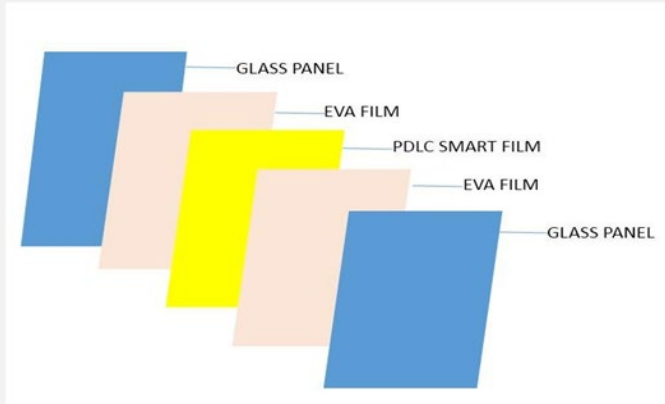


Switchable Privacy Glass Specifications

www.dglassp.cpm

Construction:



This product conforms to ANSI Z97.1 for laminated safety glass construction

All power supply components are cULus recognized

Method of Action:

Electrical current either aligns or randomizes embedded liquid crystals to achieve desired transparency. (Power off = Private)

Function:

Provides switchable privacy for a translucent, milky white, laminated panel to become transparent with the application of an electrical current to an embedded layer of liquid crystal particles.

Switching Options:

Various switching options are available from a basic single-pole / single throw switch to remote fobs or advanced integration into automation systems.

Energy Data:

Input Power: 120VAC / 50-60Hz

Consumption: .47 watts / ft²; 0 watts in privacy state

Output: 60VAC

Switchable Privacy Glass is approved for exterior application if the glass edges and power supply are protected from moisture. Use only NUETRAL CURE silicone on glass edges.

Dimensions:

Maximum width: 70" (1800mm)

Maximum height: 118" (3000mm)

Custom shapes available

Thickness (Glass):

Maximum Thickness: (unlimited)

Minimum Thickness: 5/16" (7.9mm)

Thickness (Polycarbonate):

Maximum Thickness: (unlimited)

Minimum Thickness: 1/16" (1.58mm)

Performance Data:

Visible Light Transmittance*: ON 87%; OFF 9%

UV Blocking:> 99% IR Blocking**: ON 13%; OFF 68%

Operation Cycling: >2 million

Life Expectance: >100,000 hours (Interior application)

*dependent on type and thickness of substrates and glass used * off-angle viewing can increase visual haze factor

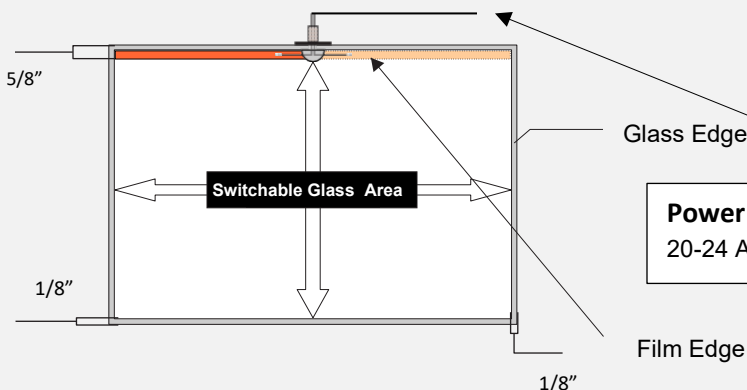
Operating Temperature: - 4°F to 158°F

Switching Time: ~200ms Private to transparent

~250ms Transparent to private

Haze: 3% to 5%* *

All power supply components are cULus recognized



Power Leads: Leads generally exit top center of glass panel. 6" of 20-24 AWG, 300V rated wire is standard.

Switchable Privacy Glass

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Use remote on/off fobs for easy switching from clear to private mode.

Increase the writeable surface area in the meeting room by using dry erase markers on DGP's Switchable Glass.



DGP's Switchable Glass can be cleaned and disinfected, unlike mechanical blinds or shades.



Protect and respect patient privacy

Keep prying eyes from seeing into your living space.

