

The politically correct way to say "MYOB"



Just flip your switch.

SWITCH LITE
Privacy Glass

Go from public to full privacy with a flip of a switch.

Since the birth of glass, window treatments have been

used to solve the seemingly impossible problem of

balancing privacy with the unobstructed flow of light.

Blinds, curtains, shutters - all of them told prying eyes

to "mind your own business." But until SwitchLite

Privacy Glass, these solutions were a compromise.

Now you can have the ultimate. All the light you could

want but with total MYOB privacy at the flick of a switch.

The secret is a Liquid Crystal sheet permanently bonded

between two layers of glass.

Power on, and the glass is

clear. **Power off**, and the glass

goes translucent. Privacy at

the speed of light. Finally.

ARCHITECTURAL

- CONFERENCE ROOMS
- OFFICE PARTITIONS
- SKYLIGHTS
- STOREFRONTS
- HOSPITALS/CLINICS
- TRANSPORTATION
- DISPLAY
- SECURITY APPLICATIONS

RESIDENTIAL

- BEDROOMS
- BATHROOMS
- SKYLIGHTS
- HOME FRONTS
- INTERIOR DIVIDERS
- ETC.





RESIDENTIAL

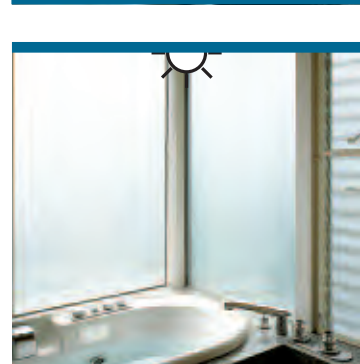
Whatever unknown architect at the dawn of time invented the window must have had an inkling that SwitchLite Privacy Glass would one day be developed. It's the most versatile window treatment you can use.

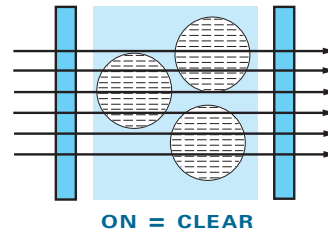
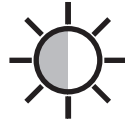
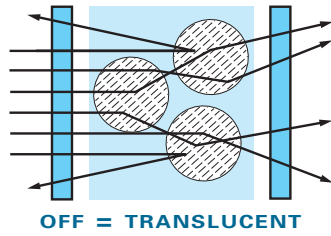
When connected to a timer or computer, you can program the Privacy Glass to go clear or translucent even when you're not at home.



BATHROOMS

Easy to clean and impervious to water, SwitchLite Privacy Glass is the perfect application for a unique, light-filled bathroom. You've got total privacy on demand.





OFF

The secret of the transformation between clear glass and translucent glass is

found in the **Liquid Crystal** sheet. In their non-energized state, the **Liquid Crystal** molecules disperse

light. When voltage is applied, however, these same molecules arrange themselves in a specific

direction in a way that permits parallel light

to pass through the glass.

ON



CONFERENCE PRESENTATIONS

SwitchLite Privacy Glass can transform presentation rooms. For instance, sensors and switches enable glass panels to alternate between clear and translucent in time to music. You can also turn windows into screens on which images can be projected. The presentation possibilities are limited only by your imagination.



HOSPITALS/CLINICS

SwitchLite Privacy Glass partitions are a perfect alternative to conventional curtains in a variety of dental and medical applications. The glass is easier to keep clean and won't attract dust like blinds or fabric curtains.

SPECIFICATIONS

Glass and Installation Thickness:

Glass thickness is the actual thickness of the glass. Installation thickness combines the glass and the Edge Protector. Edge Protectors are always required on all top and bottom edges.

1/8" glass thickness = 13/32" installation thickness

3/16" glass thickness = 9/16" installation thickness

1/4" glass thickness = 5/8" installation thickness

Maximum Glass Panel Dimensions:

38" x 114" (Larger sizes may be available.)

Power Requirement:

100 Volt. Power consumption is 3.5 W/m² when ON.

Power Switch Control Units:

100V AC, 50/60Hz.

Switch Response Time:

OFF (Translucent) to ON (Clear) Approx. 1/1000 sec.

ON (Clear) to OFF (Translucent) Approx. 1/1000 sec.

Parallel Light Transmission:

When "ON", 75% light transmittance, 7.5% Haze.

When "OFF", 74% light transmittance, 94% Haze.

Electrical Lead Wires:

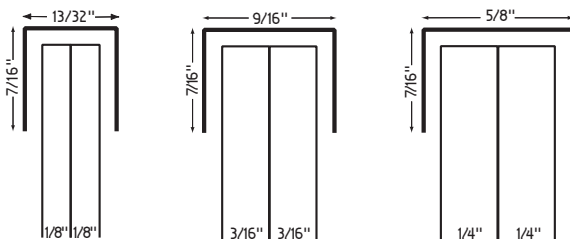
All lead wires are provided 40" long from the center top edge of each panel.

Glazed Joints:

Panels may be produced with polished edges on two sides giving the installer the ability to glaze the vertical joints with a compatible sealant.

Edge Protectors:

SwitchLite panels are produced with our permanent edge protectors. When ordering, be sure to consider these dimensions for a perfect fit. (See illustrations below.)



GLASS COMBINATIONS

SwitchLite Privacy Glass can be made with various types of glass combinations as the chart below illustrates. Additional types are available upon request.

	1/8" Clear Glass	3/16" Clear Glass	1/4" Clear Glass
1/8" Clear Glass	SWC 6 (1/4" combined)		
1/8" Tinted Glass	SWT 6 (1/4" combined)		
3/16" Clear Glass		SWC 10 (3/8" combined)	
3/16" Tinted Glass		SWT 10 (3/8" combined)	
1/4" Clear Glass			SWC 12 (1/2" combined)
1/4" Tinted Glass			SWT 12 (1/2" combined)
1/4" Heat-Reflective Glass			SWCR 12 (1/2" combined)

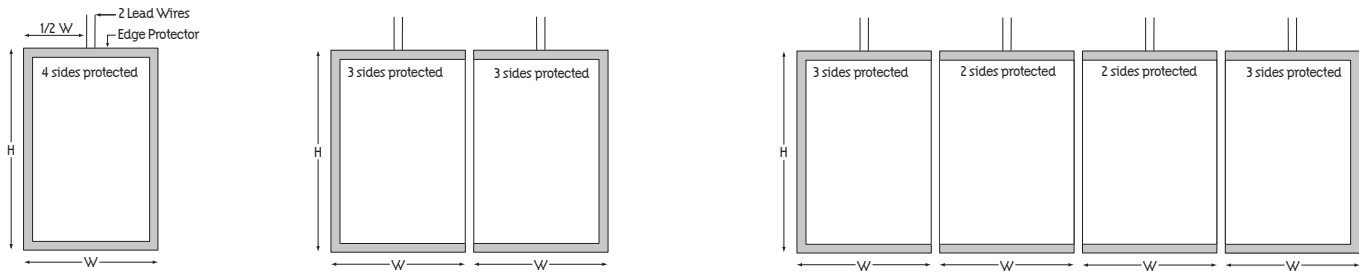
"INTERIOR" MOUNTING UNITS

The type of SwitchLite Privacy Glass varies depending on installation needs. "Interior" means that the Privacy Glass units will be mounted in a location where there is no possibility of contact with water.



"EXTERIOR" OR "INTERIOR" MOUNTING UNITS

In all cases, whether for indoor or for outdoor applications, where SwitchLite Privacy Glass units are to be installed in a place that is exposed to water, all units are considered "Exterior" units. All "Exterior" units must be properly sealed. On "Exterior" installations, edge protectors are used on all four sides unless you plan on glazing panels together.



EXCLUSIVE POWER SWITCHING

SwitchLite Privacy Glass requires the uses of a special power transfer box. This power transfer box is engineered to allow the glass to be controlled by virtually any dry contact switch while providing protection from damaging electrical surges. The quantity of power transfer boxes required is determined by the overall square footage of the glass used and how many zones are to be switched independently.