



Angaza 091

Smart Film

90%-92%
Highest transmittance

<3%
Haze

Key Features



Dynamic Privacy



Environmental protection



Space partition



Touch screen and projection



Security



Heat-resistant and anti-scratch

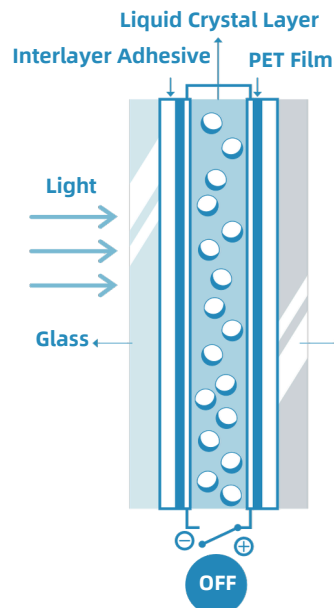


Anti-noise

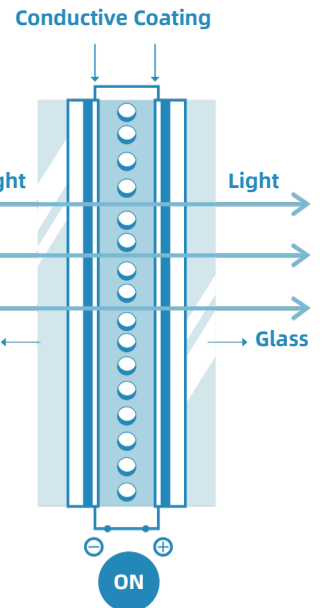


Various control methods

Technical Principles



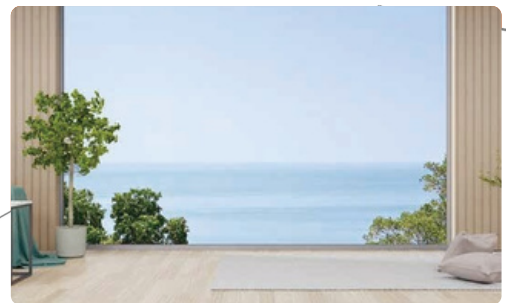
PDLC



RESEARCH ORGANIZATION



LUXURY VILLA



SEAVIEW ROOM

Specifications

Total Thickness	Adhesive PDLC film	0.47mm		
	Laminated PDLC film	0.38mm		
Cut to Sheet Length	100-50000(mm)			
Roll compriment Roll	30meters /50meters			
internal diameter	6inches			
Detailed dimensions	Cut to Sheet width	Cartoon Size	CBM	Weight(KGS)
Roll	800	1050x390x390	0.160	43
	1000	1250x390x390	0.190	52
	1200	1450x390x390	0.221	64
	1400	1650x390x390	0.251	68
	1500	1750x390x390	0.266	74
	1800	2100x390x390	0.319	84

Optical Parameter

Items	ON/OFF		Test Methods/Standards
Operating voltage	ON	ON	60V
Power consumption	ON	OFF	≤ 5W/m ²
Viewing angle	OFF		≥ 160°
Uv blocking rate	OFF→O		≥ 99%
Infrared blocking rate	N		≥ 60%
Response time	ON→OF		≤ 30 ms
	F		≤ 200 ms
Operating temperature	--		-30°C ~ 85°C
Life-span	--		100000 Hours
Switching times	--		≥ 2 million times

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	85.0	7.57	/	/
	ON	3.00	91.0	5.29	60.0	88.0
Laminated PDLC film	OFF	94.5	85.0	6.79	/	/
	ON	3.00	91.0	4.31	60.0	88.0

Structural

