INFiLED

Screen your dreams

GeminiLED

SERIES

Two sides, twice the impact

RETAIL | CORPORATE

WHEN PEOPLE MOVE, VISIBILITY MUST KEEP UP

Public spaces are constantly in motion. People cross paths, light conditions shift, and information must remain readable from every direction.
When communication relies on a single-facing screen, visibility is lost the moment the audience moves past.

The GeminiLED Series addresses this with a dual-sided, ultra-slim display that delivers clear, consistent communication to audiences moving in opposite directions—without disrupting the surrounding architecture.

- **Commercial & Retail**

  Large open interiors need messaging that travels across levels without visual clutter.

  - Readable branding and promotions in atriums and corridors.
  - Minimal physical presence that respects architectural intent.
  - One side for storytelling, the other for guidance or highlights.

- **Civic & Cultural Spaces**

  Balanced information delivery and visual storytelling that respects architectural intent and visitor experience.

  - Clear messaging without dominating the environment.
  - Flexible content zoning for cultural storytelling and practical information.
  - Seamless integration into halls, lobbies, and circulation spaces.

- **Airport & Rail Hubs**

  Bidirectional wayfinding and information displays, suspended or freestanding, keeping circulation clear and communication visible.

  - Dual-sided wayfinding, alerts, and service updates.
  - Independent brightness for daylight-exposed and indoor-facing sides.
  - Replaces back-to-back screens with one compact fixture.
  - Preserves passenger circulation routes.

- **Corporate Environments**

  Clear communication and identity integration in lobbies, atriums, and shared circulation areas.

  - Bidirectional communication for employees and visitors moving through shared spaces.
  - Seamless integration of corporate identity within lobbies and atriums.
  - Clear guidance and messaging without adding visual clutter.

SUSPENDED OR FREESTANDING, ALWAYS FACING THE RIGHT DIRECTION

The dual-sided GeminiLED screen adapts to different spatial needs in suspended or freestanding configurations, keeping information, branding, and guidance visible throughout the flow of movement.

Two possible configurations

SUSPENDED

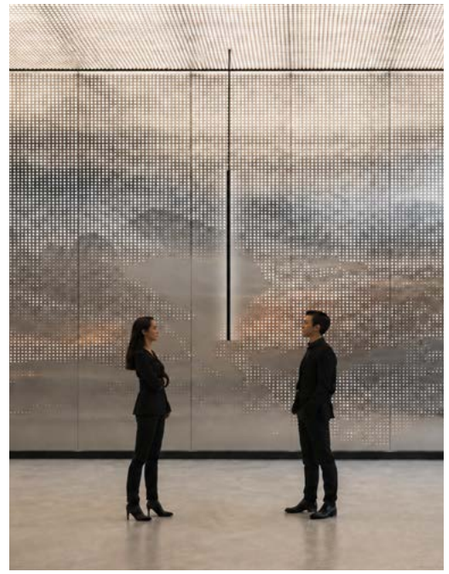
Ideal for atriums, terminals, and large public halls, GeminiLED floats above circulation paths, keeping floor areas open while ensuring visibility from both sides of the flow.

FREESTANDING TOTEM

Designed for corridors, entrances, and key transition points, the dual-sided totem keeps messages visible in both directions, maximizing reach without duplicating screens or structures.

Dual-side ultra-slim profile

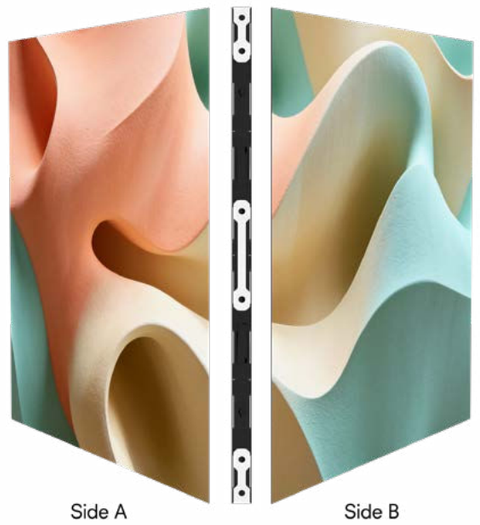
An ultra-slim 25.5mm to 27mm cabinet depth keeps the structure minimal and unobtrusive, preserving open sightlines in large areas.



Lightweight & rigid structure

A magnesium-alloy die-cast structure delivers high strength with minimal weight, reducing load on overhead mounting points, and keeps installations predictable, controlled, and architecturally discreet.

- Only 7.5 - 8.7 kg per dual-face cabinet.
- Just 30 - 33 kg for a full 2K dual-sided assembly.
- Reduced load on mounting points.
- Predictable handling during installation.



Independent dual-side control

Each face can be calibrated independently, adapting brightness to its orientation and surrounding light conditions.

This flexibility allows one side to deliver wayfinding or service information, while the other presents branding, storytelling, or highlights without compromise.

- Each face can be calibrated independently to its lighting environment.
- With independent content control on each face, a single installation can deliver multiple messages within the same environment.

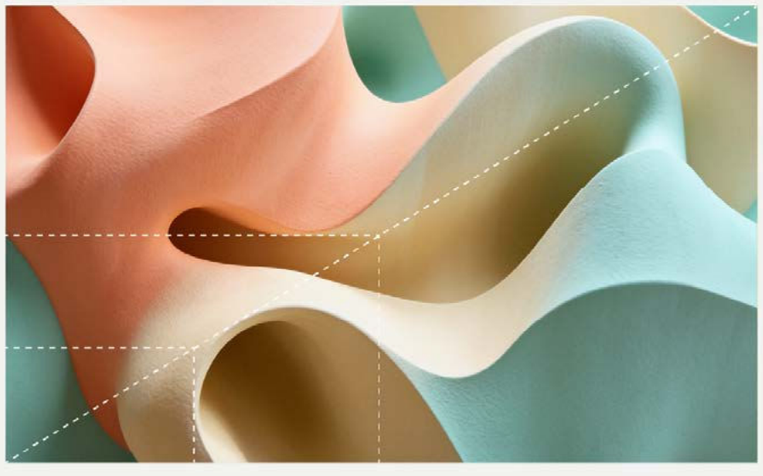
CLEAR, BALANCED VISUALS IN ANY INTERIOR

As public environments shift throughout the day, GeminiLED keeps both faces clear and balanced. New MicroLED “MIP” technology ensures uniform colour and brightness across wide viewing angles, delivering consistent visibility from every direction.

Visual performance

High contrast and fine grayscale deliver smooth gradients and natural depth, while the native aspect ratio ensures seamless playback across standard resolutions.

- Up to 1500 nits brightness ensures visibility under skylights, glass roofs, and bright indoor halls.
- Up to 7680 Hz refresh rate delivers smooth motion for viewers and cameras.
- 5000:1 - 100000:1 contrast ratio and up to 16-bit grayscale produce smooth gradients and natural depth.
- 16:9 aspect ratio supports native Full HD, 4K, and 8K playback.



ENGINEERED FOR RELIABLE PUBLIC-SPACE CONTINUOUS OPERATION

Transport hubs, retail centres, and civic venues demand displays that operate for long hours, withstand constant interaction, and remain stable over time. GeminiLED integrates INFiLED’s proprietary technologies to meet these demands.

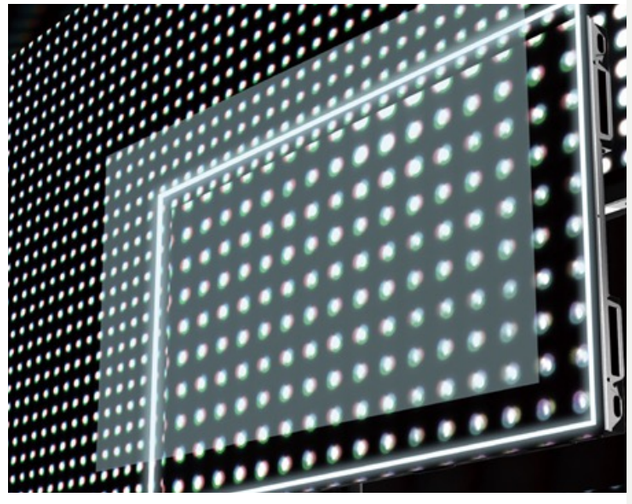
SolidSkin

DURABILITY, IMPACT RESISTANCE AND VISUAL CLARITY

SolidSkin adds a durable protective layer over the LED modules, shielding them from moisture, dust, and impact.

It enhances surface flatness and visual uniformity, improves image clarity, and reduces maintenance needs—lowering operational costs and making it ideal for high-use environments.

- Protected LED surface.
- Improved flatness and visual uniformity.
- Reduced moiré effect.
- Resistance to dust, moisture, and incidental contact.



INSTALLATION AND MAINTENANCE MADE SIMPLE.

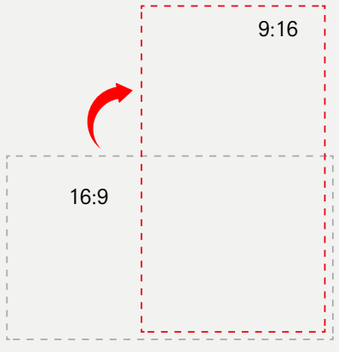
GeminiLED is designed for fast installation and simplified maintenance, ensuring reliable performance throughout its lifecycle. Whether freestanding or suspended, it delivers a stable, refined presence while reducing structural load and preserving a clean, ordered visual language.

Flexible mounting options

Supports suspended, wall-mounted, stacked, or freestanding totem installations, with flexible 9:16 and 16:9 orientations to suit a wide range of signage layouts.

Reliable high-position installation

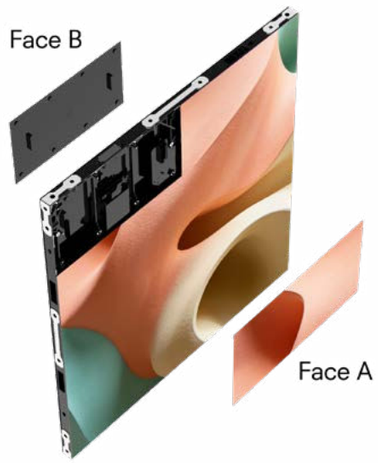
Engineered for secure mounting up to 10.8 metres, meeting the needs of airports, retail atriums and other tall venues.



Single-side maintenance access

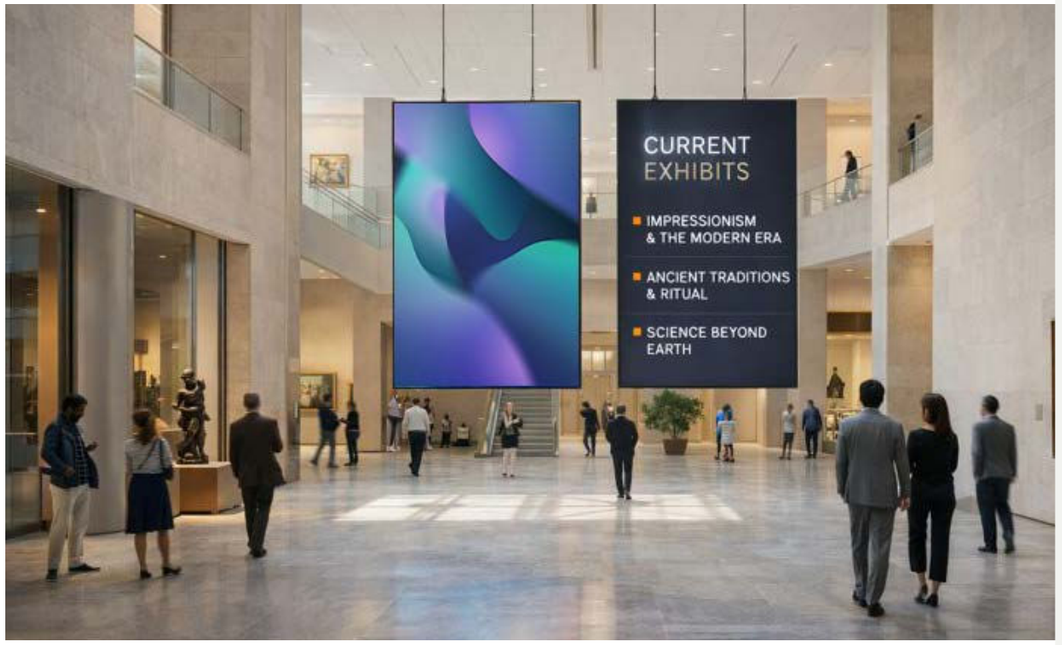
Power, HUB boards and receiving cards are all accessible from the same service side, simplifying maintenance and reducing handling time in overhead setups.

Both the external and internal sides of the frame are marked as Face A and Face B. Face A is the service side.

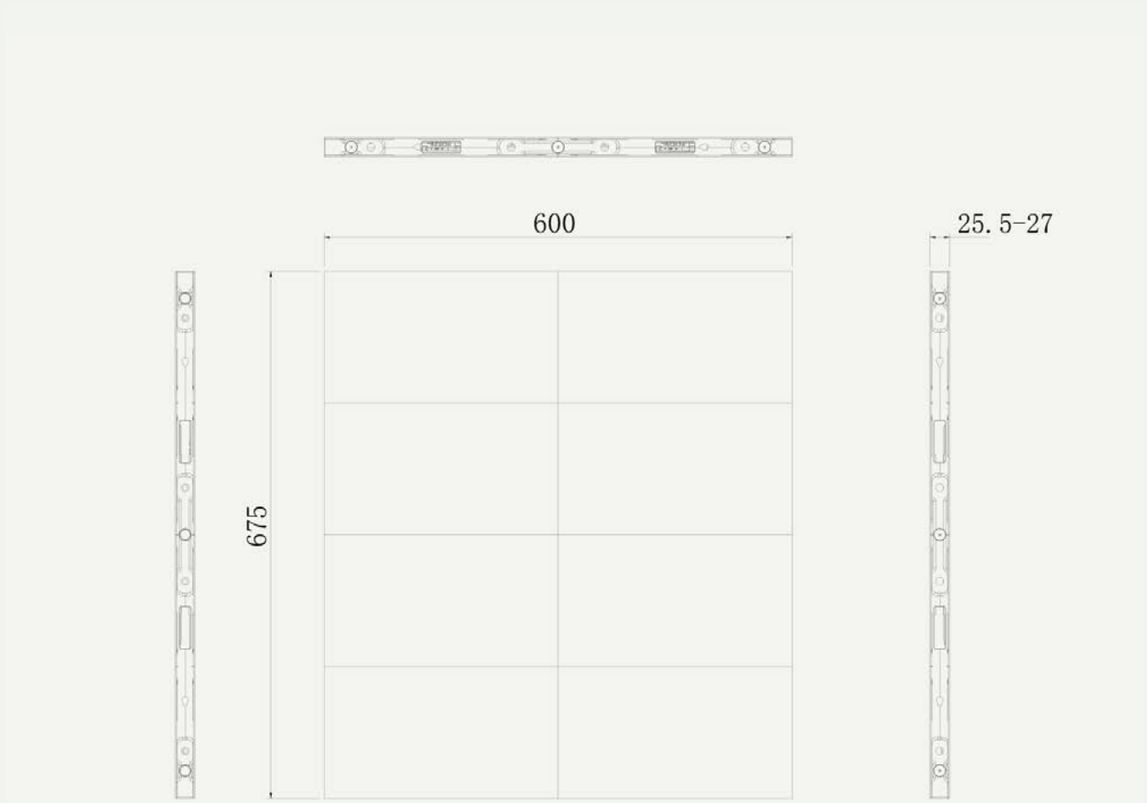


5G-Efficient Control for Cleaner Setups

The 5G-efficient control system ensures stable transmission and clean cabling, while allowing internal components to be accessed and replaced independently, keeping servicing fast and organised.
Available as standard for the 1.56 version, optional for the 2.5.



SPECIFICATIONS



Specifications

General Information	Model Number	**IL-FISS-IRGL1.56**	**IL-FISS-IRGL2.5**
	Pixel Pitch	1.56mm	2.5mm
Physical Parameter	Physical Density	409,600 pixels/m²	160,000 pixels/m²
	LED Arrangement	MIP0606	3 IN 1 SMD
	Module Dimensions	300 x 168.75 mm (11.81 x 6.64 in)	300 x 337.5 mm (11.81 x 13.29 in)
	Module Resolution	192 x 108 pixels	120 x 135 pixels
	Cabinet Dimensions	600 x 675 x 25.5 mm (23.62 x 26.57 x 0.96 in)	600 x 675 x 27 mm (23.62 x 26.57 x 1.00 in)
	Cabinet Resolution	Dual-sided display, 384 × 432 pixels per side	Dual-sided display, 240 x 270 pixels per side
	Cabinet Weight	7.5 kg/cabinet (16.5 lb/cabinet)	8.7 kg/cabinet (19.1 lb/ cabinet)
Optical Parameter	Brightness	1500 nits	600 nits
	Viewing Angle	170°/170°	160°/160°
Power Supply	Max Power Consumption	300 W/Cabinet	200 W/Cabinet
	Avg Power Consumption	107 W/Cabinet	79 W/Cabinet
	Operating Power Source	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz
Control System	Refresh Rate	7,680 Hz	3,840 Hz
	Signal Input Source	DVI, HDMI, DP, SDI	DVI, HDMI, DP, SDI
Operation Conditions	Operating Temperature	-10°C~+45°C	-10°C~+45°C
	IP Rating (Front/Rear)	IP65 / IP30	IP30
	Certification	CE, ETL, CB, RoHS, REACH	CE, ETL, CB, RoHS, REACH

The product specifications can be customized.

RENTAL | CORPORATE

PIXEL PITCH	1.56, 2.5mm
BRIGHTNESS	600 - 1500 nits
CABINET SIZE (WxHxD)	600 x 675 x 25.5, 27mm
IN/OUT	INDOOR

INFiLED

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For more information, contact:
info.emea@infiled.com

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