

SWITCHABLE GLASS



Technical Specifications

- Ideal for providing shading, privacy, and diffusing light
- Sound insulation properties available
- Power Supply, 110V/220V AC
- Power Consumption, <math><5\text{W}/\text{m}^2</math> in "on" state
- Switching Time, <math><1</math> second
- Operating Temperature Range, -20°C to 60°C
- Light Transmission, 80-90% (clear state), <math><5\%</math> (opaque state)
- UV Blocking, 98%
- Durability, Over 10 million switching cycles

Applications

- Office partitions
- Conference rooms
- Residential windows
- Hospital and healthcare environments
- Retail displays
- Bathrooms and shower enclosures
- Security and privacy screens

Materials and Finishes

- Systems are designed to accommodate insulated and laminated glass types
- Low-e, frit, and specialty glass options available
- Finish, clear, low-iron, tinted, or decorative glass options available to meet design and performance requirements.
- Custom Finishes, Options for coatings or laminates to enhance thermal performance, privacy, or UV protection as needed.
- Interlayer, Polymer Dispersed Liquid Crystal (PDLC) film
- Electrical Components, Integrated conductive coatings and control units

Additional Features

- Control Methods, Wall switch, remote control, smartphone app, or integrated automation systems

Warranty

- Limited Warranty, Hals International offers a warranty on systems and materials.