











FILMBASE Colorful
 Gray/Black/Blue/Green/Orange/Red

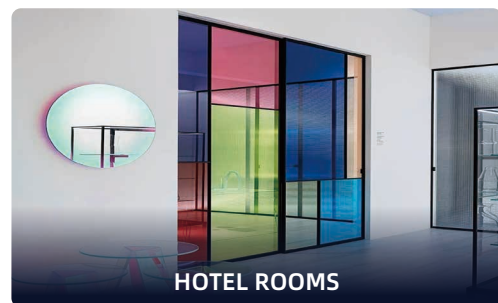
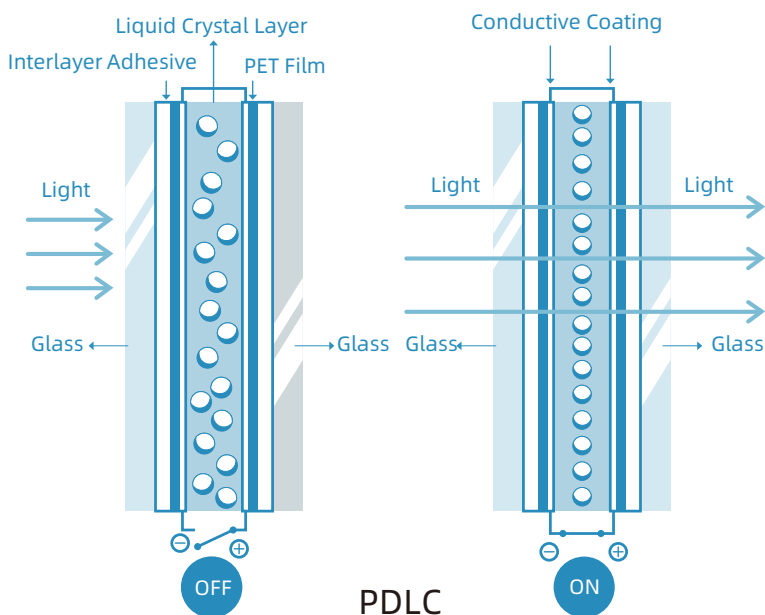
>99%
Uv Block

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

Gray adhesive PDLC film	Total Thickness	0.47mm	
	Cut to Sheet	Width	100-1800(mm)
		Length	100-50000(mm)
	Roll	Width	1200,1500,1800(mm)
		Length	30meters /50meters
Roll tube	Inner Diameter	6 inches	
Gray laminated PDLC film	Total Thickness	0.38mm	
	Cut to Sheet	Width	100-1800(mm)
		Length	100-50000(mm)
	Roll	Width	1200,1500,1800(mm)
		Length	30meters /50meters
Roll tube	Inner Diameter	6 inches	
Other colors adhesive PDLC film (black,blue,green,orange,red)	Total Thickness	0.54mm	
	Cut to Sheet	Width	100-1500(mm)
		Length	100-50000(mm)
	Roll	Width	1500(mm)
		Length	30meters /50meters
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/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	≤ 200 ms	Liquid crystal parameter integrated tester
	ON→OFF	≤ 220 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

