



LTI Smart Glass, Inc.

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LTI Smart Glass / electrified laminates / Product Data Sheet

Switchable Privacy Smart Glass:



- Corporate Conference Rooms
- CEO Offices
- Data/Security Rooms & Spaces
- *RETAIL Space*
- Lobbies and Waiting Areas (for privacy or rear projection display)
- **Patient Care Centers**
- Administrative Offices/Areas
- De-mountable Wall Partitions
- *A/V Media Rooms* – Presentations
- Residential Master Suites
- Entry Foriers / Doors – Windows
- *Trade Show Exhibitions*
- Custom Public Art Displays
- *Skylights* and Custom Floors
- Industry's Original UL Listed panels
[UL-Listing Category IYQX.E216500]

Function:

Provides an instant switchable privacy option as a **translucent**, milky white, *laminated panel* becomes **transparent** with the application of an electrical current (120VAC) to an embedded layer of liquid crystal particles.

Switching Action:

Arrays of switching options are available from a basic single-pole/single-throw switch to advanced integration into home automation systems.

Installation:

Smart Glass panels install with traditional glazing techniques and hardware. Standard framing and channel systems may be used in conjunction with conventional electrical components & conduits. May be installed fully framed, or w/ polished verticals for butt-jointed installation, as well.

Energy/Performance Data:

Power Consumption = ~2.5w / sq meter (transparent)

Power Consumption = 0w / sq meter (translucent)

Light Transmission = 80% - on / 5% - off

Switching Speed = 7ms – on / 17ms – off

Dimension:

Maximum width = 54" Maximum Height = 130"
(Larger Custom Sizes Available)

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