

PDLC LAMINATED GLASS TECHNICAL SPECIFICATIONS

ELECTRICAL	TECHNICAL	OPTICAL
Working Voltage (ON): 48-60VAC Current Frequency: 50/60Hz	Glass Type: Low Iron (Heat Treated or Fully Tempered)	Visible Light Transmission (OFF): 88-91%
Power Consumption <0.5W/SF	Glass Color: Can be combined with color interlayers or a wide range of tinted glass to meet any requirement	Parallel Light Transmission (OFF): 80% Parallel Light Transmission (ON): 7%
Operating temperature: -10~60°C	Max Size 70 inch x 165 inch	Haze (ON): 99% Haze (OFF): 2.4%
Responding Time (OFF-ON): <200ms	Thickness 3/8 inch Thickness 1/2 inch Thickness 9/16 inch Weight ~5 lbs/sqft	UV Block: 99% /365nm-380nm
Responding Time (ON-OFF): <10ms	Shape: Any shape or curved including holes, notches and cut outs.	IR Block (ON): 20% IR Block (OFF): 80%
Switch Speed ON < 200 milliseconds	Sound transmission class (STC) ~ 37	SHGC (ON): 0.74% SHGC (OFF): 0.31%
Switch Speed OFF < 10 milliseconds	Lifespan (ON/OFF): > 2 Million Times	Light Transmission View Angle (ON): 170°