition. This keeps hem bars in alignment no matter the variation in widths of the various shades in a given room.

Add value to your interiors with the aesthetic appeal and smooth functionality of SED Motorization.



LUXOUT SHADES

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