



Overview

Toughened switchable glass is a single toughened glazed glass coated with the PDLC layer, with various thicknesses and colors for choice. It's a most popular switchable solution with cost-effective features, switched clear to opaque on demand. The thickness of toughened switchable glass includes 5mm-19mm. Max size 1800*3600mm can be reached. Simple manufacturing makes it used most commonly in projects.

Tech Specs

- Input voltage: 36-240vac. 12v Dc
- Frequency: 50/60Hz
- Work voltage: 36-60vac
- Switching time: Less than 1 second
- Power consumption: 6watt/square meter
- Operation: On-Transparent/Off-opaque
- Visible Light Transmittance: 83%(On) / 57%(Off)
- Parellel light transmittance:78%(On) / 5%(Off)
- Hazz: 7%(On) / 90%(Off)
- Thickness: 5-19mm, etc.
- Visible angle: 120degree.
- Work temperature: -50/60 centigrade degree.
- Single panel max size: 1.8*3.6meters

Benefits

- Toughened security glass with high strength and hardness
- Smart light adjust
- Easy maintenance and cleaning
- Instant privacy
- Sound insulation
- Energy efficient
- Flexible bespoke manufacturing into any size and shape.
- Multiple control: Switch, dimmer, remote control, wifi app.
- Low energy consumption

Application

- Window & doors
- Glass divider / partitions
- Skylights
- Bathroom
- Curtain glass wall.
- Furniture
- Privacy & security glass
- Vision panels
- Meeting room
- Projection screen