

LUCENT SPACES

Switchable smart glass & film

PDLC film and laminated smart glass that move between open and private at the flip of a switch — for boardrooms, executive cabins, storefronts and facades.

PRODUCT CATALOGUE

Grades 085 / 087 / 091 · Art glass · Reverse film · LED film · UTD AR film

THE FILM GRADES

One slider, three clarities.

085, 087 and 091 are our three PDLC clarity grades. As the number climbs, clarity improves and haze falls. Each grade earns its place in a different kind of room — we help you land on the right one instead of selling you the most expensive one.

LUCENT 085

COST-EFFECTIVE

84–86% transmittance · 4–5% haze

Dependable everyday performance without paying for a clarity level most spaces do not need. Office partitions, conference halls, retail stores, hospitals.

LUCENT 087

BEST SELLER

Improved clarity over 085

The grade most boardrooms and executive cabins are specified in — a balance of privacy, clarity and budget that works for most fit-outs.

LUCENT 091

LUXURY PDLC

Highest clarity in the range

For high-specification spaces where the glass is part of the design intent and haze is not acceptable on camera or in client-facing rooms.

Range-wide

84–92% transmittance · under 0.3s switch response · controlled by switch, remote or room automation

Every project is quoted per square foot for the panel sizes you actually have, with controls and installation itemised separately. Send us your glass sizes for a written quote.

THE RANGE

Every product, switched on.



Lucent Art Glass

Smart glass with dichroic and patterned interlayers. Private and solid when off; clears to reveal subtle gradient colour under ambient light. Lobbies, boardrooms, luxury retail.



Lucent Reverse Film

PNLC technology that flips the usual logic — transparent by default, opaque only when powered. The safer choice wherever "clear unless switched on" matters.



Lucent Limited Edition Film

A logo or pattern etched into the film so the artwork lives inside the glass. Switch on and the glass clears to reveal the custom etched logo. Reception, brand signage.



Lucent LED Film

A transparent digital display applied to existing glass. Natural light still passes through while it plays content. Storefronts, malls, exhibition halls, advertising.



Lucent UTD AR Film

Nano-coated projection surface supporting 170° phantom imaging — visuals float mid-air while the film itself stays transparent. Events, launches, exhibitions.

WHY LUCENT

Direct, honest, specialised.

FOCUSED

Switchable glass and smart film are the entire business, not one line among dozens. Every conversation is with someone who knows the difference between an 085 and an 091 grade.

DIRECT

No account managers and no reseller markup stacked on reseller markup. You talk to the people handling the order, from first question through to final install.

HONEST

Real transmittance numbers rather than marketing language. If a cheaper grade does the job in your space, we will say so.

LOCAL

Based in Mumbai, familiar with local timelines and site conditions. A boardroom, a retail storefront and an exterior balcony each need a different grade.

NEXT STEPS

1. Send panel sizes and a photo of the glass on WhatsApp.
2. We confirm the right grade, wiring route and control scheme.
3. You receive an itemised quote, or a free site visit in Mumbai.
4. We manufacture to size and install.

Architects & designers: ask for the spec kit — datasheets, DWG details and a physical A4 switching sample for your material library.

Switchable smart glass & film · Mumbai, India

LUCENT
SPACES

SMART FILM

ELEVATE SPACES.

LUCENT SPACES Smart Film transforms glass from transparenttoopaque instantly - offering privacy, UV protection, and projection performance at the touch of a switch.



INSTANT PRIVACY



UV PROTECTION



PROJECTION COMPATIBLE

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GLARE CONTROL

ENERGY EFFICIENT

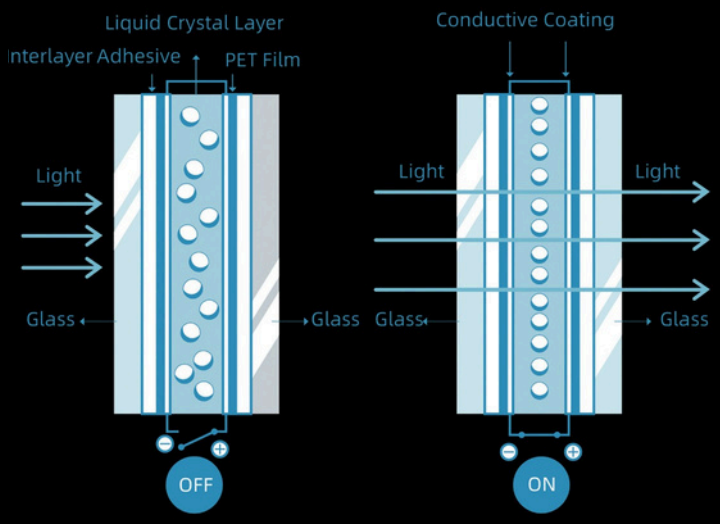
MODULAR & CUSTOMIZABLE

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ABOUT SMART FILM

Smart Film is an innovative electronically controlled light-management solution. The film is integrated between transparent conductive layers to enable seamless control over transparency and privacy using a sophisticated hybrid of liquid crystal and polymer materials.

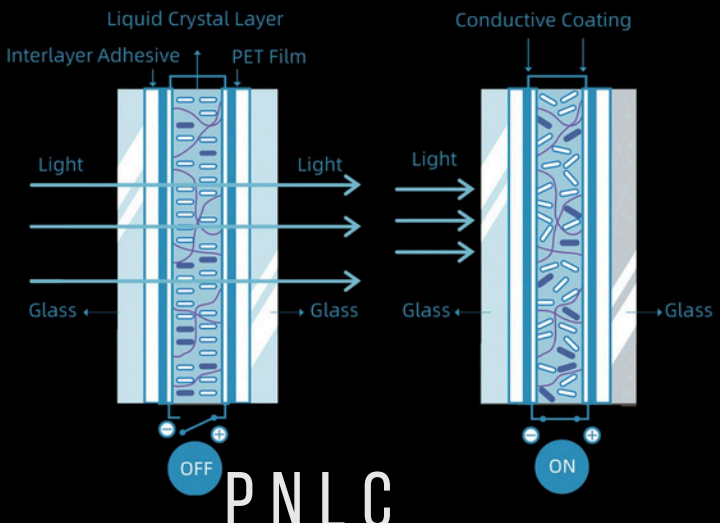
PDLC (Polymer Dispersed Liquid Crystal) smart film appears opaque in its default state without electrical current, delivering instant privacy. When powered, the liquid crystal molecules align uniformly, allowing light to pass through and transforming the surface into a clear, transparent glass panel within milliseconds.



PDLC

PNLC (Polymer Network Liquid Crystal) smart film operates on an inverse principle using liquid crystal and polymer materials it remains transparent when unpowered and turns opaque when it's powered.

Smart Film can be retrofitted onto existing glass surfaces or laminated within glass panels, significantly enhancing privacy, aesthetics, energy efficiency, and spatial adaptability across modern environments.

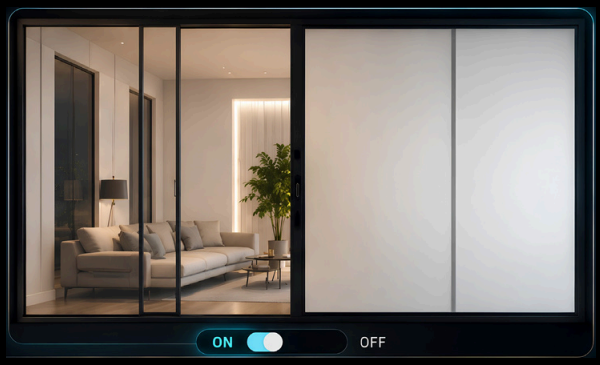


PNLC

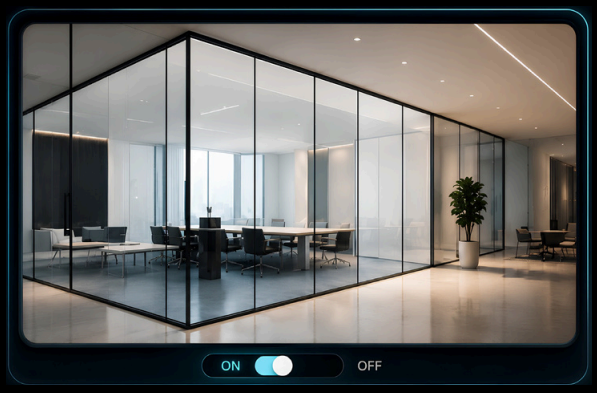
KEY CHARACTERISTICS

SMART FILM

Privacy Control
Instantly transition between transparent and opaque states with a single touch, delivering seamless, reliable performance while enabling adaptable privacy control whenever required.



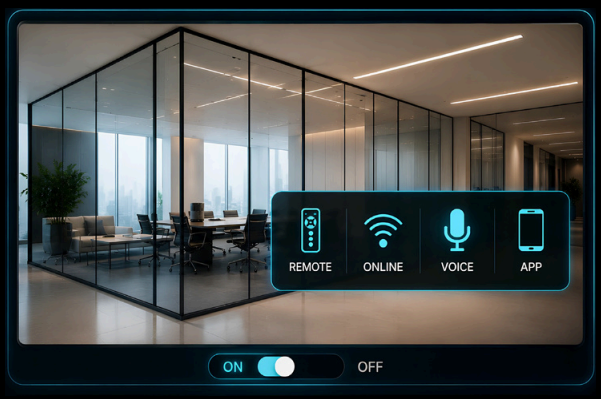
Modern Architectural Aesthetics
Create sleek, contemporary interiors with clean glass surfaces that eliminate the need for conventional blinds, curtains, or partitions while enhancing the overall visual appeal of the space.



UV & Heat Reduction
Blocks a significant portion of harmful UV rays and helps reduce solar heat transmission, contributing to improved indoor comfort and protection of interior furnishings.



Smart Automation Compatibility
Can be integrated with modern automation systems, remote controls, sensors, and smart building technologies for seamless operational control.

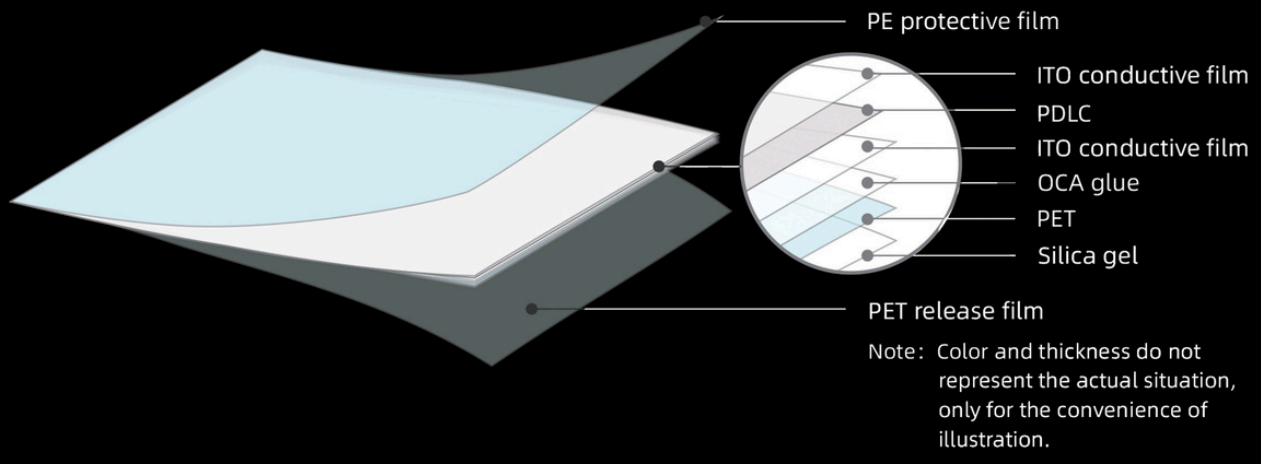




LUCENT 091

LUCENT 091 is a premium PDLC film in today's market, offering 90%–92% transmittance andless than 3% haze, which maximizes the clarity of the original glass while enhancing privacy.

It is used in scientific research institutions, intelligence agencies, luxury villas, presidential offices, 5-star hotels, Hollywood theaters, and other places that require ultra transparency and complete privacy.



SIZE

LUCENT 091

Adhesive PDLC Film	Total Thickness		0.47mm
	Cut to Sheet	Width	100-1800(mm)
		Length	100-50000(mm)
	Roll	Width	1200,1500,1800(mm)
		Length	30meters / 50meters
	Roll Tube	Inner Diameter	6 Inches
Laminated PDLC Film	Total Thickness		0.38mm
	Cut to Sheet	Width	100-1800(mm)
		Length	100-50000(mm)
	Roll	Width	1200,1500,1800(mm)
		Length	30meters / 50meters
	Roll Tube	Inner Diameter	6 Inches

Optical Parameter

LUCENT 091

Parameters	**ON/OFF**		**Test Methods/Standards**
Operating Voltage	ON	60V	Multimeter/Voltage Regulator, WGW
Power Consumption	ON	≤5W/m^2	Multi-parameter Electric Measuring
Viewing Angle	ON	≥160°	Visual Inspection
Uv Blocking Rate	ON	≥99%	Optical Transmittance Tester
Infrared Blocking Rate	OFF	≥60%	
Response Time	OFF->ON	≤30ms	Liquid Crystal Parameter Integrated Tester
	ON->OFF	≤200ms	
Operating Temperature	--	-30°C~50°C	Constant Temperature & Humidity Testing
Life-Span	--	100000 Hours	GB 18910.5-2008
Switching Times	--	≥2Million Times	Self-made on/off Tester

PDLC fim is driven by AC power, colorless and transparent when power is added, and fogged and translucent when power is removed, and its photoelectric performance is shown in the table above.

Product Transparency / Haze

LUCENT 091

		Full Light Tester			**Parallel Light Tester**	
	ON/OFF	**Haze**	**Light Transmittance**	**b Value**	**45° Light**	**Parallel Light**
Adhesive PDLC Film	OFF	94.5	85.0	7.57	/	/
	ON	3.00	91.0	5.2	60.0	88.0
Laminated PDLC Film	OFF	94.5	85.0	6.79	/	/
	ON	3.00	91.0	4.31	60.0	88.0

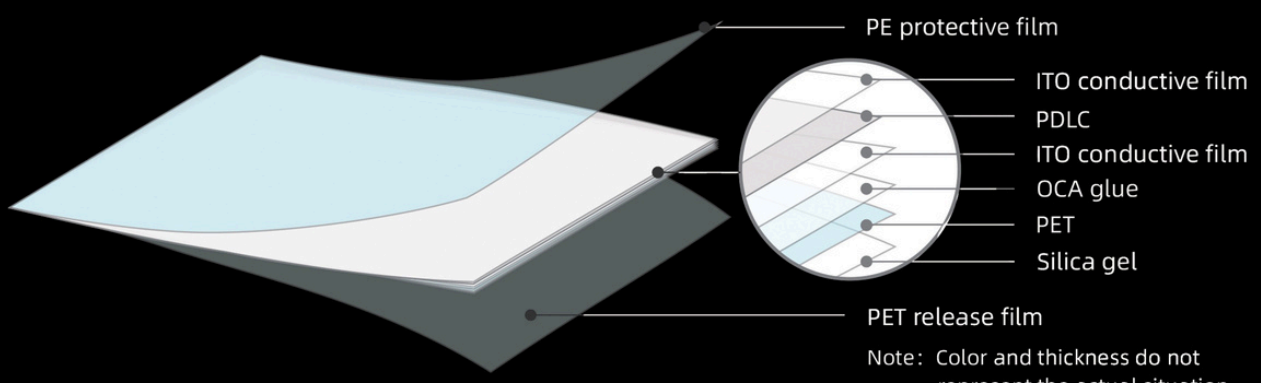


LUCENT 087

LUCENT 087 is a high performance smart film solution, offering exceptional clarity with

87%–89% light transmittanceand an ultra-low haze level of just 3%–4%.

Designed for sophisticated commercial and hospitality environments, it is ideal for office partitions, conference spaces, museums, luxury hotels, retail stores, healthcare facilities, and modern interiors requiring the perfect balance of transparency, privacy and spatial division.



Note: Color and thickness do not represent the actual situation, only for the convenience of illustration.

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SIZE — LUCENT 087

Adhesive PDLC Film	Total Thickness		0.47mm
	Cut to Sheet	Width	100-1800(mm)
		Length	100-50000(mm)
	Roll	Width	1000,1200,1500,1800(mm)
		Length	30meters / 50meters
	Roll Tube	Inner Diameter	6 Inches
Laminated PDLC Film	Total Thickness		0.38mm
	Cut to Sheet	Width	100-12100(mm)
		Length	100-50000(mm)
	Roll	Width	1000,1200,1500,1800,2000,2100(mm)
		Length	30meters / 50meters
	Roll Tube	Inner Diameter	6 Inches

Optical Parameter — LUCENT 087

Parameters	**ON/OFF**		**Test Methods/Standards**
Operating Voltage	ON	60V	Multimeter/Voltage Regulator, WGW
Power Consumption	ON	≤5W/m^2	Multi-parameter Electric Measuring
Viewing Angle	ON	≥160°	Visual Inspection
Uv Blocking Rate	ON	≥99%	Optical Transmittance Tester
Infrared Blocking Rate	OFF	≥60%	
Response Time	OFF->ON	≤30ms	Liquid Crystal Parameter Integrated Tester
	ON->OFF	≤200ms	
Operating Temperature	--	-30°C~50°C	Constant Temperature & Humidity Testing
Life-Span	--	100000 Hours	GB 18910.5-2008
Switching Times	--	≥2Million Times	Self-made on/off Tester

PDLC fim is driven by AC power, colorless and transparent when power is added, and fogged and translucent whenpower is removed, and its photoelectric performance is shown in the table above.

Product Transparency / Haze — LUCENT 087

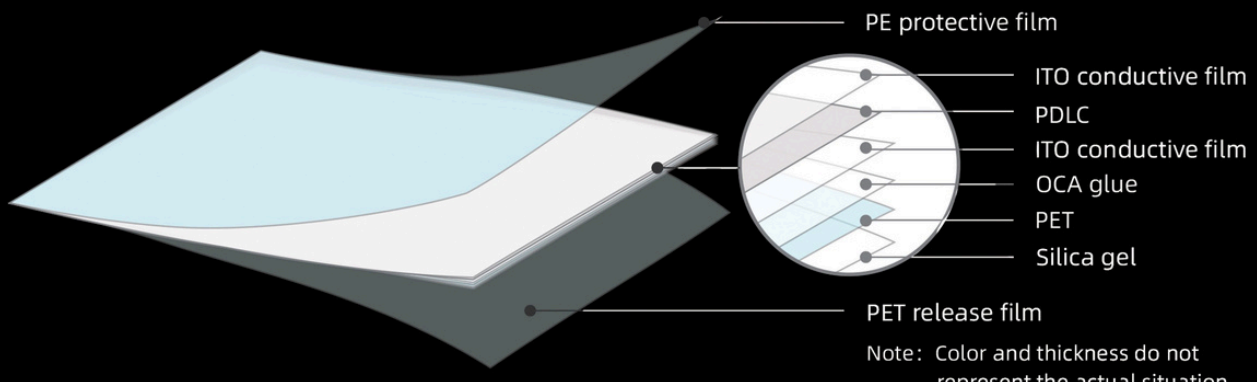
		Full Light Tester			**Parallel Light Tester**	
	ON/OFF	**Haze**	**Light Transmittance**	**b Value**	**45° Light**	**Parallel Light**
Adhesive PDLC Film	OFF	94.5	78.0	6.95	/	/
	ON	4.53	88.0	4.71	58.0	86.0
Laminated PDLC Film	OFF	94.5	78.0	5.9	/	/
	ON	4.53	88.0	3.72	58.0	86.0



LUCENT 085

lucent 085 is a value-engineered smart film solution, offering impressive clarity with 84%–86% light transmittance and a refined low haze level of 4%–5%.

It delivers dependable performance with a sophisticated visual appearance.
Ideal for offices, conference rooms, museums, hospitality spaces, retail stores, hospitals, and exhibition venues, it seamlessly combines privacy, transparency and partitioning for contemporary architectural environments.



Note: Color and thickness do not represent the actual situation, only for the convenience of illustration.

SIZE

LUCENT 085

Adhesive PDLC Film	Total Thickness		0.47mm
	Cut to Sheet	Width	100-1800(mm)
		Length	100-50000(mm)
	Roll	Width	1000,1200,1500,1800(mm)
		Length	30meters / 50meters
	Roll Tube	Inner Diameter	6 Inches
Laminated PDLC Film	Total Thickness		0.38mm
	Cut to Sheet	Width	100-12100(mm)
		Length	100-50000(mm)
	Roll	Width	1000,1200,1500,1800,2000,2100(mm)
		Length	30meters / 50meters
	Roll Tube	Inner Diameter	6 Inches

Optical Parameter

LUCENT 085

Parameters	**ON/OFF**		**Test Methods/Standards**
Operating Voltage	ON	60V	Multimeter/Voltage Regulator, WGW
Power Consumption	ON	≤5W/m^2	Multi-parameter Electric Measuring
Viewing Angle	ON	≥160°	Visual Inspection
Uv Blocking Rate	ON	≥99%	Optical Transmittance Tester
Infrared Blocking Rate	OFF	≥60%	
Response Time	OFF->ON	≤30ms	Liquid Crystal Parameter Integrated Tester
	ON->OFF	≤200ms	
Operating Temperature	--	-30°C~50°C	Constant Temperature & Humidity Testing
Life-Span	--	100000 Hours	GB 18910.5-2008
Switching Times	--	≥2Million Times	Self-made on/off Tester

PDLC fim is driven by AC power, colorless and transparent when power is added, and fogged and translucent when power is removed, and its photoelectric performance is shown in the table above.

Product Transparency / Haze

LUCENT 085

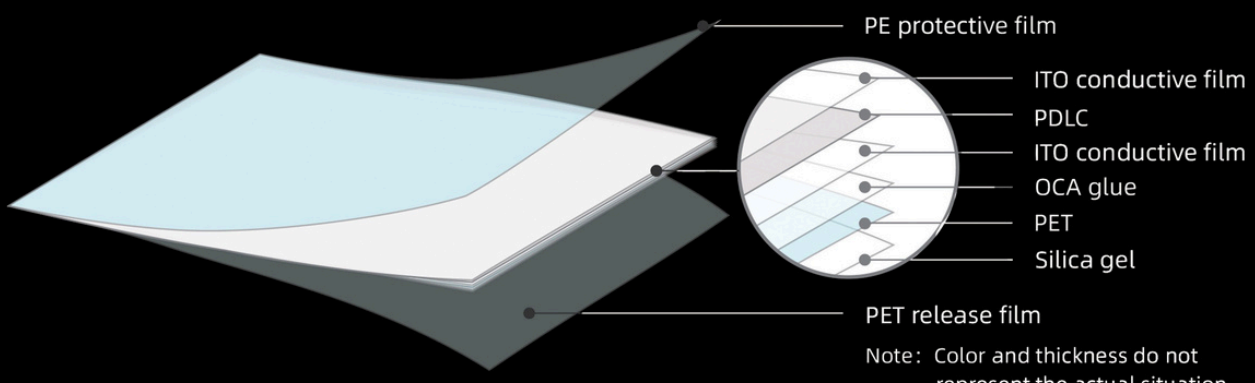
		Full Light Tester			**Parallel Light Tester**	
	ON/OFF	**Haze**	**Light Transmittance**	**b Value**	**45° Light**	**Parallel Light**
Adhesive PDLC Film	OFF	94.5	78.0	6.92	/	/
	ON	4.53	84.0	4.56	58.0	82.0
Laminated PDLC Film	OFF	94.5	78.0	5.64	/	/
	ON	4.53	84.0	3.55	58.0	81.0



LUCENT REVERSE FILM

LUCENT REVERSE FILM is an advanced PNLC smart film designed to transition from transparent to opaque whenpoweredon, offering a distinctive privacy control experience for modern architectural and technology-driven applications.

Engineered for space partitions, electronic products, automotive applications, and smart glass environments, the film can be laminated within glass or installed as a self adhesive layer on existing glass surfaces.



Note: Color and thickness do not represent the actual situation, only for the convenience of illustration.

SIZE

Adhesive PNLC Film	Total Thickness		0.47mm
	Cut to Sheet	Width	100-1400(mm)
		Length	100-50000(mm)
	Roll	Width	101200,1400(mm)
		Length	30meters / 50meters
	Roll Tube	Inner Diameter	6 Inches
Laminated PNLC Film	Total Thickness		0.28mm
	Cut to Sheet	Width	100-14100(mm)
		Length	100-50000(mm)
	Roll	Width	1200,1400(mm)
		Length	30meters / 50meters
	Roll Tube	Inner Diameter	6 Inches

Optical Parameter

Parameters	**ON/OFF**		**Test Methods/Standards**
Operating Voltage	O N	60V	Multimeter/Voltage Regulator, WGW
Power Consumption	O N	agv 4-6/m^2	Multi-parameter Electric Measuring
Viewing Angle	O N	≥160°+1	Visual Inspection
Uv Blocking Rate	O N	≥85%	Optical Transmittance Tester
Infrared Blocking Rate	O F F	≥60%	
Response Time	O F F - > O N	≤200ms	Liquid Crystal Parameter Integrated Tester
	O N - > O F F	≤220ms	
Operating Temperature	- -	-30°C~50°C	Constant Temperature & Humidity Testing
Life-Span	- -	100000 Hours	GB 18910.5-2008
Switching Times	--	≥2Million Times	Self-made on/off Tester

PNLC fim is driven by AC power, fogged and transparent when power is added, colorless and transparent when power is removed, and its photoelectric performance is shown in the table above.

Product Transparency / Haze

		Full Light Tester			**Parallel Light Tester**	
	ON/OFF	**Haze**	**Light Transmittance**	**b Value**	**45° Light**	**Parallel Light**
Adhesive PDLC Film	OFF	7	90.	3.8	80.0	85.0
	O N	92	0	5	/	19.0
Laminated PDLC Film	O F F	7	88. 90.0	4.42 1.71	80.0	85.0
	O N	92	88.0	1.84	/	19.0

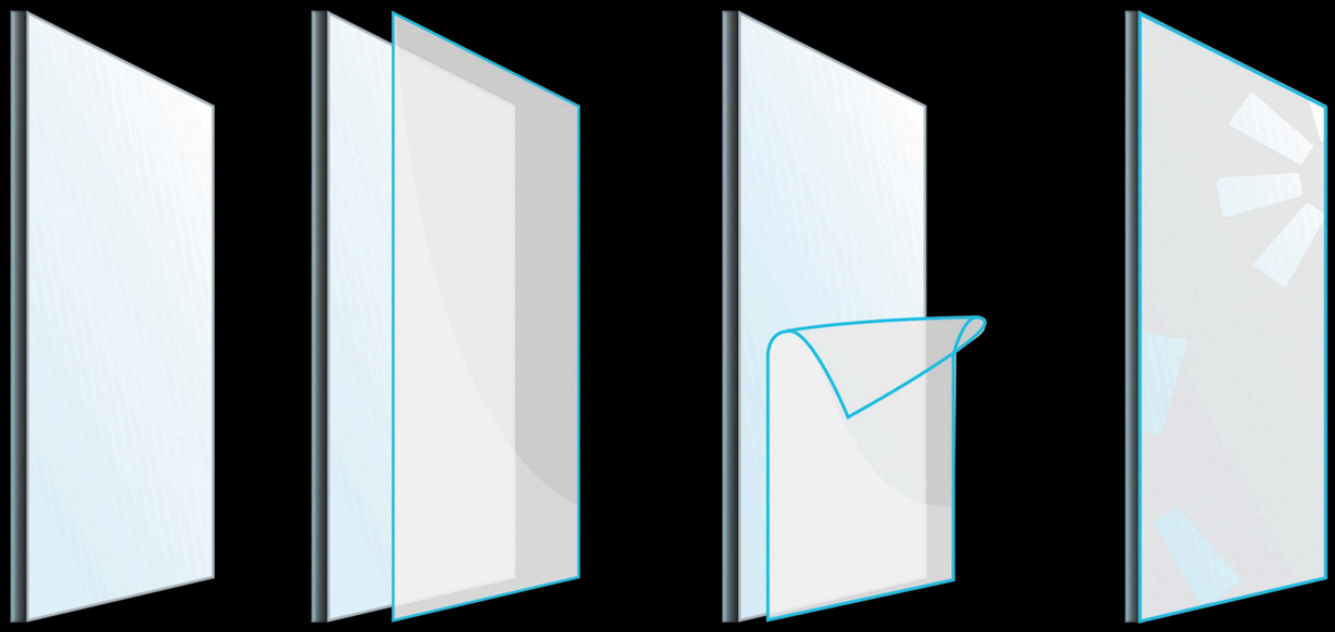
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LUCENT LIMITED EDITION

LUCENT Limited Edition is a premium customized smart film solution designed to showcase etchedor embedded visuals, including companylogos, brand identities, artwork, patterns, and creative display elements.

Displayed content can seamlessly transition between visible and private modes, offering both functional privacy and a refined visual experience.



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SIZE

LUCENT LIMITED EDITION

Adhesive PDLC Film	Total Thickness		0.47mm
	Cut to Sheet	Width	100-1500(mm)
		Length	100-50000(mm)
Laminated PDLC Film	Roll	Width	1200, 1500(mm)
		Length	30 Meters / 50 Meters
	Roll Tube	Inner Diameter	6Inches

Optical Parameter

LUCENT LIMITED EDITION

Parameters	**ON/OFF**		**Test Methods/Standards**
Operating Voltage	O N	60V	Multimeter/Voltage Regulator, WGW
Power Consumption	O N	≤5W/m^2	Multi-parameter Electric Measuring
Viewing Angle	O N	≥160°	Visual Inspection
Uv Blocking Rate	O N	≥99%	Optical Transmittance Tester
Infrared Blocking Rate	O F F	≥60%	
Response Time	O F F - > O N	≤30ms	Liquid Crystal Parameter Integrated Tester
	O N - > O F F	≤200ms	
Operating Temperature	- -	-30°C~90°C	Constant Temperature & Humidity Testing
Life-Span	- -	100000 Hours	GB 18910.5-2008
Switching Times	--	≥2Million Times	Self-made on/off Tester

PDLC fim is driven by AC power, colorless and transparent when power is added, and fogged and translucent when power is removed, and its photoelectric performance is shown in the table above.

Product Transparency / Haze

LUCENT LIMITED EDITION

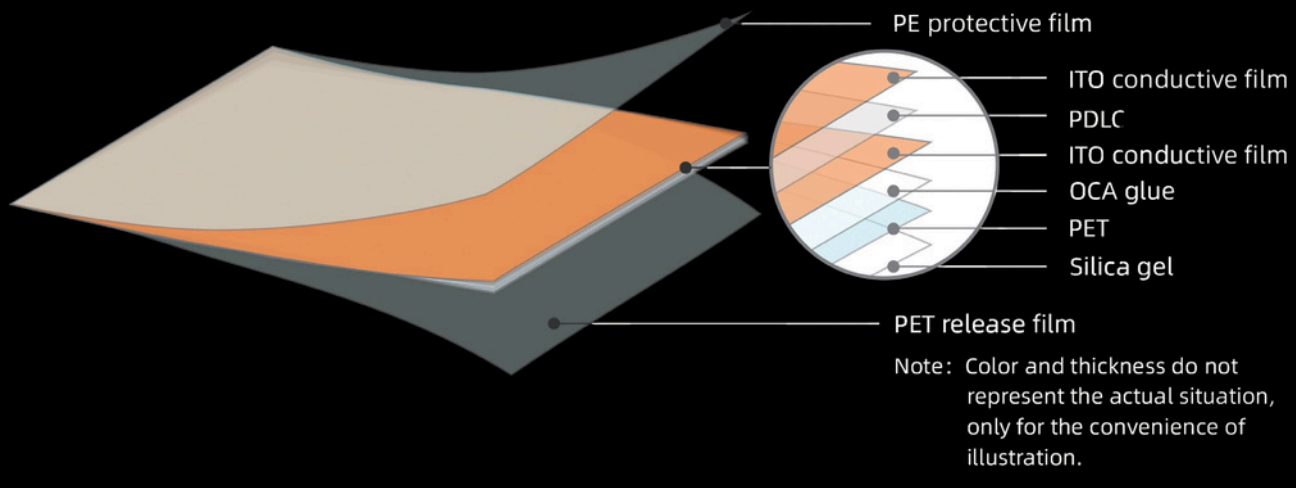
		Full Light Tester			**Parallel Light Tester**	
	ON/OFF	**Haze**	**Light Transmittance**	**b Value**	**45° Light**	**Parallel Light**
Adhesive PDLC Film	OFF	94.5	78..	6.95	/	/
	O N	4.53	0 88.0	4.71	58.0	86.0
Laminated PDLC Film	OF F	94.5	78.0	5.9	/	/
	O N	4.53	88.0	3.72	58.0	86.0



LUCENT ART GLASS

lucent art glass Colorful PDLC Film is designed for applications that require a variety of colors,suchas gray, black,red, green, blue, and other custom shades.

It is widely used in art centers, kindergartens, supermarkets, theme restaurants, and other spaces that require creative and diversified interior designs. The film can be laminated inside the glass or applied as an adhesive layer onto existing glass surfaces, while still providing switchable privacy functionality.



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SIZE

Gray Adhesive PDLC Film	Total Thickness		0.47mm
	Cut to Sheet	Width	100-1800(mm)
		Length	100-50000(mm)
	Roll	Width	1200,1500,1800(mm)
		Length	30meters / 50meters
	Roll Tube	Inner Diameter	6 Inches
Gray Laminated PDLC Film	Total Thickness		0.38mm
	Cut to Sheet	Width	100-1800(mm)
		Length	100-50000(mm)
	Roll	Width	1200,1500,1800(mm)
		Length	30meters / 50meters
	Roll Tube	Inner Diameter	6 Inches
Other Colors Adhesive PDLC Film (Black, Blue, Green, Orange, Red)	Total Thickness		0.54mm
	Cut to Sheet	Width	100-1500(mm)
		Length	100-50000(mm)
	Roll	Width	1500(mm)
		Length	30meters / 50meters
	Roll Tube	Inner Diameter	6 Inches

Optical Parameter

Parameters	**ON/OFF**		**Test Methods/Standards**
Operating Voltage	O N	60V	Multimeter/Voltage Regulator, WGW
Power Consumption	O N	≤5W/m^2	Multi-parameter Electric Measuring,
Viewing Angle	O N	≥160	Visual Inspection
Uv Blocking Rate	O N	≥99%	Optical Transmittance Tester
Infrared Blocking Rate	O F F	≥60%	
Response Time	O F F - > O N	≤30ms	Liquid Crystal Parameter Integrated Tester
	O N - > O F F	≤200ms	
Operating Temperature	- -	-30°C~50°C	Constant Temperature & Humidity Testing
Life-Span	- -	100000 Hours	GB 18910.5-2008
Switching Times	--	≥Million Times	Self-made on/off Tester

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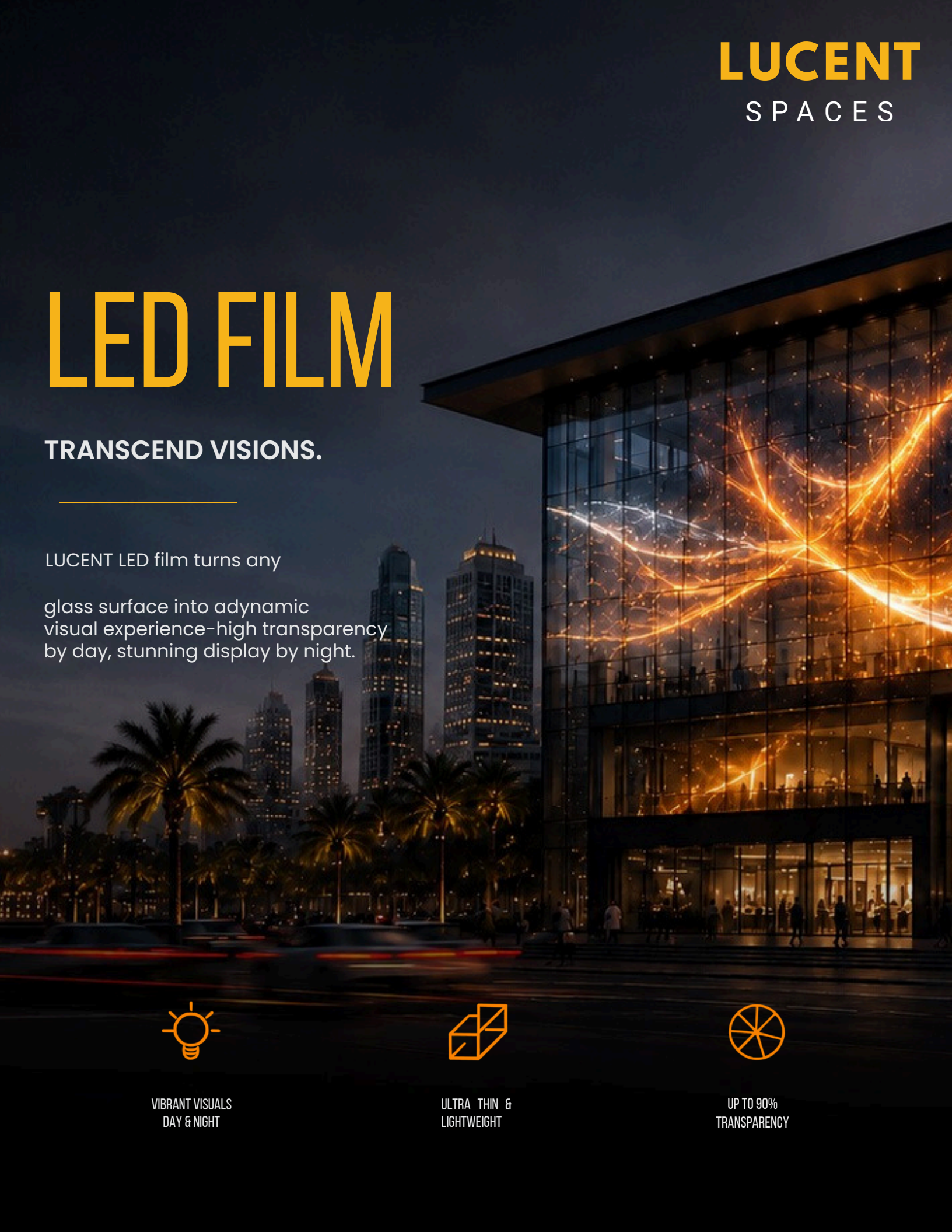
LUCENT
SPACES

LED FILM

TRANSCEND VISIONS.

LUCENT LED film turns any

glass surface into adynamic
visual experience-high transparency
by day, stunning display by night.



VIBRANT VISUALS
DAY & NIGHT

ULTRA THIN &
LIGHTWEIGHT

UP TO 90%
TRANSPARENCY

LUCENT

SPACES



MODULAR &
CUSTOMIZABLE

EASY
INSTALLATION

ENERGY EFFICIENT
& DURABLE

LUCENT
SPACES

ABOUT LED FILM

Transparent LED Film transforms ordinary glass into dynamic digital architecture—enabling immersive visuals while maintaining transparency, natural light, and openness of space.

Designed for luxury retail, airports, commercial façades, exhibitions, and experiential environments. The technology allows glass surfaces to become high-impact media platforms without the need for heavy structural intervention.

Its lightweight, modular nature supports seamless integration across storefronts, curtain walls, partitions, atriums, and suspended installations — delivering high-brightness content, motion visuals, and anamorphic experiences in a sleek, futuristic format.

From real-time branding and storytelling to landmark visual experiences, LED Film redefines how spaces communicate, engage, and leave a lasting impression.



VIBRANT VISUALS DAY & NIGHT

Vivid, high-impact visuals that stand out in any light.

ULTRA THIN & LIGHTWEIGHT

Lightweight design that integrates seamlessly, without disrupting.

UP TO 90% TRANSPARENCY

Maximum visibility and natural lighting while enabling dynamic digital visuals.

LUCENT
SPACES



MODULAR & CUSTOMIZABLE

Customizable, scalable, and easy to integrate.

EASY INSTALLATION

Minimal intervention. Maximum Adaptability. No structural modification required.

ENERGY EFFICIENT & DURABLE

Service or replace modular sections for long-term reliability and effciency.

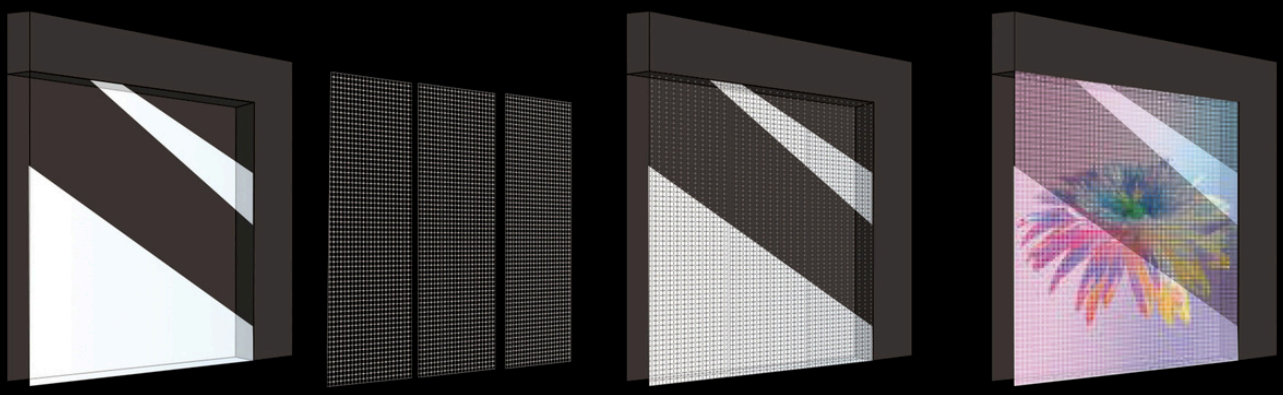


LUCENT LED FILM

The high-definition transparent display creates a dynamic visual effect while preserving

natural light. It transforms buildings and public spaces into immersive media platforms for art , advertising, and cultural content.

From commercial buildings to suspended installations, LUCENT invisible displays can be self-adhesive or suspended, blending seamlessly with modern architectural spaces.



Product Model

TRANSPARENT LED FILM

Pitch	P4	P5	P6	P8	P10
Screen Brightness(nits)	0~5000	0~5000	0~5000	0~5000	0~5000
Visual Transparency	≥90%	≥90%	≥95%	≥95%	≥95%
Pixel Pitch	4×4mm	5×5mm	6×6mm	8×8mm	10×10mm
Module	W240×H≤1500	W240×H≤1500	W240×H≤1500	W240×H≤150	W240×H≤150
Pixel Density	62500	40000	27556	0 15625	0 10000
Best View Distance	≥4m	≥5m	≥6m	≥8m	≥10m
Viewing Angle	≥160°	≥160°	≥160°	≥160°	≥160°
Average Square Power	230W	230W	230W	230W	230W
Maximum Square Power	650W	650W	650W	650W	650W

*Note: These parameters are based on a standard 1-square-meter white TOP bracket LED display panel as the test sample. Specifications may vary with changes in panel dimensions. Final specifications are subject to project evaluation.

Product Model

TRANSPARENT LED FILM

Pitch	P 15	P 20	P 30	Parameters
Screen Brightness(nits)	0~4000	0~3000	0~1200	Customization based on requirement
Visual Transparency	≥95%	≥98%	≥98%	Customization based on requirement
Pixel Pitch	15×15mm	20×20mm	30×30mm	Customization based on requirement
Module	W240×H≤150	W240×H≤1500	W240×H≤1500	Customization based on requirement
Pixel Density	0 4356	2500	1089	Customization based on requirement
Best View Distance	≥15m	≥20m	≥30m	Customization based on requirement
Viewing Angle	≥160°	≥160°	≥160°	≥160°
Average Square Power	230W	160W	100W	Customization based on requiremen
Maximum Square Power	650W	480W	260W	Customization based on requirement

*Note: These parameters are based on a standard 1-square-meter white TOP bracket LED display panel as the test sample. Specifications may vary with changes in panel dimensions. Final specifications are subject to project evaluation

Technical Parameters

TRANSPARENT LED FILM

Pixel Size	1R1G1B	Control Method	Mobile phone/computer
Pixel Packing	1515 /2020	Support video	Internal storage/U disk/synchronization
Color Uniformity	±0.003	Screen material	Flexible substrate + organic resin
Grayscale Level	65536levels	Working temperature	-20°C~50°C
Brightness Adjustment	32-bit current gain	Storage temperature	-40°C~70°C
Drive Method	Staticstate	Working humidity	10-90%
Refresh Rate	3840	Storage Humidity	5-95%

HANGING LED FILM

LUCENT Hanging LED Film is aninnovative display solution that combines transparent displaytechnology, intelligent control, and energy-efficient performance. With high light transmittance of up to 90%, it allows natural light to pass through while delivering high-definition dynamic visuals with stunning visual effects. Its ultra-thin structure, measuring less than 2mm, offers a sleek and modern design.

The Hanging LED Film can be flexibly suspended or attached directly to glass surfaces, making it ideal for architectural curtain walls and commercial display spaces. With support for cloud-based intelligent control, it provides efficient and convenient solutions for advertising media, retail environments, smart transportation, city lighting, and many other applications.

Its low-energy consumption LED technology complies with green building standards, supports sustainable development, and enhances intelligent space applications with advanced visual solutions.

- Next-Generation Facade Solution
- High-Definition Display with Up to 90% Transparency
- Quick and Easy Installation, Plug-and-Play Connectivity
- Smart and User-Friendly Control via App, Computer, and USB




Merry
Christmas



LUCENT
SPACES

UTD[R] FILM

ULTRA-THIN.
ULTRA-CLEAR.
ULTIMATE PERFORMANCE.

LUCENT UTDFilm enables stunning holographic projections on glass, delivering ultra-highclarity,deepcontrast, and unmatchedvisualimpact-without compromising transparency.

FRONT & REAR PROJECTION

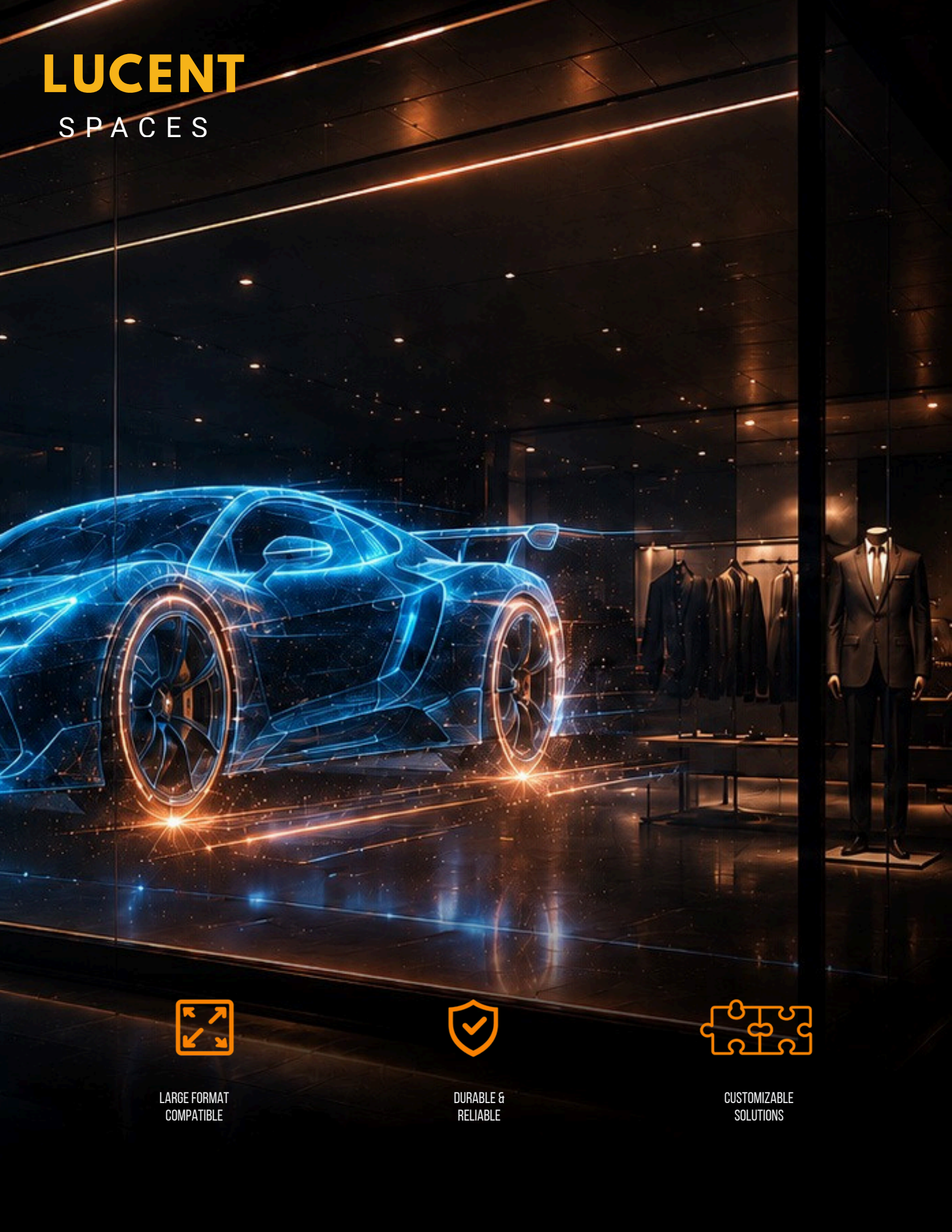
HD

HIGH CLARITY VISUALS

ULTRA THIN & LIGHTWEIGHT

LUCENT

SPACES



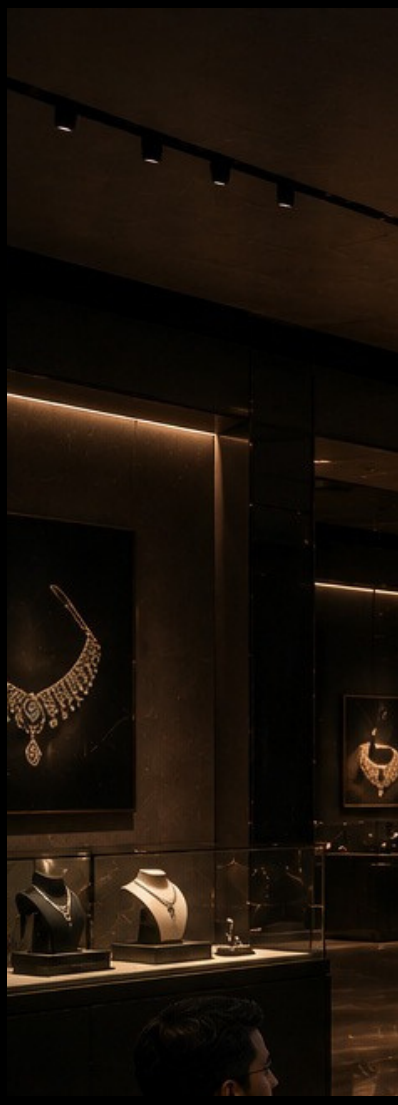
LARGE FORMAT
COMPATIBLE

DURABLE &
RELIABLE

CUSTOMIZABLE
SOLUTIONS

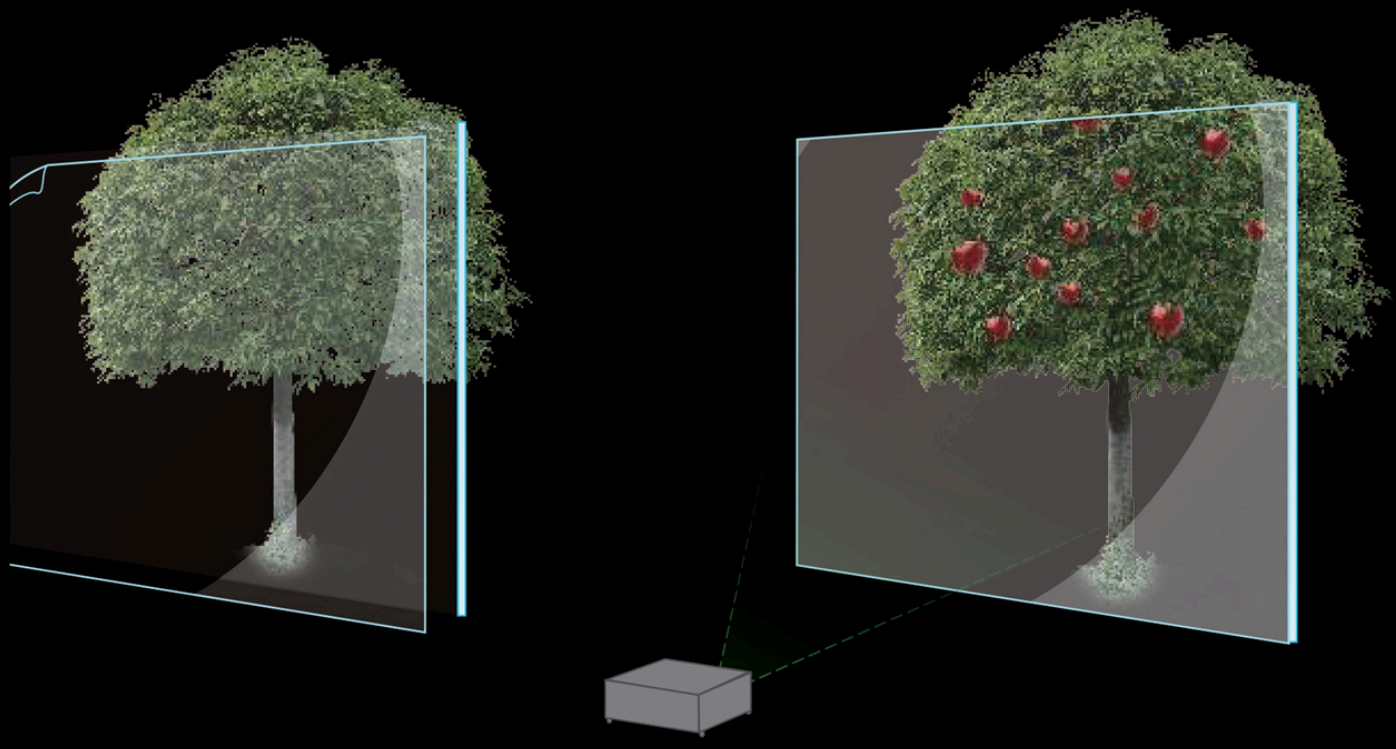
ABOUT UTD FILM

LUCENT UTDFilm (Ultra-Transparent Display) is an innovative projection medium developed using advanced reflection imaging technology. Featuring a nano-scale photosensitive coating, it delivers exceptional transparency with high reflectivity and vivid visual output.



UTD Film enables 170-degree phantom imaging, holographic effects, and floating visual displays. It creates the illusion of content suspended in mid-air for immersive presentations.

Despite its ultra-transparent appearance, the film produces bright, sharp, and highly saturated visuals while maintaining clear visibility on display. Its advanced light-transmission technology redefines modern immersive displays.





TRANSPARENT HD

Delivers crystal-clear visuals with high transparency and sharp resolution, creating an immersive and futuristic display experience.

HIGH PERFORMANCE & COST EFFICIENCY

Combines advanced transparent display technology with cost-effective performance for efficient visual solutions.

ULTRA-THIN PROFILE

Slim, lightweight, and durable design with strong light resistance, offering a modern and stylish appearance.

COMMERCIAL VALUE

An ideal solution for transparent and AR display applications, offering excellent performance at a lower cost.



HANGING UTD FILM

The Hanging UTD Film is an advanced naked-eye 3D transparent display solution designed for suspended and versatile installations without blocking visibility. Seamlessly integrating into modern interiors , it creates immersive and futuristic visual experiences.

Widely used across exhibition halls, pavilions, stage productions, restaurants, bars, nightclubs, and KTV venues, transforming spaces into dynamic and engaging visual environments.

Product Advantages

- Fully transparent, ultra-high-definition display with large-area lifting capability.
- Naked-eye 3D visual effects that integrate naturally into the surrounding environment.
- Flexible, lightweight, safe, and reliable design.



Product Parameters	Transparent Image Wall
Thickness	0.2mm
Width	1320mm
Haze	<2.0%
Viewing Angle	170°
Transmittance	>70%
Operating Temperature	-20°C-60°C
Storage Temperature	25°C±1°C
Storage Humidity	35%-75%
Resolutions	Up To 8k



SELF ADHESIVE UTD FILM

The Self-Adhesive UTD Film is an advanced transparent display solution designed for seamless application on glass and transparent surfaces. It delivers immersive floating visuals, high transparency, and vibrant projection performance without requiring complex installation.

Ideal for retail stores, showrooms, corporate spaces, exhibitions, and commercial environments, it enhances visual engagement while maintaining a sleek, modern, and futuristic appearance.

Product Advantages

- Large-size, ultra-high-definition, full-color dynamic display
- Floating 3D visual effects that bring futuristic concepts to life
- Instantly captures visitors' attention and strengthens brand image



Product Parameters	Transparent Image Wall
Thickness	0.2mm
Width	1320mm
Haze	<2.0%
Viewing Angle	170°
Transmittance	>70%
Operating Temperature	-20°C-60°C
Storage Temperature	25°C±1°C
Storage Humidity	35%-75%
Resolutions	Up To 8k

LUCENT
SPACES

HANGING LED

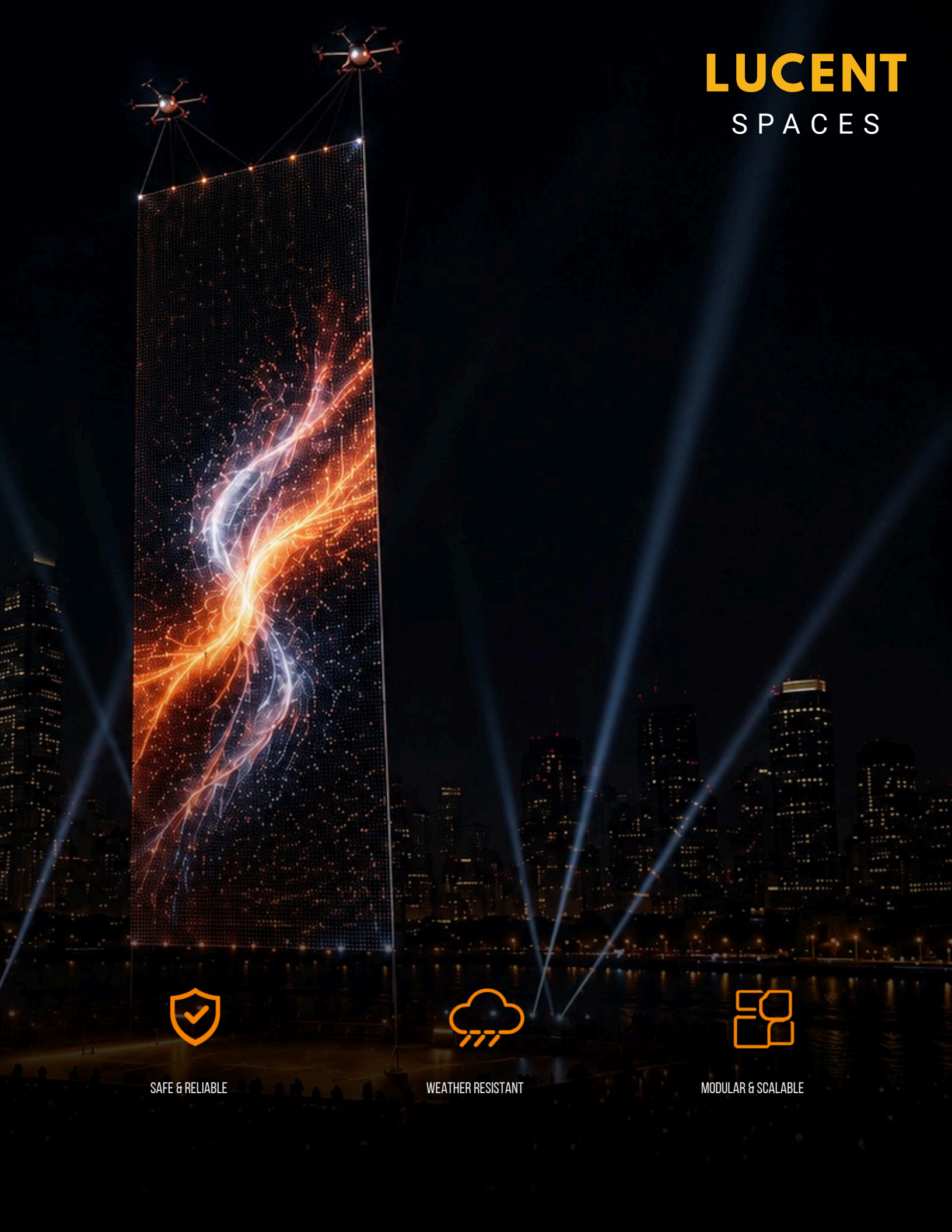
DISPLAY WITHOUT LIMITS.

Lucent Spaces HANGING LED brings

stunning visual experiences to the sky with drone-lifted LED technology- engineered for large-scale events, brand activations, and unforgettable moments.



LUCENT
SPACES



SAFE & RELIABLE

WEATHER RESISTANT

MODULAR & SCALABLE

HANGING LED

Lucent spaces hanging led is an ultra-light-weight transparent LED display designed for aerial media and low-altitude performances. With 95% transparency, 2mm thickness, and a weight of just 250g/m², it delivers immersive visuals while blending seamlessly into its surroundings.

Featuring a massive 5m × 15m format, Sky Screen holds a Guinness World Record for the “Largest LED Mesh Screen Flow.” It supports synchronized multi-screen displays with sharp, high-resolution 3D visual performance.

Ideal for aerial advertising, product launches, festivals, exhibitions, and live events, Sky Screen creates impactful and immersive audio-visual experiences.



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Name	Project	Parameters	
LED Screen	Screen size	W4.8*H15m	W4.8*H15m
	Resolving Power	P30	P40
	Spacing	30*30mm	40*40mm
	Pixel	64800dots	45000 dots
	LED Chip Drive Voltage	+5VDC	+5VDC
	Standard Power Supply Type	PowerBattery	Power Battery
	Lamp Bead Packaging	2022/2528/3030/3535	2022/2528/3030/3535
	Drive Mode	StaticState	Static State
	Refresh Frequency	3840/1920Hz	3840/1920Hz
	Chip Structure	RGB+IC	RGB+IC
	Standard Broadcast Control S.	Novastar	Novastar
	Operation Method	Phone,Ipad,Computer	Phone, Ipad, Computer
	Media Format	Video;Images	Video; Images
	Video Format	AVI;MP4;WMV;MOV	AVI; MP4; WMV; MOV
	Image Format	JPG;PNG;GIF;BMP	JPG; PNG; GIF; BMP
PowerBattery	Battery Name	Ternary lithiumBattery	Ternary lithium Battery
	Standard BatteryCapacity	250 Wh Per Set	250 Wh Per Set
	Load Width	Width 960mm/Set	Width 960mm/Set