

PDLC dimming glass parameters

Basic parameters of smart membrane material :

Project		Pattern	Parameter
Optical parameters	Visible light transmittance	Set up an electric circuit (ON)	$\geq 82\%$
		Interrupt (OFF)	$\geq 4\%$
	Fog level	Set up an electric circuit (ON)	$\leq 4\%$
		Interrupt (OFF)	$\geq 94\%$
	View Angle	Set up an electric circuit (ON)	$\geq 160^\circ$
	Ultraviolet dielectric constant	Power on (ON)/ Power off (OFF)	$\geq 99\%$
	Infrared blocking	Power on (ON)/Power off (OFF)	$\geq 60\%$
Electrical parameters	Working voltage	Set up an electric circuit (ON)	60V AC
	Response time	Power-off/ power-on (OFF-ON)	≤ 20 ms
		Power on- power off (ON-OFF)	≤ 200 ms
Power dissipation	Set up an electric circuit (ON)	$\leq 8W/M^2$	

	Thickness	Lighting film thickness	0.38 mm
Environment Parameter	Bonding properties		7 grams per square centimeter
	Working temperature		-30° C~50° C
	Storage temperature		-30° C~70° C
Life length		Set up an electric circuit (ON)	More than 15 years, two years warranty
Number of switches			More than 1 million times
Control method:	Manual switch, remote control, voice control, remote and so on, can be combined according to customer requirements		