

ENJOY THE BENEFITS OF NATURAL DAYLIGHT AND SOCIAL CONNECTION

eyrise® i350 Invisible Privacy Glazing installed in functional partition walls provides new possibilities in laboratory design.

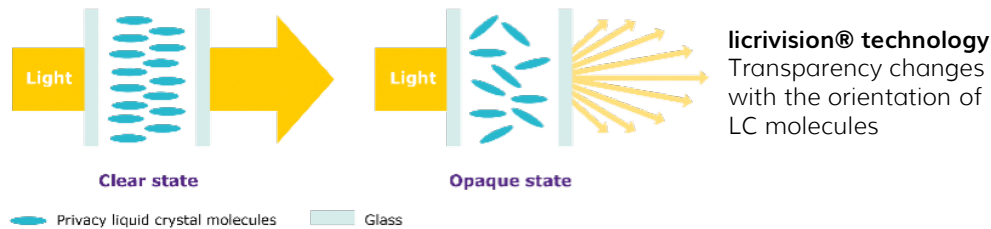
In its transparent state, the glass enables people to enjoy a greater sense of space, a visual connection to their colleagues and all the health benefits derived from natural daylight.

When privacy or freedom from distraction is required, for work of a confidential or an intricate nature, the glass switches instantly into a translucent state via an app or a simple switch, providing scientists with flexible control of their working environment.

eyrise® privacy glass resolves the conflicting and intermittent needs for a light, bright space, a visual connection to people and for privacy and confidentiality.

UNIQUE TRANSPARENCY IN ALL DIRECTIONS

eyrise® i350 Invisible Privacy Glazing is truly transparent, providing instant switching between clear and privacy states in less than one second, using seamless integration of advanced liquid crystal Licrivision® technology. Liquid crystal (LC) molecules are embedded between two glass sheets, coated with a transparent conductive oxide and change their orientation when a low voltage is applied to regulate the passage of light and the transparency of glass.



EASY TO INSTALL

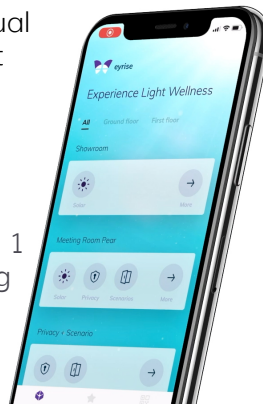
eyrise® i350 fits into standard window framing; requiring a simple set up with plug-and-play control.

EASY TO CLEAN AND MAINTAIN

eyrise® i350 solution does not need any additional mechanical parts, which reduces the risk of breakdown and technical support. eyrise® glazing only requires usual glass cleaning to uphold hygiene standards and will not incur additional time nor cost for maintenance.

EASY TO CONTROL

eyrise® i350 Invisible Privacy Glazing switches states in 1 second using a simple switch, a remote control, Building Management System (BMS) or mobile device.



TECHNICAL INFORMATION

Glass sizes: min. 413 x 413 mm (16.2 x 16.2 in)
 max. 1508 x 2904 mm (59.3 x 114.3 in)

Glass shapes: Rectangular

Switching speed: 1 second for transition between fully transparent and fully translucent states

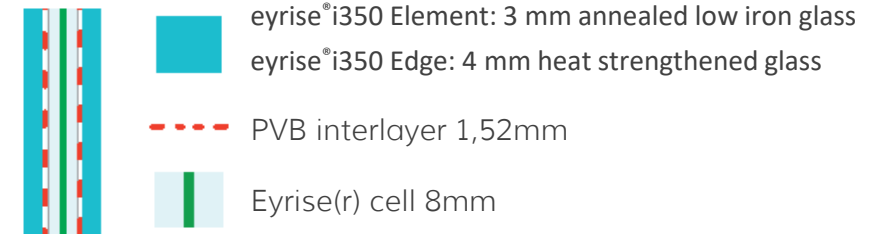
TWO VERSIONS AVAILABLE:

eyrise®i350 Element
for frames supporting on 4 sides
Thickness: 17 mm (0.67 in)
Weight: 38 kg/m²

eyrise®i350 Edge
for frames supporting on 2 sides
Thickness: 19 mm (0.75 in)
Weight: 43 kg/m²

BUILD UP

eyrise® i350 Invisible Privacy Glazing is a laminated glass unit consisting of a single eyrise® cell embedded between two layers of PVB and cover sheet glass.



CE Certification - EN 14449: 2005 Glass in building - Laminated glass and laminated safety glass / EN 12600: 2002 Glass in building. Pendulum test. Class: 1(B)1 / IEC 61000: Electromagnetic compatibility EMC. **Glass visual quality.** 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.