

# PRIVA-LITE

The switchable active glass

SWITCH TO PRIVACY

TURN ON A LITTLE MAGIC

ON



OFF



BUILDING GLASS



SAINT-GOBAIN



ON

BRIGHT WHEN  
IT'S ON,  
PRIVATE WHEN  
IT'S OFF.

How often are we required to address that vital human need for privacy? Yet too often the solutions are unsightly, clumsy or simply banal. Not any more. With **PRIVA-LITE** instant privacy control is here at the flick of a switch. It's a beautiful high-tech solution to an outdated problem. Plug-in privacy delivers comfort, prestige and an added value.



# PRIVA-LITE

## PLUG-IN PRIVACY INNOVATION TO ELECTRIFY YOUR INSPIRATION

**PRIVA-LITE** is an active glass that switches instantly from transparent to translucent, at the flick of a switch. It allows you to instantly create a confidential space, while preserving the light transmission from a neighbouring room. An innovative solution for a modern architecture.

### USER BENEFITS

*Every day, people will appreciate this design feature, that they can control in terms of privacy and comfort. They can manage a space and transform it into a private zone. The effect is instant, and guaranteed to impress visitors.*

- Intimacy, privacy and comfort.
- Instant and silent change of states between ON and OFF positions.
- High light transmission.
- Protection against harmful UV radiation.
- Lots of possibilities to enlarge room space, for a unique nature.

### TECHNICAL BENEFITS

*The smart functionality allows natural light to enter even when OFF and has useful acoustic features. Easy to clean and maintain, PRIVA-LITE keeps on delivering without becoming a complicated burden.*

- Easy and safe installation.
- EPD Certificate.
- Compatibility with EN 356 standard.
- Haze level tested for every single glass panel.
- Best quality on the market for back projection application.
- Low power consumption.
- Good sound insulation.



The environmental impacts of this product have been assessed over its whole life cycle. Its Environmental Product Declaration has been verified by an independent third party.

[www.environdec.com](http://www.environdec.com)



OFF

"The wow effect at the flick of a switch"



# PRIVA-LITE

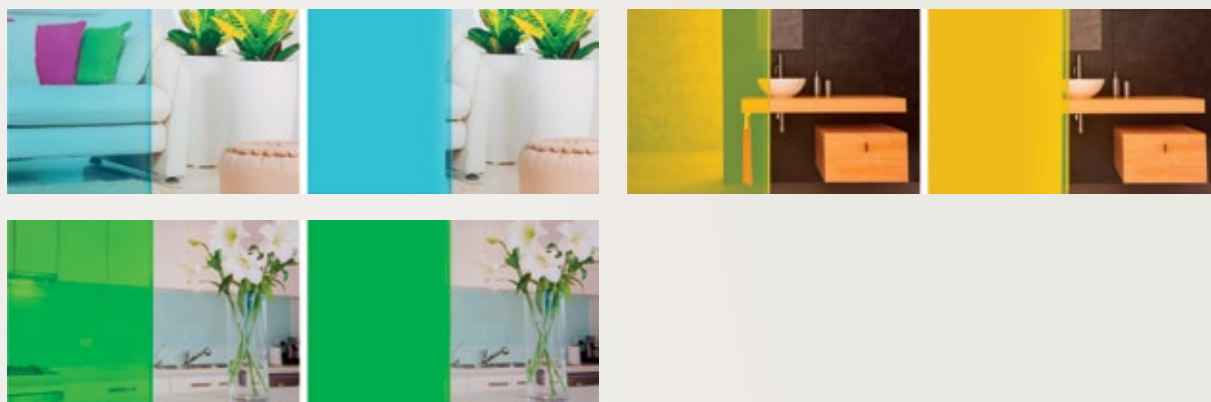
## SWITCH TO PRIVACY, TURN ON A LITTLE MAGIC

**PRIVA-LITE** is a laminated safety glass that integrates liquid crystals. When OFF, it has a natural opaque aspect. In this 'privacy' mode, glass may be used also as a screen for back projection. When power is switched ON, the crystals orient themselves so that the PRIVA-LITE glazing becomes instantly transparent.

### A VARIETY OF PRODUCTS AND SYSTEMS, A LONG LIST OF POSSIBILITIES.

#### PRIVA-LITE COLOR

*Glass laminated with colour films (12 colours available).*



#### PRIVA-LITE SLIDING DOORS

*System to slide manually.*



## AND MANY MORE...

### **CURVED PRIVA-LITE**

*Bent glass for interior applications.*

### **PRIVA-LITE CONTRAFLAM**

*For fire-resistance.*

### **PRIVA-LITE PIVOTAL DOOR**

*System of complete, ready to install sliding or pivotal doors.*

**PRIVA-LITE** can be combined with many glazings:

- **EGLAS**, for anti-condensation function
- **SUPERCONTRYX**, for an x-ray protection,
- **PICTUREit**, glass with digital printing.



# PRIVA-LITE

## SIMPLE INSTALLATION AT A GLANCE

**PRIVA-LITE** can be installed either as an interior glass or as a facade of insulated glass.

You can install PRIVA-LITE in 4 side profiles or butt joined for a continuous glass wall effect. Doors windows and walls, can be equipped with PRIVA-LITE. Complete ready-to-install systems such as sliding doors and pivotal doors are also available (ask your Saint-Gobain Glassolutions dealer for details). They will also provide the appropriate silicone and glass tape for installations that conform. PRIVA-LITE is easy to install by any professional glazier; a detailed installation guide and professional support are provided. Electric installation is very simple (to be done in accordance with the electrical installation rules, at the installation location).

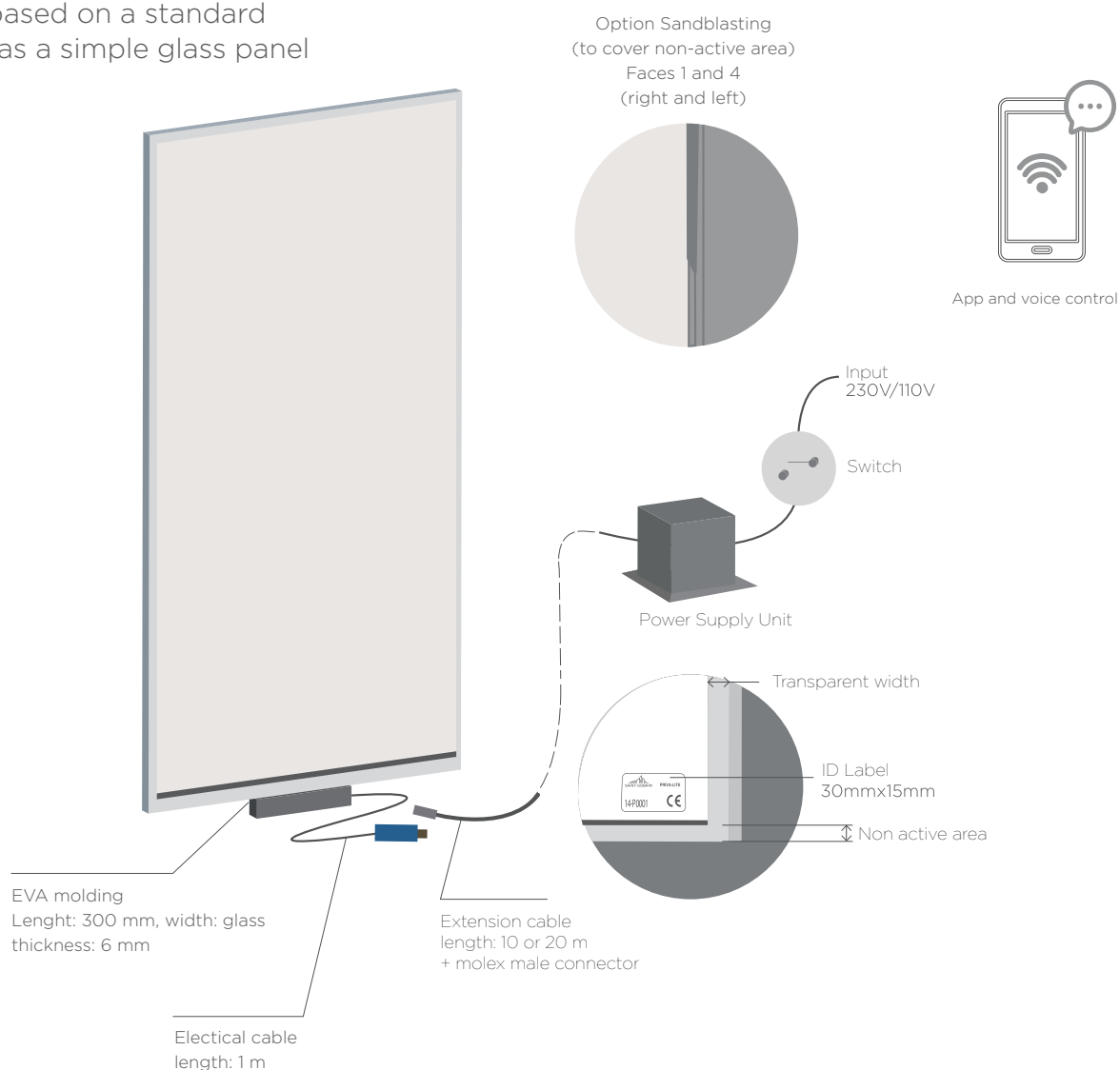
	PRIVA-LITE CLASSIC		PRIVA-LITE XL	
	ON	OFF	ON	OFF
<b>LIGHT TRANSMISSION</b>	75%	73%	76%	40%
<b>LIGHT REFLECTION</b>	7%	7%	7%	5%
<b>HAZE (LEVEL OF BLUR)</b>	5,7%	90%	6,0%	99%
<b>SOLAR FACTOR</b>	73%	71%	73%	53%
<b>U<sub>g</sub> (W/M<sup>2</sup>.K)</b>	5,3	5,3	5,3	5,3
<b>ACOUSTIC VALUE RW (C; CTR)</b>	38 (-2,-3) dB		37 (-1; -2) dB	
<b>WORKING CONDITIONS</b>	-20 to 60°C		-10 to 70°C	
<b>SIZES</b>	Min: 200 x 300mm Max: 1000/ 3750 or 1400 x 3500mm		Min: 200 x 300mm Max: 1820 x 3500mm	

\*The spectrophotometric data is given with a tolerance +/- 2%

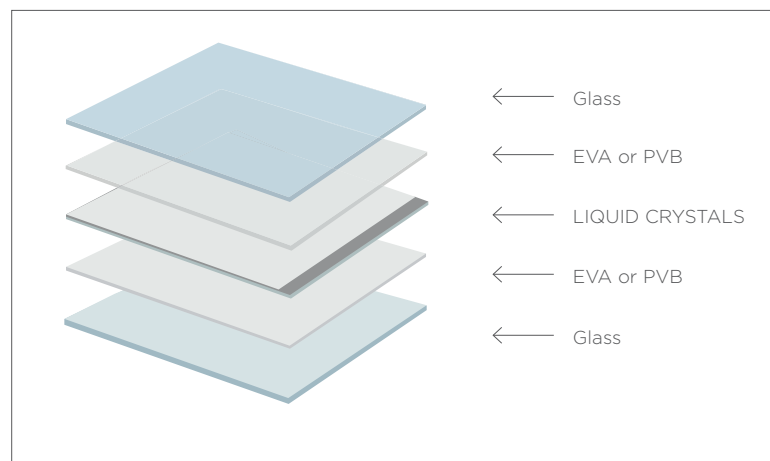
	PRIVA-LITE CLASSIC	PRIVA-LITE XL
<b>OPERATION VOLTAGE</b>	100 V (50Hz)	65 V (50Hz- 60Hz)
<b>POWER</b>	~ 7W/m <sup>2</sup> when « on » 0W/m <sup>2</sup> when « off »	~ 5W/m <sup>2</sup> when « on » 0W/m <sup>2</sup> when « off »
<b>IP</b>	IP X7 or IP X4	
<b>SECURITY TO SHOCK</b>	PRIVA-LITE 55.4 is equivalent to a laminated glass (EN 12600, level 1B1)	
<b>PROTECT CLASS</b>	PRIVA-LITE 55.4-P5A ; Priva-lite 66.8-P6B	
<b>ELECTRICAL CLASSIFICATION</b>	Class I (EN 60439)	Class II (EN 60439)
<b>STANDARDS AND CERTIFICATION</b>	CE, DOP, EPD certificates available on request	

## PRIVA-LITE SYSTEM SCHEME

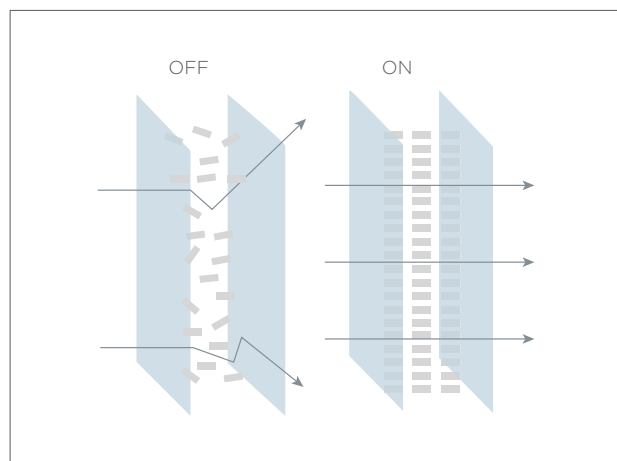
Diagram based on a standard assembly as a simple glass panel



## PRIVA-LITE COMPOSITION



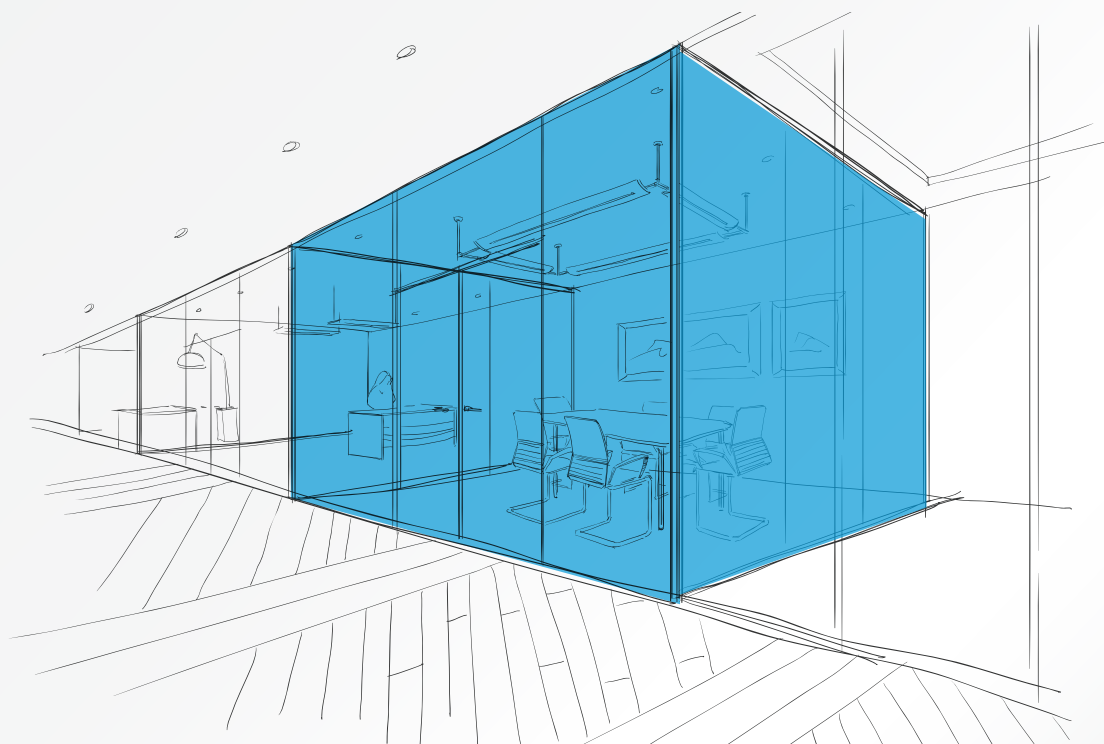
## LIQUID CRYSTALS IN OFF/ON MODE



# PRIVA-LITE

## THE CLEVER SOLUTION THAT'S SO RIGHT FOR SO MANY SITUATIONS

**PRIVA-LITE** is designed to create an impactful impression with stunning simplicity. Its silent and instant effectiveness gives users the power to change the atmosphere to suit the mood or the occasion.



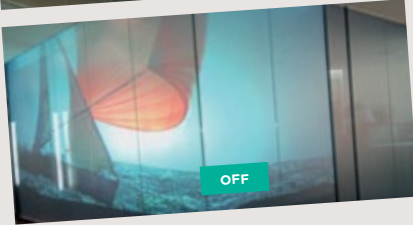
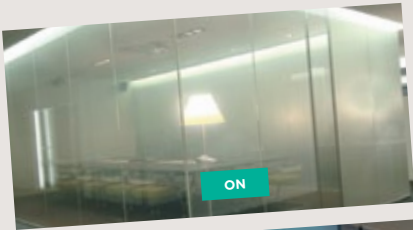
### APPLICATIONS

- Internal partition
- Fire resistant partitions
- Sliding, pivotal and framed door
- Facade and shop window
- Double/triple glazing  
(ask for more details)
- Glass floor
- Back projection screen

# IDEAL FOR YOUR LIVING AND WORKING SPACES

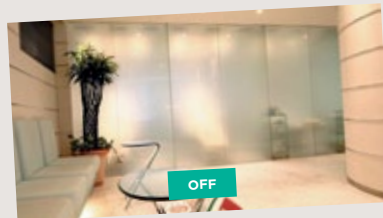
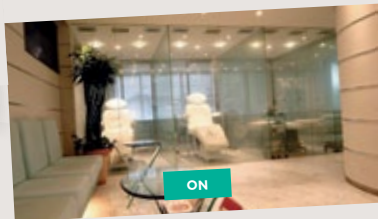
## OFFICES/MEETING ROOMS

Walls or sliding doors and partitions, privacy management.



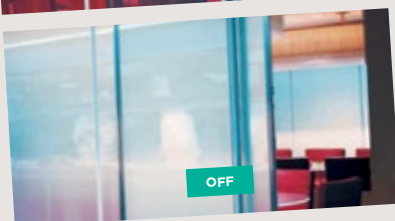
## MEDICAL, MUSEUMS, SHOPS, PUBLIC SPACES

When instant transparency control adds value and prestige.



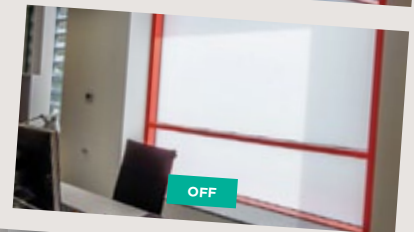
## HOTELS/RESTAURANTS

Space management in public spaces, bed/bathroom partitioning.



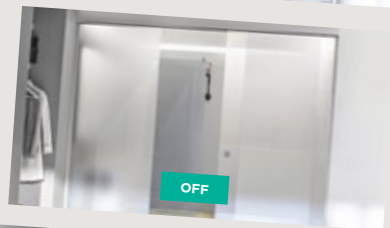
## PRIVA-LITE CLIMAPLUS/CLIMATOP

Privacy glass for external windows and facades..



## HOMES

Instant privacy for the kitchen and bathroom sliding doors and partitions.



**SAINT-GOBAIN  
BUILDING GLASS**

"Ready to create  
a wow effect?"



Your distributor:



STEEL GLASS BALUSTRADE

