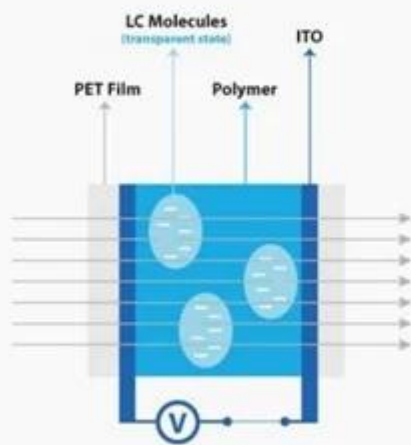


□□□□□□ **PDLC** □□□□ □□□□ □□□□□□□□:

[illegible]

How it works?



Power OFF : As liquid crystal molecules are randomly orientated, restricting lights from passing through.

Smart PDLC film insulated glass Physical parameter	
Shape	Flat or curved
Measure	Customized size (Max:2000mm~3500mm Mini:180mm~350mm) Minimum radius:500mm Max length of arc 1350mm(R<1200, H<2370) 2400mm(R>1200) 3600mm(R>1200 H<2370)
Thickness	Smart laminated Glass(STG) thickness: 4+4mm, 5+5mm, 6+6mm, 8+8mm , 12+12mm smart insulated glass thickness: 5+9A+8mm STG, 8+ 12A+8STG, 10+12A+10STG, 12+12A+12STG, 12+12 A+16STG, etc.
Glass type	Double layer laminated insulated glass, Triple layer smart laminated insulated glass, triple glazed smart glass panels, and so on
Aluminum Spacer Width	6,9,12,16mm (1/4", 11/32", 1/2", 5/8")
Original glass	clear float glass & low iron float glass, power on is clear
Processing type	insulated, hot bent/ bending, tempering, back-paint, screen printing, wiring , digital printing, coating, laser engraving, etc
Deep processed	cut to size, drilling holes, notch/ cutout
Control way	Remote control, voice control , Phone-app control,etc

PDLC Smart Glass parameters			
Item		model	parameters
Optical parameter	Visible light transmittance	power on	≥82%
		power off	≥55%
	Fog degree	power on	≤4%
		power off	≥95%
	viewing angle of screen	power on	≥150°
	Uv isolation rate	power on/ power off	≥98%
Electrical parameter	Working/Operating voltage	power on	60V AC
	Response/Switching time	OFF-ON	≤45ms
		OFF-ON	≤45ms
	Power Consumption	power on	≤5W/M ²
	Thickness	PDLC film thickness	0.38mm
Enviromental parameter	Operating temperature		-30°C~60°C
	Storage temperature		-40°C~ 70°C
working life		power on	>15year,quality guarantee 2 years
on-off times			≥100 ten thousand times

1. 本公司生产的 PDLC 智能玻璃产品，采用进口优质材料，工艺精湛，性能卓越，广泛应用于建筑、交通、工业等领域。

2. 本公司生产的 PDLC 智能玻璃产品，具有优异的透光率、隔热性能、防紫外线性能等，能够有效降低能耗，提高室内舒适度。

3. 本公司生产的 PDLC 智能玻璃产品，具有优异的耐候性、耐腐蚀性、抗冲击性能等，能够有效延长使用寿命，降低维护成本。

