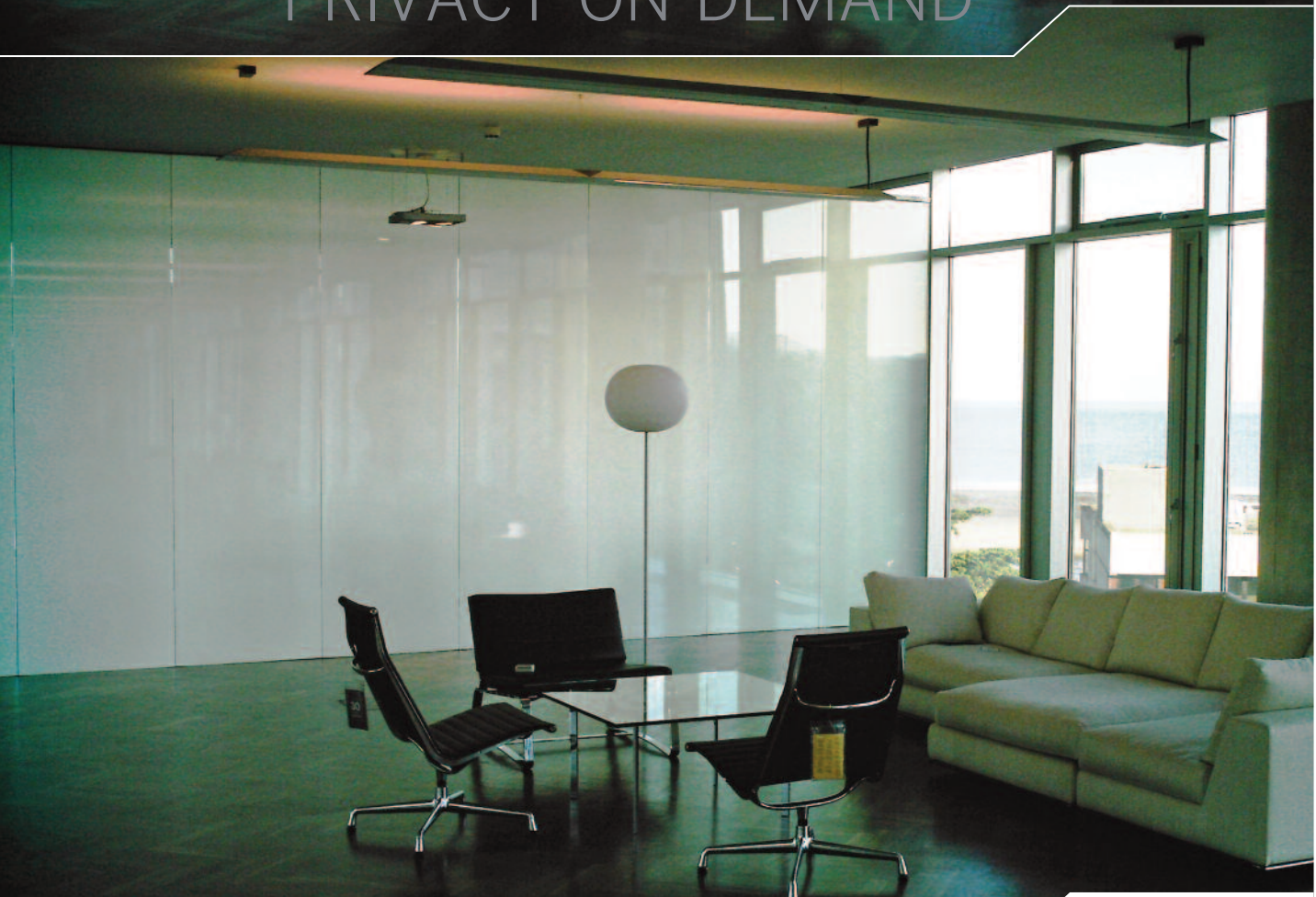
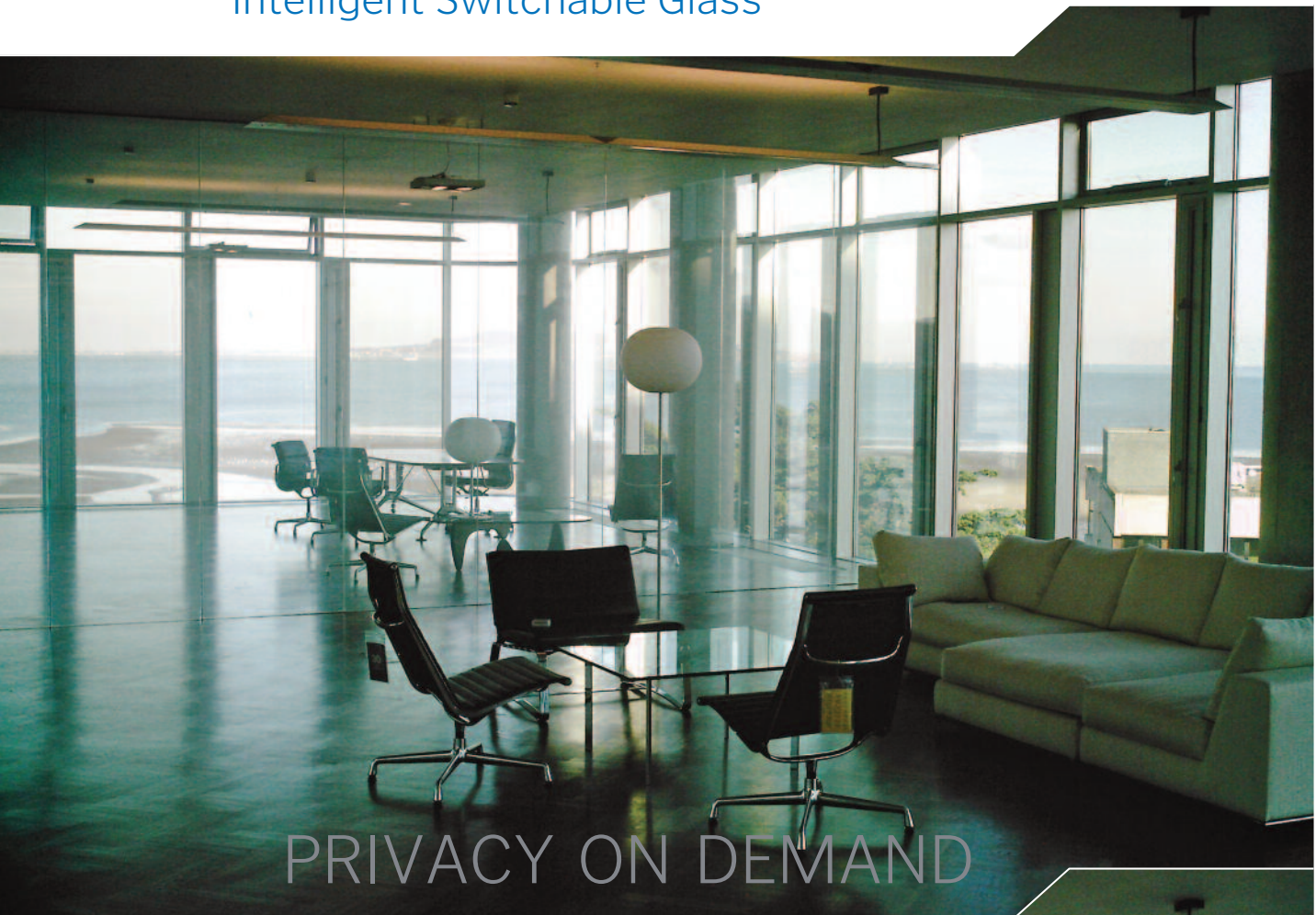




SmartGlass International

Intelligent Switchable Glass





SmartGlass International™

is a world leader in the design, manufacture and installation of switchable glass solutions for international architectural, commercial and residential projects.

Windows, rooflights, partition systems, teller screens and bespoke displays are only a few of the possible applications for SmartGlass technology. Our range of switchable architectural glass offers infinite Control, Privacy, Comfort and Security for the built environment.



LC SmartGlass™ can be intelligently controlled to provide instant privacy. Ideal for bathrooms, room dividers and free standing offices partitions.



Opening of the Royal Institute of Great Britain by Her Majesty The Queen

Features:

Privacy and security



Clear/Obscure



Light/Dark



Instant



Automatic/Remote Control



Environmental Control



Multimedia Projection



We offer a complete range of bespoke services, from consultancy to turnkey. Whatever the stage of your current or future projects, you should be talking to **SmartGlass International**



LC SmartGlass™

Incorporates liquid crystal polymer technology to create elegant intelligently controlled glazed screens. At the flick of a switch LC SmartGlass™ can be immediately changed from clear to frosted offering instant privacy whilst maintaining light transfer in both states. A unique feature of LC SmartGlass is it's ability to be used as a multimedia projection screen.

LC SmartGlass™ can be supplied in a comprehensive range of configurations from single to double glazed, curved, fire rated and safety glass. Standard sizes are available up to 1m wide x 2.8m high in a range of colours and glass types.

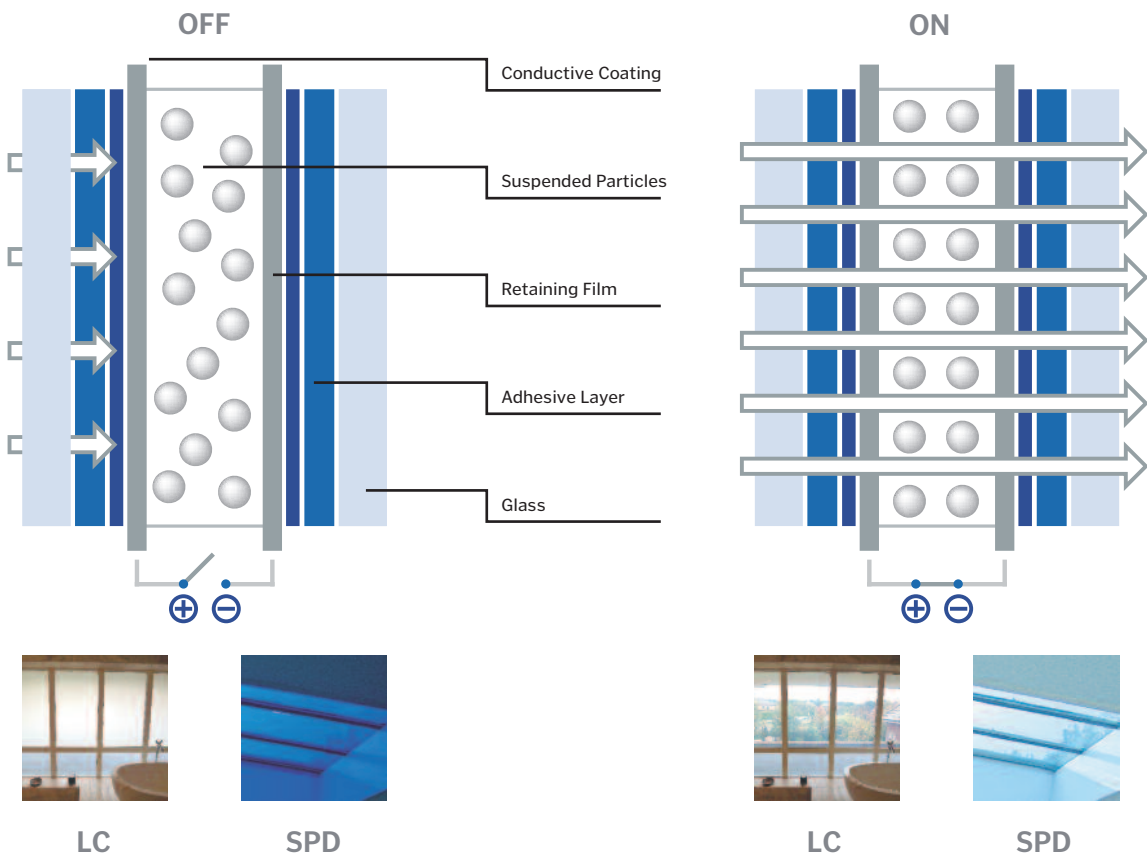
LC SmartGlass™ instantly changes from frosted to clear when 110 Volts are applied. A range of standard controls are available from wall switches to stand alone radio remote controls. Alternatively bespoke control systems can be designed for specific applications.

SPD SmartGlass™

Incorporates suspended particle activated devices to provide intelligent control of light and heat with outstanding optical clarity – infinitely variable from clear to dark. Our controllable external glass facades, windows and skylights offer an unprecedented combination of glare reduction, UV protection, energy savings and increased security.

SPD SmartGlass™ provides architects and engineers with the ability to create minimalist interiors without the clutter, cost and maintenance problems of blinds or external solar shading systems. Our systems can also be used to create unique moods within any location, simply by controlling natural light.

SPD SmartGlass™ systems challenge conventional 'windows thinking', offering a wide range of innovative solutions to maximise energy efficiency and the use of free natural resources.



LC SmartGlass			SPD SmartGlass		
Result			Result		
Light Transmittance (10.8mm laminate)	τ_v	Opaque/Off 67% Transparent/On 75%	Light Transmittance (10.8mm laminate)	τ_v	Opaque/Off 0.24% Transparent/On 49%
Haze Value – Film		90% 8%	Haze Value – Film		- 2.9%

Power consumption: 5W/m²/hour – less than 200 mA/m² Electrical input: 110VAC
Note: Stated values will vary depending on glass configurations, for further technical information please contact SmartGlass International.
SmartGlass International reserve the right to amend information without prior notice.

SPD SMARTGLASS



INFINITE LIGHT CONTROL

Applications: **Roof Lights, Building Facades, Sunroofs, Conservatories, Media Rooms, Automotive, Marine, Aviation and Solar Shading**

LC SMARTGLASS



INSTANT PRIVACY

Applications: **Interior Partitions, Corporate Offices, Window Displays, Bars/Nightclubs, Projection Screens, Bathrooms, Doors and Entrance Ways**



SmartGlass International

Intelligent Switchable Glass



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