



FILMBASE Auto Smart Film

>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

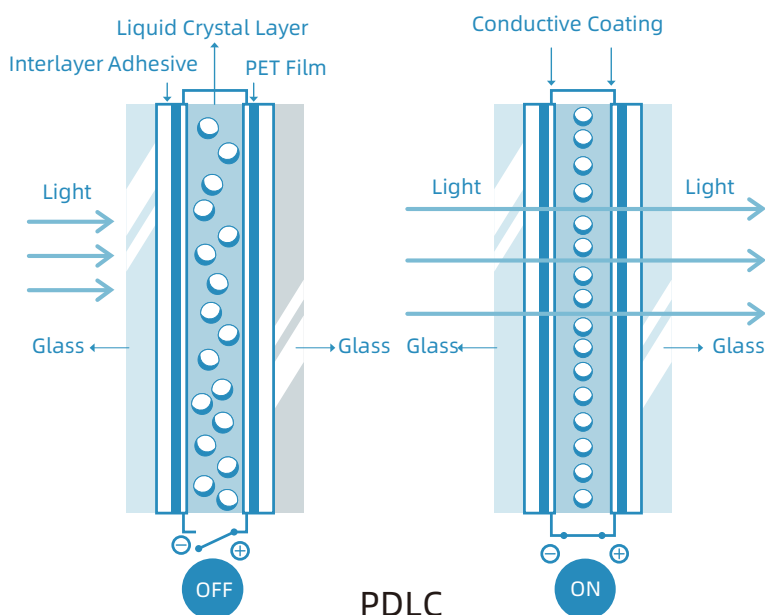


Anti-noise



Various control methods

Technical Principles



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Specifications

Thickness	Total thickness (without protective film)	0.13mm
	PDLC	0.12mm
	Silica gel	0.01mm
	PE protective film	130μm
	PET release film	50μm
Sheet	Width	1200,1500mm
	Length	According to customer requirements
Roll	Width	1250,1500mm
	Length	≤50m/Roll
Roll tube	Inner Diameter	6 inches

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	≥ 82%	
Response time	OFF→ON	≤ 30 ms	Liquid crystal parameter integrated tester
	ON→OFF	≤ 200 ms	
Operating temperature	--	-30℃ ~ 95℃	constant temperature and humidity testing machine
Life-span	--	100000 Hours	GB18910.5-2008
Switching times	--	≥ 100 ten thousand 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
/	OFF	94.5	51.19	5.24	/	/
	ON	4.53	56.43	3.20	38.4	55.26

Structural

