



# SKYLINE

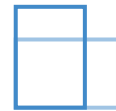
**SDX3™ SMARTVIEW**

Powered by **CLC**

**SDX3 SmartView™** combines Skyline's premium SDX3 smart glass and SmartView window framing system into one package.



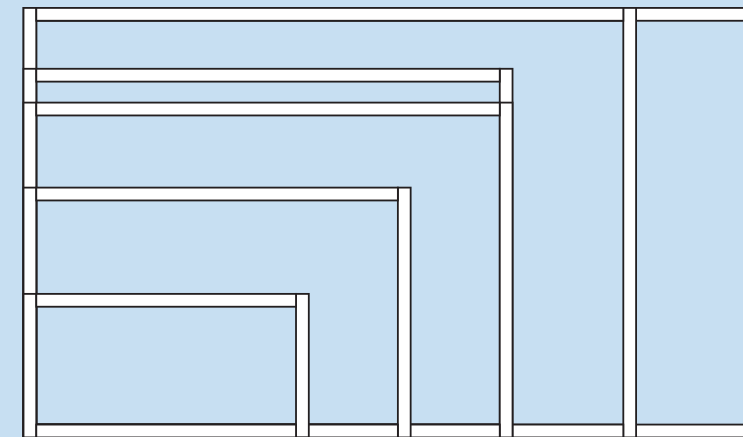
Ideal in healthcare & workplace spaces



Can be installed vertically or horizontally

Offering unmatched clarity from any angle and instant transitions from clear to private, SDX3 is specifically designed for viewing windows in healthcare spaces.

Made in the Midwest, USA.



42" x 72"

42" x 60"

36" x 48"

32" x 48"

24" x 36"

14" x 38"

Mounting options available in both horizontal and vertical orientations, frames are available in six standard sizes with the added flexibility to build to your specifications.



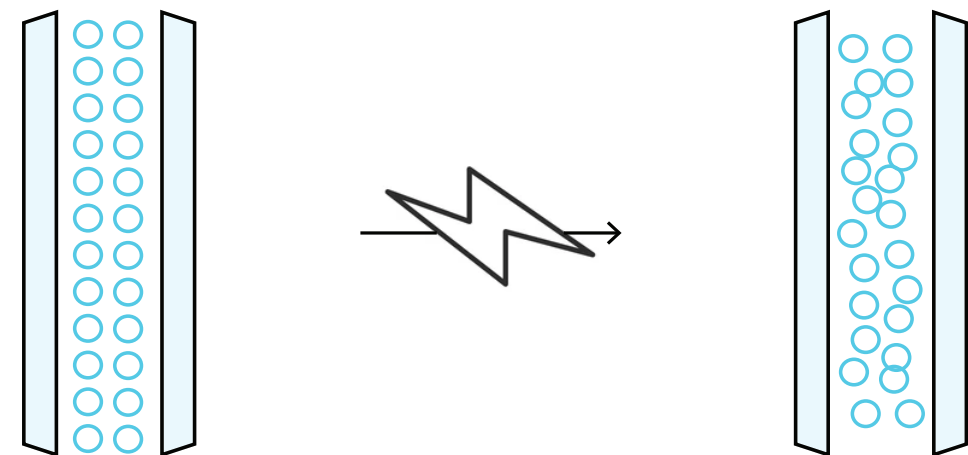
SDX3™ is a proprietary formulation of a liquid crystal that gets applied directly to the glass with no film in between—just a piece of glass, the liquid crystal, and then another piece of glass.

It's much clearer than any other switchable glass on the market.



**ON** / The liquid crystals are aligned uniformly, providing an unmatched crystal clear view from any angle.

**OFF** / The liquid crystals are randomly scattered, allowing diffused light to pass through while fully obscuring the view.



## SDX3™ uses less energy than a 25-watt lightbulb.

This energy efficiency, coupled with acoustical privacy, security, and UV protection, positions SDX3 as a versatile solution adaptable to various applications, seamlessly integrating into existing automation systems.



Class 3 low voltage



Acoustic Control up to STC 37 with higher STC ratings for insulated makeups



Can be on for 24 hours with no breaks



Liquid crystals are protected inside the laminated glass makeup, making the product pathogen-resistant and easily cleanable



## Control Options

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

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Wi-Fi Touch Screens

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Radio Frequency Remotes

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ON/OFF Switches

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Integration with Automation Systems  
(Google, Alexa, and Custom Programs)

# Specifications & Performance Data

## 9.9 mm thick

Weight: 4.4 lbs/sqft

Max Size: 15 sqft max

Min Size: 1.8 sqft, 7" min

Max IG OAT: 1-5/8"

Min IG OAT: 3/4"

Sightline: 5/8"

## 11.5 mm thick

Weight: 5.2 lbs/sqft

Max Size: 59" x 96"

Min Size: 1.8 sqft, 7" min

Max IG OAT: 1-5/8"

Min IG OAT: 13/16"

Sightline: 5/8"

### Appearance

Clear: Transparent

Private: Translucent White

### Visible Haze

Clear State: Less than 3% at 90° and less than 5% from all angles

Privacy State: Greater than 97%

### Visible Light Transmittance

Clear State: 80% minimum

Private State: 65% minimum

### UV Blocking

Greater than 99%

### Switch Speed

Less than 100 ms

### IGU Options

Double and triple IGUs

### Power Consumption

Clear: <0.5 watts/sqft

Private: 0 watts/sqft

### Controller Performance Data

#### Power Input

24VDC UL power supply

#### Wiring

18 Gauge 2

Conductor class 3

#### Switch Options

Light switches, Google and Alexa, Smart switches / relays

### Acoustical Properties

STC 37 (11.5mm)

OITC 32 (11.5mm)

### Shapes

Squares and rectangles

### Glazing

Requires fully captured edge

### LoE Coatings

Compatible with most climate zone specific coatings

### Glass Compliance

#### Safety

ANSI Z97.1

CPSC 16 CFR 1201

#### Behavioral Health

ASTM F1233 Class 1.4 tested

AAMA 501.8 tested

Modified 20.0mm construction

#### Hurricane Impact

Passed TAS 201 & 203, DP50

Modified 12.4mm construction

ASTM E2190

### Electrical Certifications

FCC FCC certified

UL UL recognized

NEC class 3 power

Limited system

### Controller Operating Temp

50°F - 104°F (10°C - 40°C)

# SKYLINE



TRANSFORMING GLASS

[skyline.glass](https://skyline.glass)