



OFF



ON

# Privacy Partition

**>99%**  
Uv Block

**5W/m<sup>2</sup>**  
Low-Power



## High-strength aluminum alloy

Adopting high-strength aluminum alloy door frame, combined with hidden hinge design.



## Space partition

Replace thick studded walls with thin partitions or section open floor plans with minimalist solutions.



## Transparent switching

The built-in PLCD film can switch between transparent and atomized states, achieving privacy protection and natural lighting.



## Isolate noise

Compared with ordinary glass, the anti-noiseability of glass using Filmbase PDLc film is increased by 20%.



## Safe and durable

It has excellent insulation, sound insulation, waterproofing, and windproof performance, while also considering safety and durability.

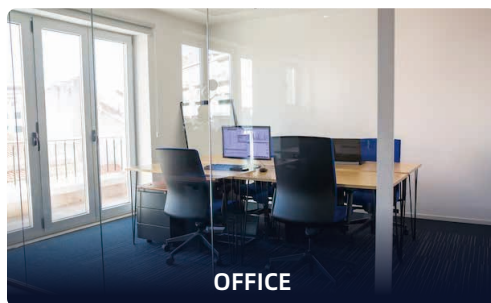


## Easy to clean

Eliminate fabric or electronic curtains that are hard to clean and collect germs while affecting designs.



MEETING ROOM



OFFICE



PARTITION

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Product Parameters

Products	Standard glass	Door frame color
83-Panoramic Partition	5+5 (84 Ultra White with accessories)	Gray, Black

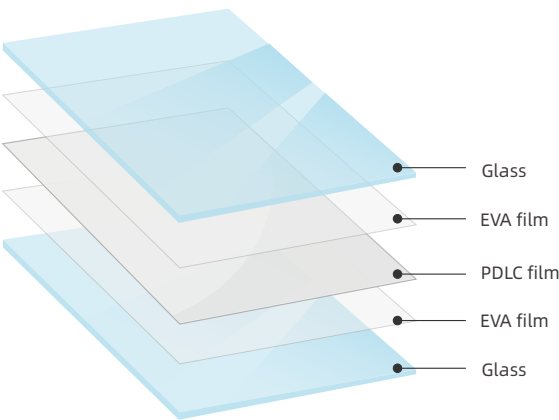
Detailed parameters

Material wall thickness: 2.0mm  
Frame width 83mm, module width within 1500mm, wall height within 3500mm.

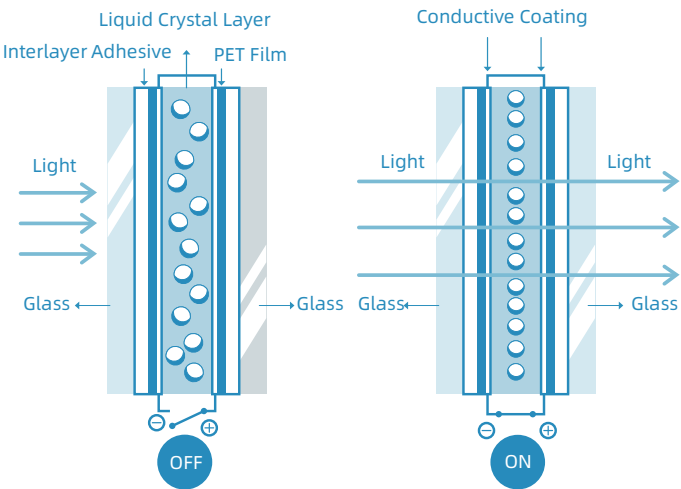
Optical Parameter

Items	ON/OFF		Test Methods/Standards
Operating voltage	ON	60V	Multimeter/Voltage Regulator,WGW
Power consumption	ON	≤ 5W/m <sup>2</sup>	Multi-parameter electric measuring instrument
Viewing angle	ON	≥ 160°	Visual Inspection
Uv blocking rate	OFF	≥ 99%	Optical teansmittance tester
Infrared blocking rate	OFF	≥ 60%	
Response time	OFF→ON	≤ 30 ms	Liquid crystal parameter integrated tester
	ON→OFF	≤ 200 ms	
Operating temperature	--	-30°C ~ 85°C	constant temperature and humidity testing machine
Life-span	--	100000 Hours	GB18910.5-2008
Switching times	--	≥ 2 million times	Self-made on/off tester

Structural



Technical Principles



PDLC Film

Note: Color and thickness do not represent the actual situation,only for the convenience of illustration.

