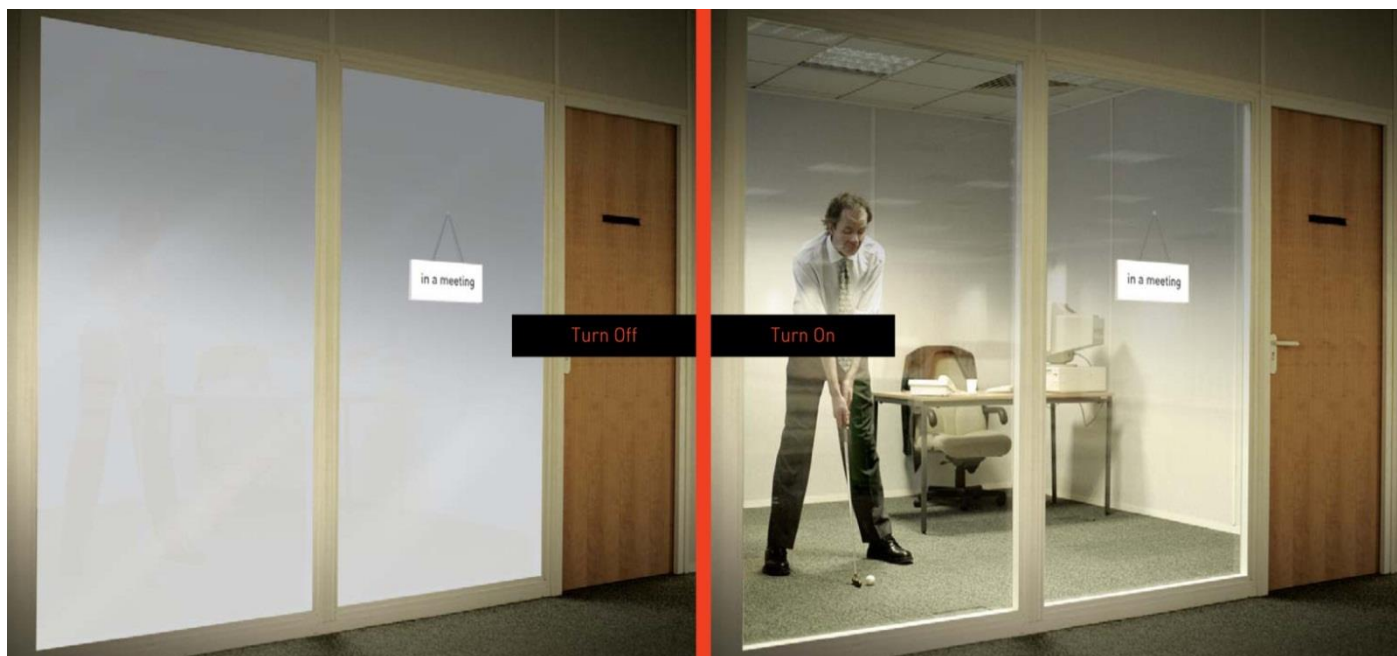




Proud Distributor of
DMDisplay., Co Ltd Korea

The World No.1 PDLC Film
[Switchable Film & Glass Specialist]





About us

Supply Singapore & South-East Asia with a high quality PD-LC product with complete technical solution. Application of our product for any usage.

Innovation

A constant investment on R&D from our supplier able us to supply various functional films and glasses with diverse transparency, colors, anti-scratch properties and energy saving feature to customer.

Customized Service

Privacy Solution Incorporation Pte Ltd, provides wide range of technical solutions to our customer's requirement. With our technical expertise, we promise to support our customer in meeting their design needs.

Lead Time

The importance of lead time ensure the success of a project. We believe in meeting the project needs with a short lead time of 4 weeks for SF film [Self Adhesive Film] and 5 weeks for MG [Magic Glass] product.

Retail Application

SF [Self-adhesive film] is popular for advertising purpose for shops.



Pattern

36 channels to program for panorama
pattern attract public
eyes. Makes Brand
Identity.



Advertising

Work with all kinds of high illumines projector with reverse
projection capabilities. Our product also integrate well with
other technologies (i.e. interactive film & interactive projector)

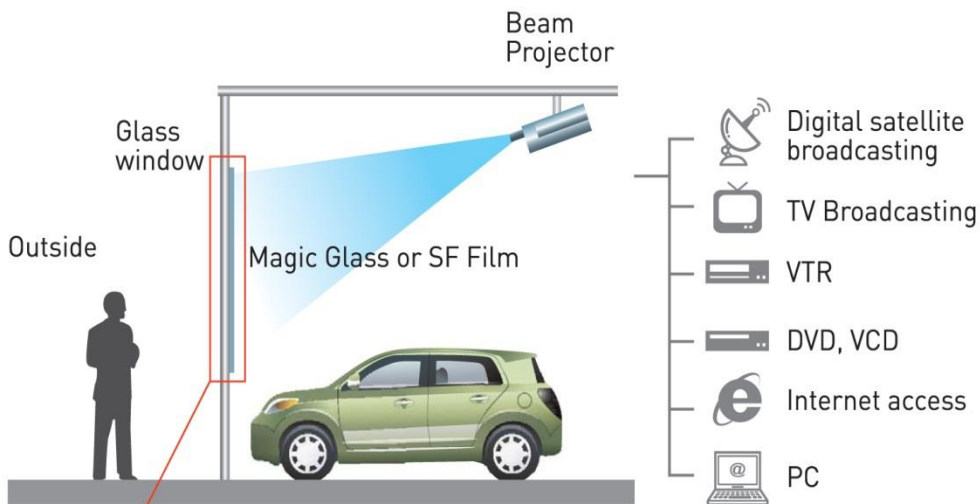
Showroom Application

SF [Self-adhesive film] and Magic Glass are popular for advertising purpose in showrooms.



Advertising

Various showroom have used SF & MG as large projection screen to advertise their product with flexibilities in changing the content attracting public attention.



Day - Transparent mode for seeing through inside a store

Night - Opaque mode for Advertising

Typical Setup

Advertising even after office hours

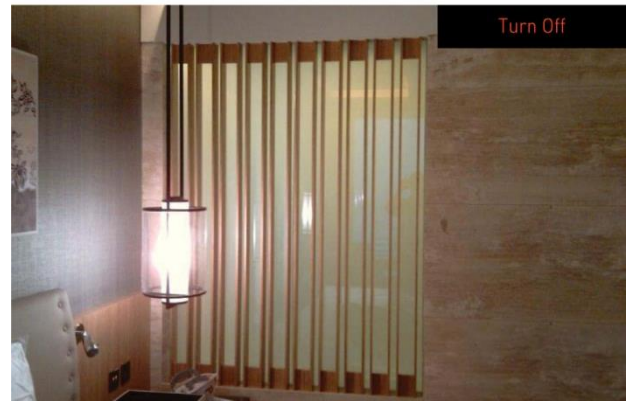
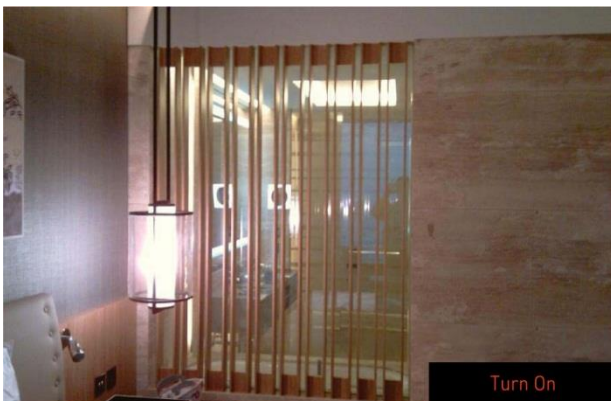
Residential Application

Magic Glass [Laminated Glass] is popular for privacy use, with solar properties.



Privacy

Wireless remote on/ off to replace the use of window blinds & curtains.



Privacy

Popularity of using glass as separation within two space. Our product provide the option to frost out when privacy is required. Commonly used in high class & boutique hotels

Other Application

SF [Self-adhesive film] and Magic Glass are popular innovative use.



Technology Integration

Incorporate with motion sensor to create innovation design.



Alternative Privacy

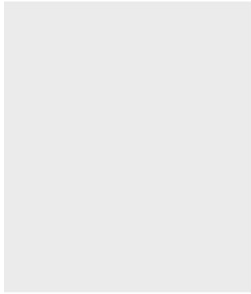
Create privacy where you desire

Popular Usage

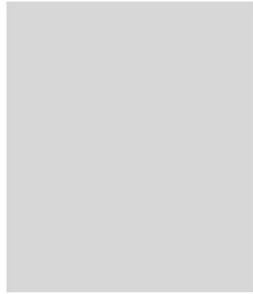
Privacy/ Security/ Glass partition/
Glass doors/ Automobile window/
Presentation screen/ Furniture/ Sky
lights/ Sun room/ Electronic blinds/
window display/

Product Specification

Magic Glass [Laminated Glass] &
SF Film [Self-adhesive Film]



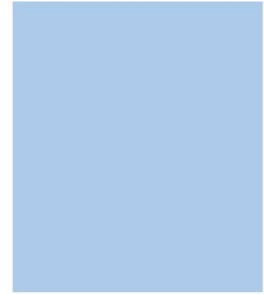
Milky White



Light Gray



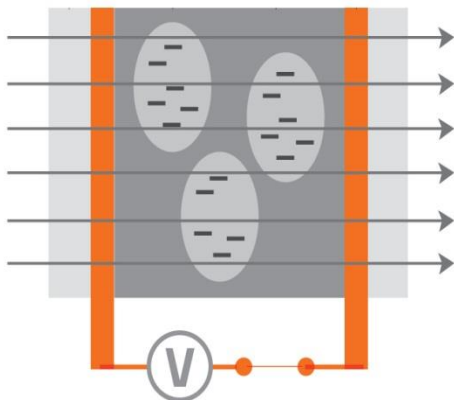
Dark Gray



Light Blue

Available Colors

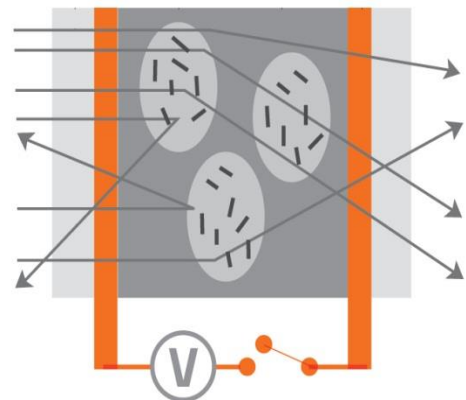
Our product is the only PD-LC product in the world that is available in various colors.



Power ON

ON

When electrical supply is available, liquid crystal molecules align themselves in order allowing lights to pass through.



Power OFF

OFF

When electrical supply is switch off, liquid crystal molecules are randomly orientated, restricting lights from passing through.

Power Consumption

- Low power consumption 6-7 W/ metre²
- VS**
- One Fluorescent lamp consume 36W/ unit



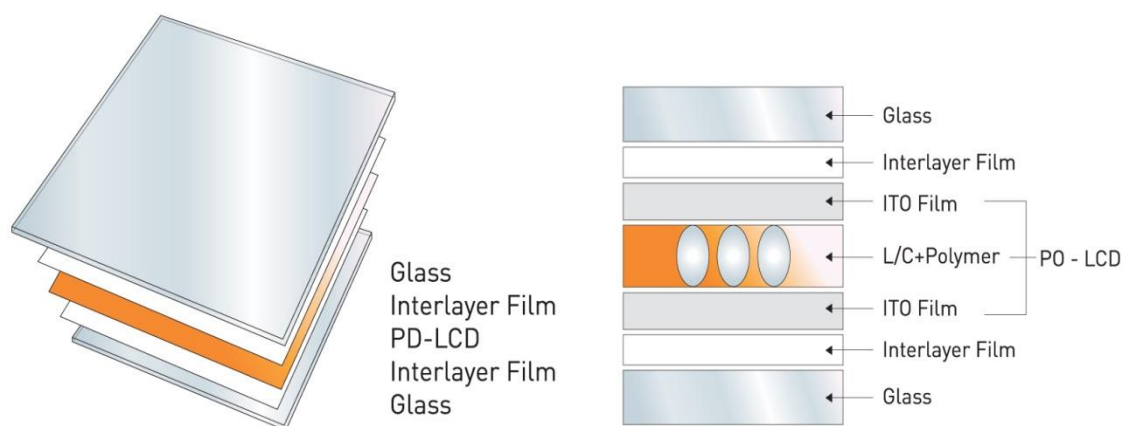
Product Specification

Magic Glass [Laminated Glass] &
SF Film [Self-adhesive Film]

| Description | Magic Film / Magic SF | Magic Glass |
|------------------------------|----------------------------------------------------------------------------------|-----------------------|
| Thickness | 0.5mm | 6.5mm, 10.5mm, 12.5mm |
| Operation Mode | Power On: Transparent / Power Off: Opaque | |
| Maximum Size | 1,200mm(width) X 3,000mm(length) | |
| UV Block | More than 99% | |
| Operating Temperature | -20℃ ~ 60℃ (-4°F ~ 140°F) | |
| Parallel Light Transmittance | 78 ± 2% (On) / 9 ± 1% (Off) | |
| Sunlight Transmittance | 80 ± 2% (On) / 60 ± 3% (Off) | |
| Haze | 5 ± 1% (On) / 92 ± 2% (Off) | |
| Operating Voltage | 100~110VAC | |
| Frequency Range | 50 ~ 60Hz | |
| Power Consumption | About 7W per sqm | |
| Switching Speed | Less than 1 second Off → On : 100 milliseconds On → Off : 400 milliseconds | |

Technical specification

Our product is supported with remote control

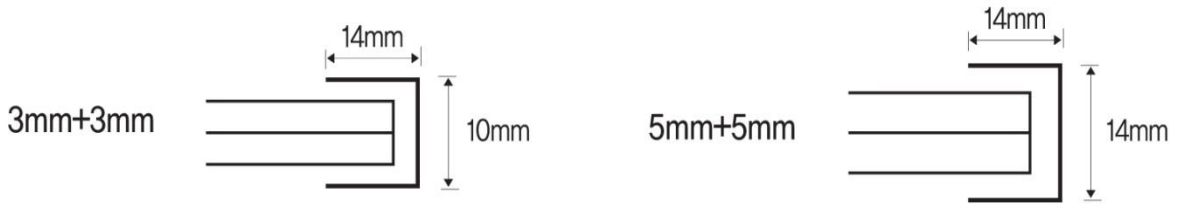


Magic Glass Structure

Magic Glass is a switchable glass that feature two planes of glass with PD-LCD layer laminated within. This laminated structure gives Magic Glass immense strength preventing damage to the switchable layer.

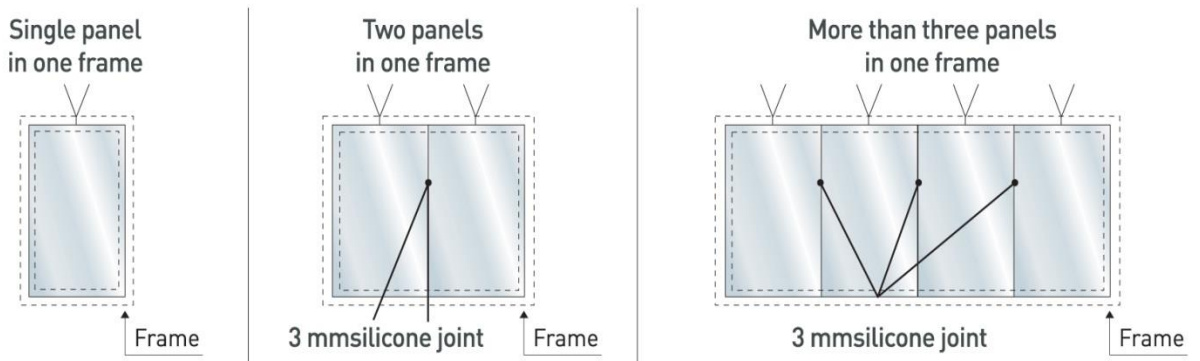
Product Specification

Magic Glass [Laminated Glass] &
SF Film [Self-adhesive Film]



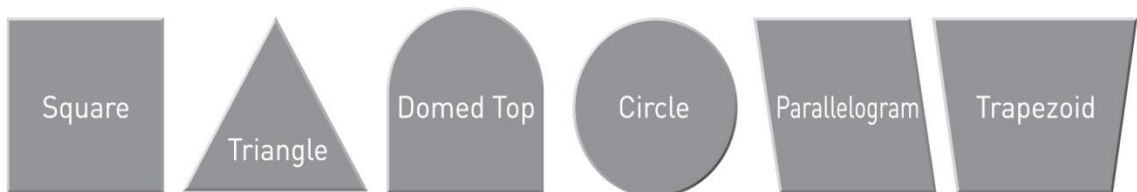
Technical Detail

Magic Glass comes in various thickness to support different application.



SF Film & Magic Glass Size

Maximum width is limited to 1200mm,
with a maximum length of 3000mm.



Available Shape

Our product is flexible to create in different shape.