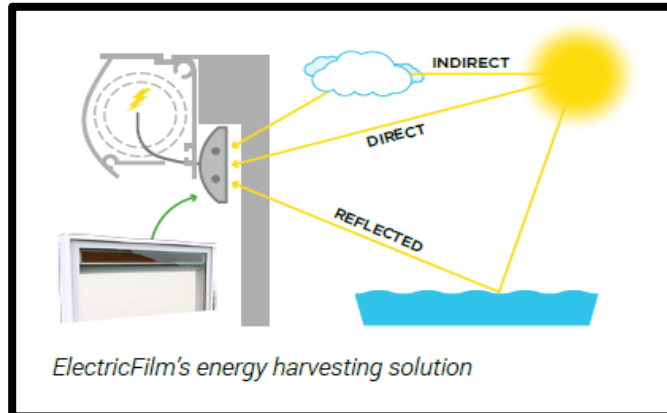
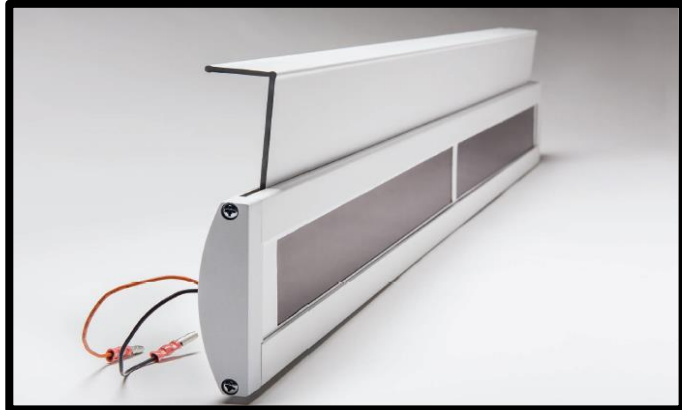




POWER FROM LIGHT ELECTRICFILM



Controls low voltage window coverings up to 18 volts

**** Cycles listed are based on minimum daylight hours (fall / winter)**

**** This chart show average cycles per day based on Calgary's latitude**

Elevation	South	West	East	North
60" drop	7	3	4	1
96" drop	4	2	2	1

This cycle chart is for window coverings based on an average weight shade (roller shades and similar) at a 60" width x either 60" or 96" drop. What the term cycle means is as follows: 1 cycle = once up and once down.

This chart is based on a minimum amount of daylight so essentially "Winter". It doesn't mean that one day you couldn't raise and lower the shade twice however more that if you did that 2 days in a row and it was in the middle of winter and really cloudy that week then you would likely run the rechargeable batteries to the point that they may not be strong enough to raise the shade completely. In this case it would take several days to recharge the battery cells or worst case scenario you would have to hook up to a charger and replenish to a minimum level where the sun's energy would take over the recharging of the battery cells. If the shade was only 30" x 30" then you might be ok for a few days at double the cycle.

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Some shading systems such as QMotion are equipped with a spring assist which actually helps raise the shade, further reducing draw on the solar power supply. If the product that you were controlling was a 2" metal or wood and all that you were doing was tilting then you would likely be able to double the cycles for that elevation. This would also apply to other fabric shades if all that you were doing was tilting open or closed.

The product will be sold in either a standard 30" panel OR in custom sizes starting at 20" wide.

So what products can I use? Well essentially anything that is less than 18volts so that would include all Hunter Douglas Powerrise products, All Somfy 12 volt RTS motors (NOT 24 volt motors) , any QMotion shade, any other product that uses a low voltage (under 18 volt) motor that can be controlled using a wireless switch AS WELL AS ANY low voltage drapery motor (under 18 volts).

Based on this you should also consider the above information when you are going to be integrating these shades with a Control4 or other automation controller. The potential for problems could be that if you programmed these shades to go down at Sunrise and up at Sunset and then also went to override or operate the shades between those times. Not an issue if they are South or West but could be if they were facing East or North.

Last item is regarding multiple shades in one window opening. If you were doing this then you would have to use a separate solar panel for each shade motor. Long term we are hoping to see a continuous extrusion with multiple battery cells inside.