

Innovative Future PDLC Film Operate Japanese Optical PET

Switchable PDLC Film Specification

Product Description		Ultra-thin Film(water paste)		Super Transparent Type ST-JP	High Transparent Type HT-JP		High Transparent Type HT-CN			
Working Voltage		65V	65V	65V	65V		65V			
Operation Model	Power On	Transparent	Transparent	Transparent	Transparent		Transparent			
	Power Off	Opaque	Opaque	Opaque	Opaque		Opaque			
Specification	Available Color	Milky white	Grey	Milky White	Milky white	Dark Grey	Milky white	Dark Grey	Black	
	Transmittance of Visible Light (Power On)	86%	50%	89%	86%	47%	84%	45%	35%	
	Transmittance of Parallel Light * (Power On)	83%	47%	86%	82%	43%	79%	40%	30%	
	Transmittance of Parallel Light *(Power Off)	4%	4%	4%	4%	4%	4%	4%	4%	
	Haze(On Model)	2-3%	2-3%	2-3%	3-4%	3-4%	4-5%	4-5%	4-5%	
	View Angle	About 165 Degree		About 165 Degree	About 145 Degree					
	Maxmium Size	Roll size:1.5*50m	Roll size:1.2*50m	Self-adhesive Film Roll Size:1*50meter,1.2*50meter 1.5*50meter 1.8*50meter(HT-CN HT-JP) Non-adhesive Film Roll Size:1*50meter 1.2*50meter 1.5*50meter 1.8*50meter 2*50meter(HT-CN HT-JP)						
	Thickness	0.12mm			0.4mm					
	Switch Time	Less than 1 second (Off > On: about 200milliseconds On > Off: about 600milliseconds)								
	Lifetime	More than 100000h (20years)								
Electrical	Operating Voltage	AC 65+-5V								
	Power Consumption	About 3.7W/SQM								
	Frenquency Rate	50-60Hz								
	Operating Temperature	Temperature:-20℃-80℃			Temperature:-20℃-67℃					
Green Material Function	UV Block	On Model/ Off Model>98%		Self-adhesive type:On Model/ Off Model>98% Non-adhesive Type:On Model>45% Off Model>98%						
	Infrared Block	On Model>17% Off Model>80%	On Model/ Off Model>98%	On Model>17% Off Model>80%						
	Dimmer Function	Yes								
	Projection Screen	Yes								
Warranty Period		Two year								

Transmittance of Parallel Light * :Test standard: ASTM D1003-61(1997) or GB2410-80;