

TECHNICAL DATA OF SWITCHABLE FILM

FOR O-120-221

FEATURES	NAME OF FEATURES	DATA AND RESULTS
MODE AND APPEARANCE	Positive	Translucent (Power off)
		Transparent (Power on)
	Color	White/ Clear
	Thickness	0.120 mm
	Size	Flexible and up to 1.0m x 5.0m
OPTICAL PERFORMANCE	Transparency	> 83.0%
	Visible Light reflection Rate	< 2.5%
	Haze	< 5.0%
	Viewing Angle	> 160° at Clear Stage 360°C Viewable for Projection Viewing Angle Independent rightness for both side
ELECTRIC PERFORMANCE	Driving Voltage	65±5 V (AC, 50/60Hz, less than 1.0m x 2.5m)
	Current	0.2 (A/m ²)
	Energy Consumption	2.0 (Watt/m ²)
	Response Time	< 0.1 sec Starting Time < 0.1 sec Closing Time
PHYSICAL PERFORMANCE	Operation Temperature	-25°C to 65°C
	Storage Temperature	-30°C to 70°C
	Operational Lifetime	> 3,000,000 (Switching Times)

Remarks:

1. The above data were obtained with JIS K 7105 at ambient temperature 24 °C (Room)
2. Although the film has passed a high voltage test, for extending the operational lifetime of the film, the driving voltage should not go beyond 80V.
3. The above data are typical values. Due to continual research and development on the products, the data may change without notice.
4. We provide a one year warranty for satisfactory indoor performance and against defects in workmanship as well as on electric failure for unmodified products.