

# Liquid CRYSTAL WINDOW TECHNOLOGY

PRIVACY MODE  
FOR INTERIOR APPLICATIONS



## LCW PRIVACY GLAZING FOR INTERIOR USE

Private or really clear – you choose. LCW privacy glazing gives the ability to switch between opaque and transparent in an instant.

The ability to be able to see without haze or not to be seen is the principle that makes licrivision™ an ideal visual protection. It is suitable for personal and professional environments – glassed-in

conference rooms, offices or see-through bathrooms at home or in a hotel. Licrivision™ combines highest privacy protection with ideal transparency for many applications.

## PRODUCT SPECIFICATIONS

### Benefits

- Exceptional clear state, minimal residual haze when viewing at all angles
- Switches between clear and private in less than 1 second
- Design freedom, multiple shapes possible
- Up to 3.5 meter maximum size available
- Cost effective

### Application

- LCW privacy has been designed for interior application. An exterior version will be available soon (enquire for details).
- LCW privacy is designed for interior partitions and even frameless installations are an option.
- LCW privacy can be applied for homes, office buildings, governmental buildings, hotels, banks as well as hospitals. It can be employed in meeting rooms, bathrooms,

security screens, operating rooms, promotional features and many more.

### Liquid Crystal Window sizes:

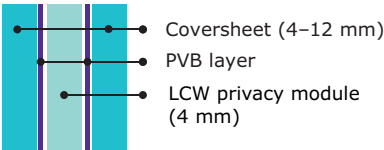
min. 405 x 410 mm  
max. 1600 x 3505 mm

### Glass thickness:

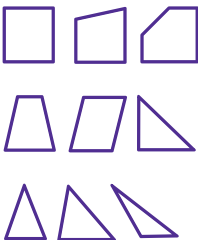
LCW privacy module: 4 mm up to a size of 2.6 m, 8 mm above 2.6 m  
Cover sheet: 4–8 mm

### Switching speed:

< 1 sec.



### Shapes:



Various shapes like trapezoids, parallelograms and triangles are possible.

## TECHNICAL VALUES

	T <sub>Vis</sub> clear	T <sub>Vis</sub> opaque	haze clear	haze opaque	R <sub>a</sub> clear	R <sub>a</sub> opaque
Licrivision™ privacy	85	75	<4 %	>95 %	97	97



ELECTRICAL SPECIFICATIONS

Energy consumption	< 10 W/m²
Window controller	48 Vac, on-off
Glas connection	Each glass has a 30 cm pigtail plug and play IPX 67 water resistant connection.

NORMS

Tests performed according to Visual defects bulletin	EN ISO 12543-4 Laminated glass and laminated safety glass According to “Guidelines to assess the visible quality of glass in buildings” and “Guidelines for assessing the visual quality for systems in multiple-sheet insulating glass” issued by Bundesverband Flachglas e.V.
Safety requirements	TRAV Category C Pendulum test passed (acc. to EN 12600)

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