

SWITCHABLE SMART FILM (PDLC)

Installation	Oryx is to install into a designated and prepared area that is ready to take the smart film. A dedicated 220v power supply is required. A dedicated space is required for a 220/65 v Transformer (20cm x 20cm x10cm)		
Colour	Translucent White	Operating Voltage	AC/V 48
Work Layer Thickness	560 µm	Working Frequency	65 (50/60HZ)
Dimension	Up to 1800mm x 5000mm	Adhesion	90g/cm ² (Optically Clear Adhesive)
Visible Light Transmission	ON - 89%, OFF- >55%	Switching Speed (Electrical Response time)	≤200ms ON OFF, ≤10ms OFF - ON
Viewing Angle	140°	Power Consumption	ON, <5 W/m ²
Haze Coefficient	ON (Approx) 4.3%. OFF >96%	Working Temperature	-20°C ~ 65°C
UV Rejection	> 98%, ON / OFF	Expected Life Span	Over 5 Years (> 80,000 Hours)
ON / OFF Control	Wireless Remote Switch	Warranty	2 years
Operation Mode	ON – Translucent, OFF - Opaque		
Note	<p>The maximum size for each sheet of smart film is 1800mm x 5000mm. For glass panels exceeding these dimensions, there will be a visible joint line in the smart film.</p> <p>When the smart film is ON, the clarity of the glass will be slightly reduced.</p> <p>The hard-coated film will be supplied when the glazing/window panel is exposed to direct sunlight.</p>		