

LC PRIVACY GLASS

LC Privacy Glass is an electrically-activated, switchable glazing technology that instantly changes from transparent to frosted white, creating complete privacy with just the touch of a button, by remote control, or with voice commands. In the powered state, the panels are transparent*, allowing full view and daylight to pass through. When unpowered, the view is completely obscured.

LC Privacy Glass is an ideal solution for Conference Rooms, Partitions, Hospitals Doors, Front Entrances, Sidelites, Bathrooms, and Windows, and is the only dynamic glazing product that allows open views and privacy to co-exist in a single environment.

CONFERENCE ROOMS



BOARD ROOMS & EXECUTIVE OFFICES



REAR PROJECTION DISPLAY / MULTIMEDIA



**STATIONARY & SLIDING DOORS
SHOWER ENCLOSURES**



INTERIOR WINDOWS



**HOSPITAL ROOM DIVIDERS & CURTAIN WALLS
EMERGENCY ROOM / ICU SLIDING & BREAKAWAY DOORS**



ARCHITECTURAL SPECIFICATIONS

Operating Voltage	48-65 VAC	U Value - Varies by IGU Make-up	0.28
Operating Current	20 mA / Sq Ft	UV Blocking	99%
Power Consumption	< 1w / Sq Ft	Maximum Film Size	78" w
Visible Light Transmission (on)	91%	Maximum Glass Size	78" w x 168"
Visible Light Transmission (off/private)	50%	Minimum Thickness	5/16"
Specular Light (on)	75%	Maximum Thickness	1 1/2"
Specular Light (off/private)	2%	Response Time to Switch (on)	0.1 Sec
Diffused Light (on)	63%	Response Time to Switch (off)	0.4 Sec
Diffused Light (off/private)	4%	Temperature Limits (F)	14° to 122°

*As with all PDLC and LC Privacy Glass products, our LC Privacy Glass is never 100% clear in the activated / powered state, and exhibits a certain amount of white "haze" when in the "transparent" state. This is not a defect, but a limitation of the technology in that it can never switch from 100% clear to 100% opaque. Users can minimize the apparent haze by controlling artificial and natural light, and with other means. Please read the application note "How To Minimize Haze in LC Privacy Glass" to understand how to optimize your viewing experience.