SKYLINE

Switch On, Switch Off.

SDX™ RETROFIT SMART FILM

SDX™ retrofit Smart Film switches between clear and translucent for instant privacy.

The interlayers are precision-cut and wired in our Chicago factory.

At A Glance

2% Haze in ON state

Compared to industry average: 4-7%

Patented Control Hardware

Allows for 24/7 operation and reduced power consumption

Endless Control Options

On/off, dim, and fade controllable with traditional switches, remotes, touch screens, hands-free automation systems, and more

Multi-Use Product

Supports rear projection and can serve as a writable surface

Connections Allow For Easy On-Site Wiring

3-year Warranty

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Combine the technology of switchable Smart Film with striking designs and color.

Patterns

Choose from hundreds of designer patterns and murals from Skyline's pattern library

Custom Artwork, Branding, & Wayfinding

Provide your own artwork to incorporate custom logos, signage, graphics and color schemes

Gradients

Incorporate digitally printed gradients to control level of privacy when glass is in clear mode

Ordering

SDX Decorative Smart Film is available exclusively through Decorative Films / www.decorativefilms.com

SKYLINE / **decorativefilms**

OFF   ON

Function

Transforms existing glass into Smart Glass. SDX Smart Film can switch from opaque to transparent instantly with the application of an electrical current to an embedded layer of liquid crystal particles using proprietary controllers.

Switching Action

An array of switching options (including dimming) are available from a basic single-pole/single throw switch to advanced integration into automation systems.

Panel Size

Max. size: 59" x 144"

Energy Data

Input Power: 110–220 VAC / 50-60Hz

Energy Consumption:
ON: ~3 watts/ sq meter
OFF: 0 Watts in privacy state

(UL) UL recognized

Performance Data: Clear / On

Parallel Light Transmission: 78%

Total Light: 80%

Haze Range: Min 2.1%, dependent on type and thickness of substrates used

Performance Data: Translucent / Off

Parallel Light Transmission: 3%

Total Light: 65%;

Haze Range: Full, dependent on type and thickness of substrates used
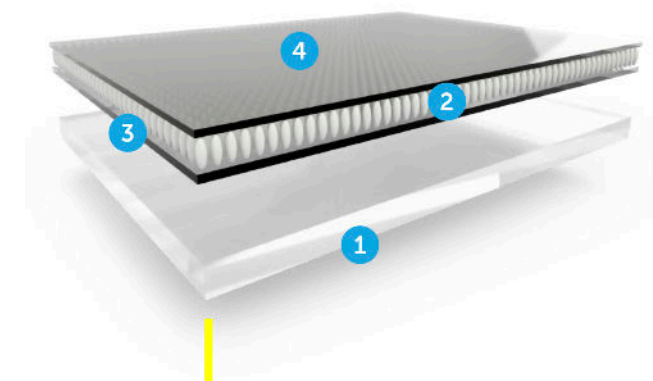
Switching Speed

Translucent to Clear: Approx 3 ms

Clear to Translucent: Approx 150 ms

Operating Temp: -20°C to +70°C

Power Leads

Pigtails provided - to be applied post film installation

1. Glass
2. Film PET-ITO
3. Dry Adhesive
4. Scratch-proof coating

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Easy to Control

From wall switches and remotes to touch screens and custom automation systems

Wi-Fi Touch Screens

Radio Frequency Remotes

ON/OFF Switches

Dimmer Switches

Integration with Automation Systems (Google, Alexa, and custom programs)

Patented Controllers

High Capacity

Large drive capacity to support extensive installations.

Enhanced Protection

Surge protection and other safety features offer better ROI through extended product life.

Energy Efficiency

Ultra-low voltage operation cuts power consumption by up to 40%.

	Mini	Flex	MultiPlex
	Universal Input 110/220VAC, 50/60Hz, 450mA	Universal Input 110/220VAC, 50/60Hz, 1360mA	Universal Input 110/220VAC, 50/60Hz, 1360mA
	Output Voltage 42,48,70VAC Square wave, 25/30/32/50/60Hz, 600mA	Output Voltage 42,48,70VAC Square wave, 25/30/32/50/60Hz, 1970mA	Output Voltage 42,48,70VAC Square wave, 25/30/32/50/60Hz, 1970mA
	Powers SDX2 areas up to 4m² / 43ft²	Powers SDX2 areas up to 10m² / 107ft²	Powers SDX2 areas up to 10m² / 107ft²
	Approx. Size: 5"L x 3"W x 1.5"H	Approx. Size: 6.5"L x 4.1"W x 1.5"H	Approx. Size: 9"L x 4.1"W x 1.5"H
	Weight: 1 lb.	Weight: 1.6 lbs.	Weight: 2.1 lbs.
	Wall Mounting: Built-in	Wall Mounting: Mounting Brackets	Wall Mounting: Mounting Brackets
	Output Channel: 1	Output Channel: 1	Output Channel: 1 to 32
	Configurations: On/Off, Fade	Configurations: On/Off, Dimmer	Configurations: On/Off, Blinds Fade
	DMX: N/A	DMX: On/Off, Dimmer, Open Interface	DMX: DMX On/Off
	COM: N/A	COM: On/Off, Dimmer, Open Interface	COM: On/Off, Fade
	Cascade: N/A	Cascade: 0-10VDC	Cascade: N/A

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