



OFF



ON

Privacy Partition

>99%
Uv Block

5W/m²
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

Shenzhen Filmbase Technology Co., Ltd.

Email: info@filmbase.cn **Tel:** +86-755-2850-5346

Address: 31F 3A Building, Smart Park, Baolong street, Longgang district, Shenzhen, China



Product Parameters

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

Detailed parameters

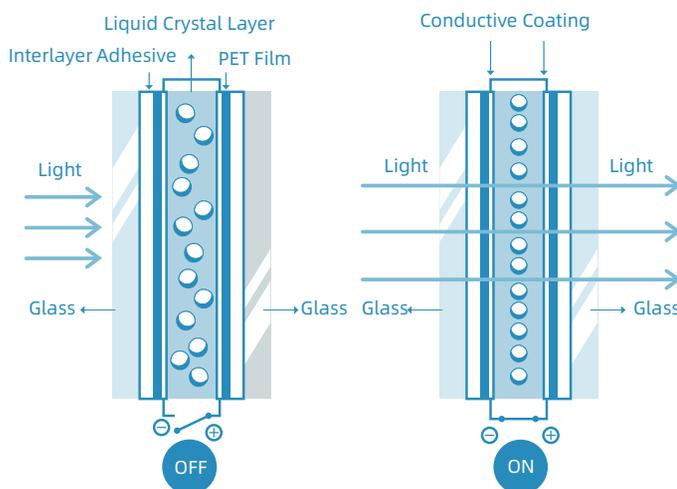
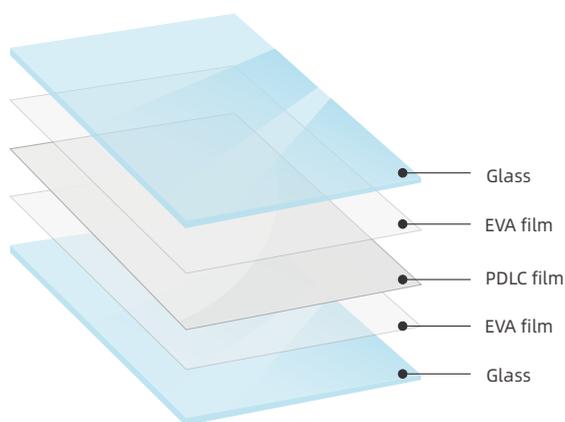
Material wall thickness: 2.0mm
 Frame width 83mm, module width within 1500mm, wall height within 3500mm.

Optical Parameter

Items	ON/OFF		Test Methods/Standards
Operating voltage	ON	60V	Multimeter/Voltage Regulator,WGW
Power consumption	ON	≤ 5W/m ²	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



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

PDLC Film

