

OFF



ON

FILMBASE Limited edition

>99%
Uv Block

5W/m²
Low-Power

Key Features



Dynamic
Privacy



Environmental
protection



Space
partition



Touch screen
and projection



Security



Heat-resistant
and anti-scratch

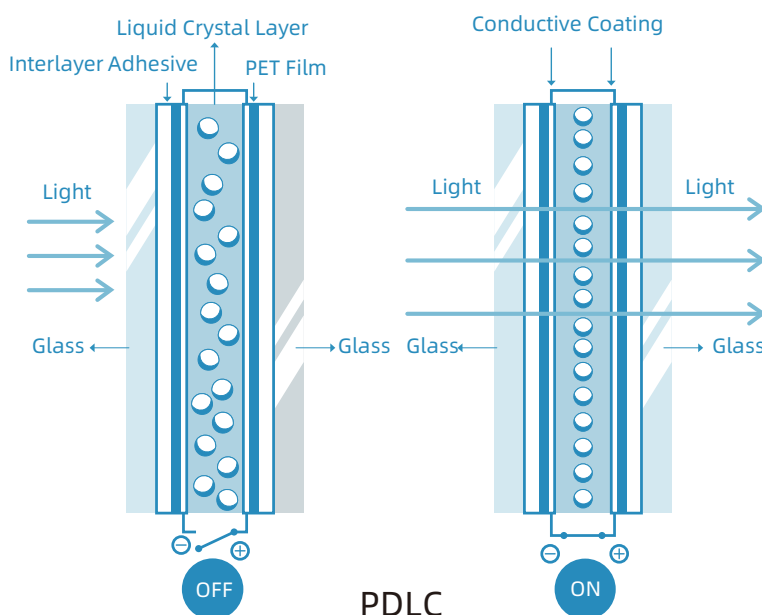


Anti-noise

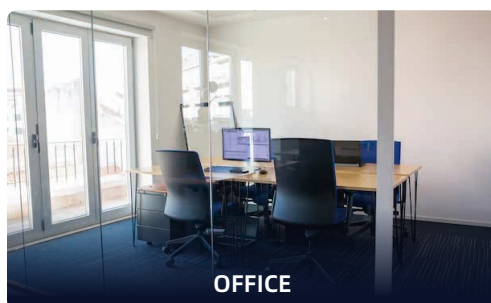


Various
control methods

Technical Principles



MEETING ROOM



OFFICE



PARTITION

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Specifications

Total Thickness	Adhesive PDLC film	0.47mm
	Laminated PDLC film	0.38mm
Cut to Sheet	Length	1800(mm)
	Width	1200(mm)
Roll internal diameter		6inches
Cartoon Size(Sheet)		1450x390x390
CBM		0.221
Weight(KGS)		16.7

Optical Parameter

Items	ON/OFF		Test Methods/Standards
Operating voltage	ON	60V	Multimeter/Voltage Regulator,WGW
Power consumption	ON	≤ 5W/m²	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℃ ~ 85℃	constant temperature and humidity testing machine
Life-span	--	100000 Hours	GB18910.5-2008
Switching times	--	≥ 2 million times	Self-made on/off tester

Product Transparency / Haze

Items	Full light tester				Parallel light tester	
	ON/OFF	Haze	Full light transmittance	b value	45° light	Parallel light
Adhesive PDLC film	OFF	94.5	78.0	6.95	/	/
	ON	4.53	84.0	4.71	58.0	86.0
Laminated PDLC film	OFF	94.5	78.0	5.90	/	/
	ON	4.53	84.0	3.72	58.0	86.0

Structural

