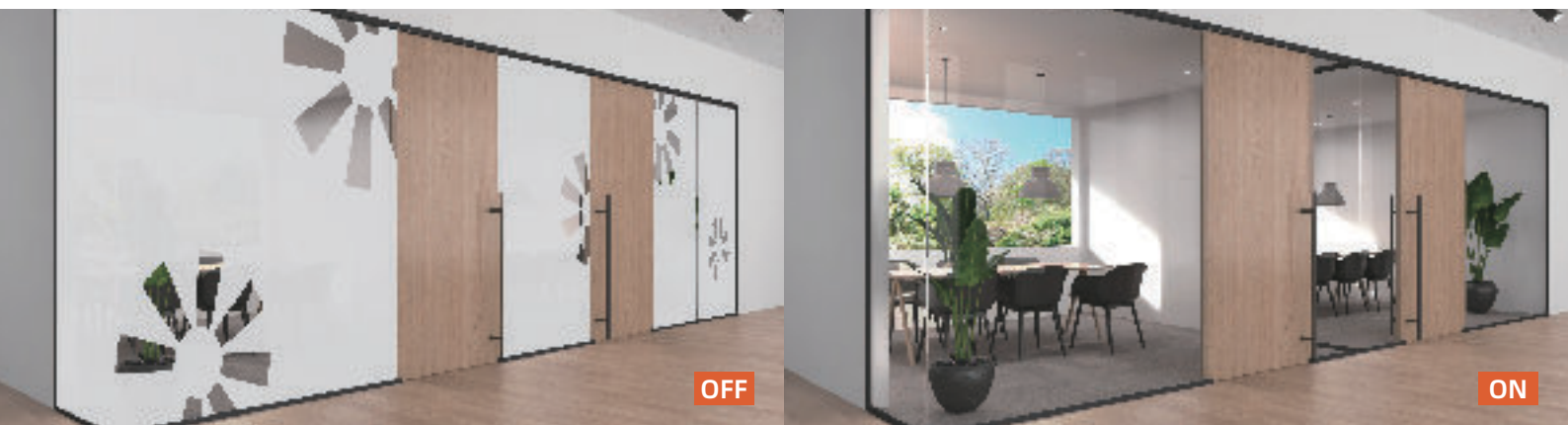




FILMBASE Limited edition

>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

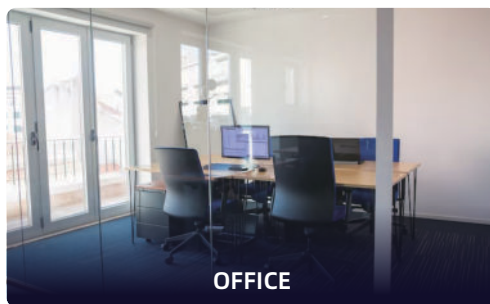
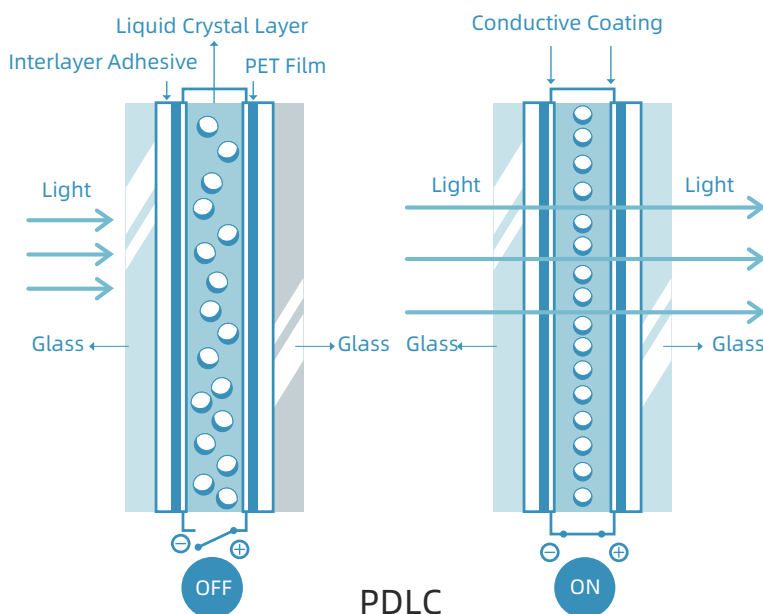


Anti-noise



Various
control methods

Technical Principles



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

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



Size

Items			
Adhesive PDLC film	Total Thickness		0.47mm
	Cut to Sheet	Width	less than1500
		Length	less than1500
Laminated PDLC film	Total Thickness		0.38mm
	Cut to Sheet	Width	less than1500
		Length	less than1500

Optical Parameter

Items	ON/OFF		Test Methods/Standards
Operating voltage	ON	60V	Multimeter/Voltage Regulator,WGW
Power consumption	ON	$\leq 5W/m^2$	Multi-parameter electric measuring instrument
Viewing angle	ON	$\geq 160^\circ$	Visual Inspection
Uv blocking rate	OFF	$\geq 99\%$	Optical transmittance tester
Infrared blocking rate	OFF	$\geq 60\%$	
Response time	OFF→ON	$\leq 30\text{ ms}$	Liquid crystal parameter integrated tester
	ON→OFF	$\leq 200\text{ ms}$	
Operating temperature	--	$-30^\circ\text{C} \sim 50^\circ\text{C}$	constant temperature and humidity testing machine
Life-span	--	100000 Hours	GB18910.5-2008
Switching times	--	$\geq 2\text{ million times}$	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	88.0	4.71	58.0	86.0
Laminated PDLC film	OFF	94.5	78.0	5.90	/	/
	ON	4.53	88.0	3.72	58.0	86.0

Structural

