



ON

OFF

LCG[®] Smart Glass

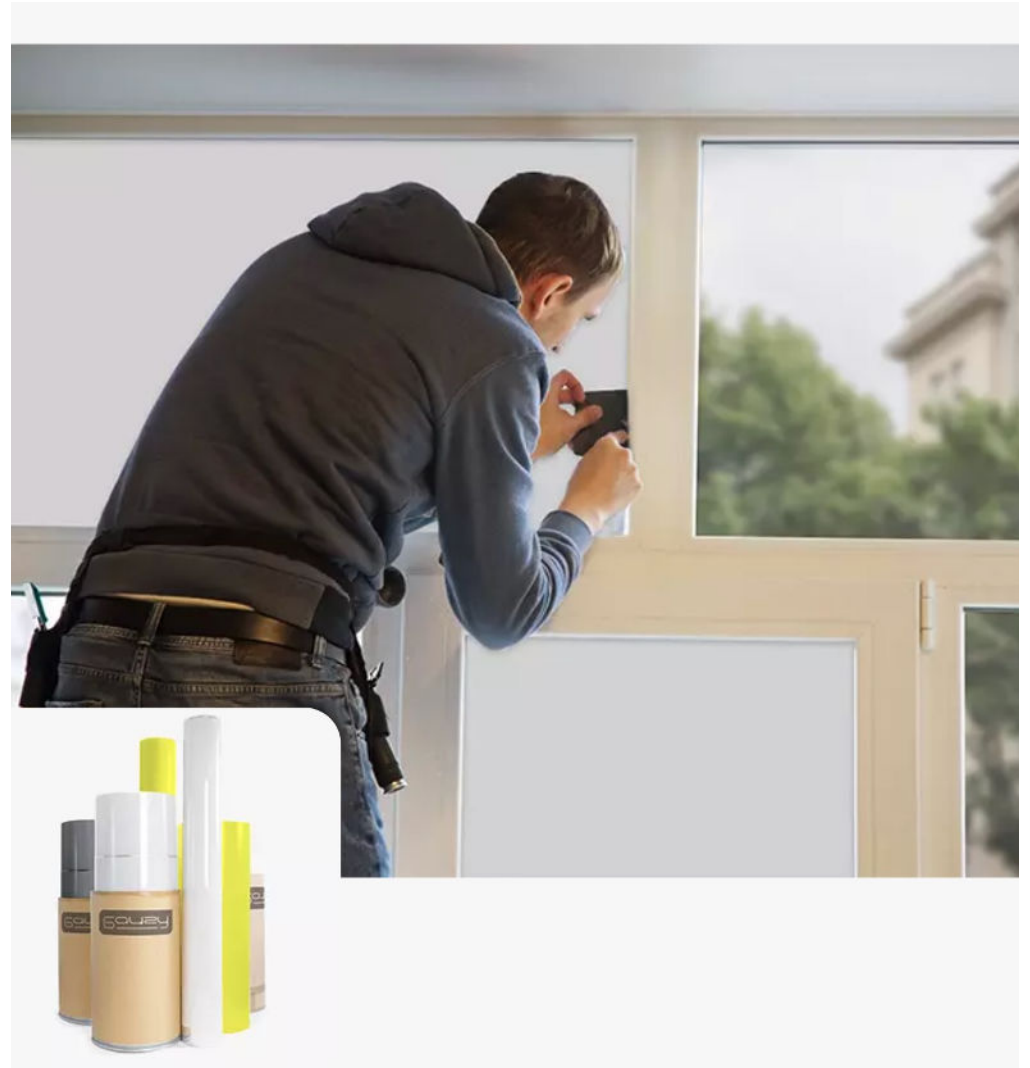
Switchable Glass
Powered by Gauzy

Skyline Design



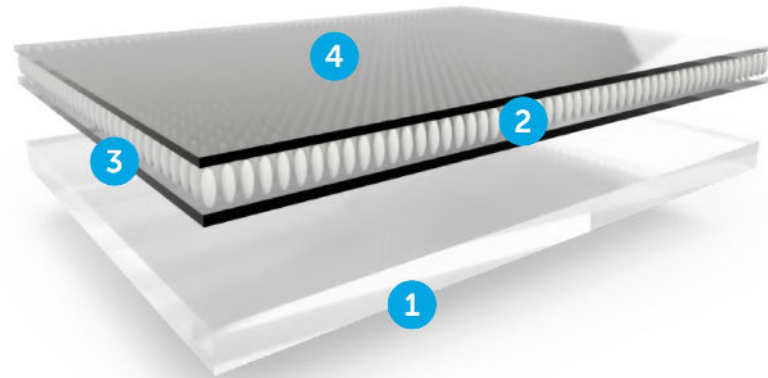
Retrofit Solution: LCG[®] Smart Glass Applied Film

Adhesive smart films allow any glass to be instantly converted into smart glass.





Retrofit Solution: LCG[®] Smart Glass Applied Film



1. Glass
2. LC Film with PET-ITO
3. Dry Adhesive
4. Scratch Proof Coating



Specifications: LCG[®] Smart Glass Applied Film

White

Dark

Film Optical Performance				
Attribute	OFF	ON ₁	OFF	ON ₁
Parallel Light Transmittance	4%	74%	2.9%	48%
VLT (Total Transmittance)	67%	77%	36%	50%
Haze (ON) ₂	3.8%		3.8%	
Color Grade	L* = 82.3		L* = 64.7	
	a* = 0.7		a* = 0.55	
	b* = 7.4		b* = 8.2	
Film Technical Properties				
Switching Time	10ms			
Lifecycle	18 Million +			
Operating Temperature	-20°C to +70°C			
Power Consumption	1-3W/m ²			
Film Thickness ₃	560μ			
Roll Widths(mm) ₄	1200, 1500		1200, 1500	
Cut-to-Fit	Custom Sizes, Shapes, Busbar Position; Holes and Notches			
Glass Types	Annealed, Tempered, Clear, Low Iron/Ultra Clear, IG Units, Other			
Adhesive Type	Dry			
Scratchproof Coating	Yes			
Storage Conditions	-20°C to +60°C, <50% Humidity			
Electrical Performance				
Controller Types	Mini, Flex, Multiplex, Custom			
Operating Modes	Fade, ON/OFF, Dimming			
Operating Voltage	48-70VAC			
Operating Frequency	25,32,50Hz			



ON LCG[®] Smart Glass Applied Film

- Available in rolls or laser cut-to-fit sheets
- Custom busbar positioning
- Dry adhesive
- Scratch-proof coating





OFF LCG[®] Smart Glass Applied Film

- Available in rolls or laser cut-to-fit sheets
- Custom busbar positioning
- Dry adhesive
- Scratch-proof coating





Patented Controllers



skydesign.com

Features:

- On, Off, Dimming, Fade
- Easy installation
- Large drive capacity
- Advanced protection features for better ROI
- Ultra-low voltage
- Easy connection to automation systems

Specifications:

	Mini	Flex	MultiPlex
	Electrical Performance		
Universal Inpu ^t	110/220VAC, 50/60Hz, 450mA	110/220VAC, 50/60Hz, 1360mA	110/220VAC, 50/60Hz, 1360mA
Output Voltage	42,48,70VAC Square wave, 25/30/32/50/60Hz, 600mA	42,48,70VAC Square wave, 25/30/32/50/60Hz, 1970mA	42,48,70VAC Square wave, 25/30/32/50/60Hz, 1970mA
(Supported LCG® Area (up to	4m ² / 43ft ²	10m ² / 107ft ²	10m ² / 107ft ²
(Dimensions (LxWxH) (mm	125x75x35	165x104x35	224x104x35
(Weight (controller only	44kg.	71kg.	94kg.
Wall Mounting	Built-in	Mounting Brackets	Mounting Brackets
Output Channel	1	1	to 32 1
Operating Configurations	On/Off, Fade	On/Off, Dimmer	On/Off, Blinds Fade
DMX	N/A	On/Off, Dimmer, Open Interface	DMX On/Off
COM	N/A	On/Off, Dimmer, Open Interface	On/Off, Fade
Cascade	N/A	0-10VDC	N/A