

INFILED

Screen your dreams



Mirak

SERIES

Transparent LED Solution for Open, Modern Spaces

RETAIL | CORPORATE | STAGE

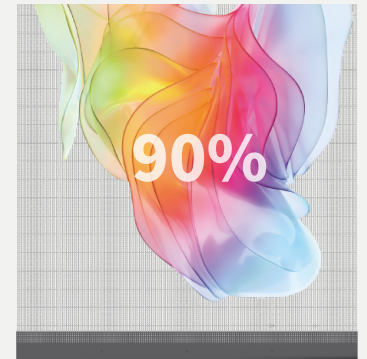


TRANSPARENCY THAT LIVES NATURALLY IN THE ARCHITECTURE

Clear surfaces only succeed when they remain visually effortless. Mirak preserves that clarity while delivering meaningful visual performance.

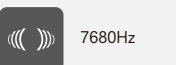
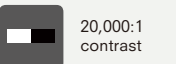
◆ True Transparency That Preserves Openness

With 90% transparency, slim LED bars, a frameless design and minimal non-display area keep light and sightlines open. Seamless large-area splicing creates a clean, continuous surface at scale, even when content is active.



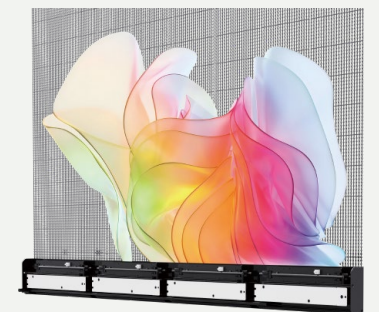
◆ Balanced, Crisp Visuals Across the Day

Visuals stay crisp in varied lighting conditions, keeping the space open and the imagery cleanly integrated into the surface.



◆ Minimal Mounting for a Clean Architectural Look

Hub boards sit discreetly along the display edge, enabling direct mounting without extra framing. A screw-free PDU keeps the exterior clean and continuous, helping the display settle naturally into its surroundings.



Display what you want. Keep the openness you need.

Mirak brings high-transparency LED performance to spaces where clarity and flow matter. It integrates digital content into storefronts, entrances and open environments while preserving natural light, sightlines and the clean architectural character of the space.

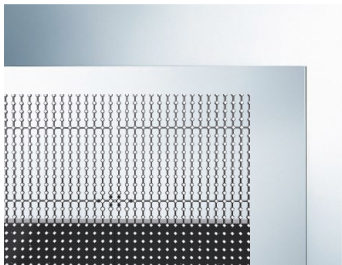
Traditional transparent LED projects often face complex installation, stability concerns or repeated maintenance. Mirak addresses these challenges with straightforward mounting, easy servicing and long-term structural stability. It turns open surfaces into dependable communication layers, adding presence without closing the space around them.

INSTALLATION THAT MOVES WITH THE SPACE

Transparent LED projects often involve tight timelines, limited access and surfaces that need extra care. Mirak makes installation light and controlled, helping teams work efficiently without interrupting the surrounding environment.

◆ **Secure Mounting with Reliable Adhesive Bonding**

A dedicated adhesive backing keeps each panel firmly secured in place. Designed for direct attachment to glass, it enables a clean, straightforward installation while maintaining reliable fixation across the display.



◆ **Adaptable Across Flexible Setups**

Mirak mounts directly onto glass, integrates cleanly into hanging systems and pairs naturally with mobile stands. Modules can be repositioned without stressing the structure, keeping layout changes simple and low-risk.



◆ **Large, Lightweight Design for Faster Coverage**

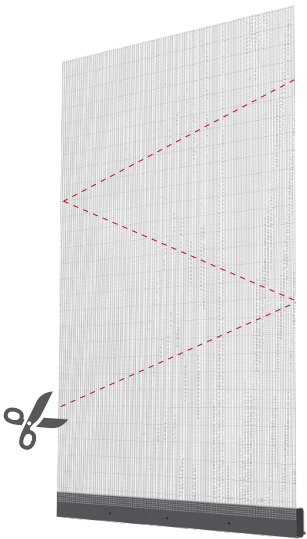
With 125 × 1500 mm modules and a complete cabinet weight of just 5 kg, Mirak stays easy to handle, position and install on site.



◆ **Curved and Custom Forms Without Added Structure**

Mirak adapts naturally to shaped surfaces, supporting curved assemblies, selective trimming and fully custom contours without heavy structure.

Flexible modules follow architectural geometry with precision, enabling distinctive forms - from soft arcs to circular installations - to sit cleanly within the space.



RELIABILITY BUILT FOR DAILY, PUBLIC-FACING OPERATION

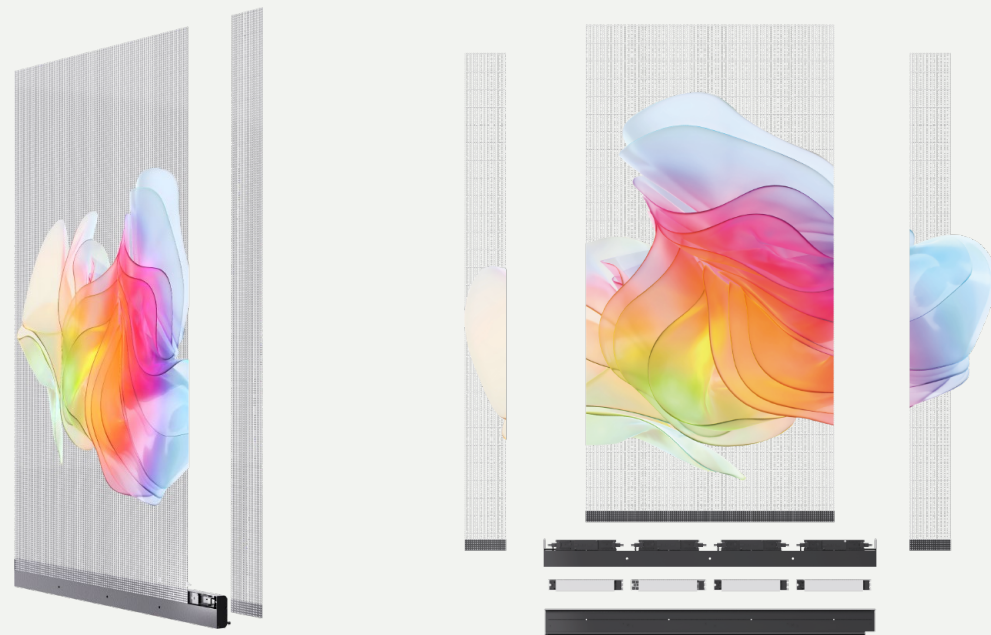
◆ Fast Maintenance With Minimal Disruption

A faulty part can be quickly located and replaced without dismantling the entire display, making servicing faster and more targeted.

◆ Intelligent Protection for Continuous Operation

If a single LED fails, the signal automatically reroutes around the affected point, allowing the rest of the display to continue operating normally.

Automatic short-circuit detection prevents an LED fault from affecting an entire row, while the faulty LED switches off automatically to avoid flicker or remaining continuously lit.



Public environments depend on displays that stay steady, clean and predictable. Mirak is engineered to maintain visual consistency and remain serviceable through long-term, everyday use.

◆ Structural Stability That Preserves Visual Cleanliness

Mirak maintains surface flatness within 0.3 mm while resisting the waves and front-back shifts common in hung transparent LEDs.

The display remains smooth, unified and visually clean through long-term, public-facing operation.



CREATED FOR SPACES THAT NEED TO STAY OPEN AND BRIGHT

Mirak supports communication without closing the space around it, fitting naturally into environments shaped by movement, visibility and light.



◆ **Retail Windows That Stay Bright and Inviting**

Dynamic content appears without blocking merchandise, natural light or street views. High transparency keeps the retail environment open throughout the day.



◆ **Exhibitions, Museums and Cultural Spaces**

Digital content can appear alongside exhibits without obscuring the physical display, adding dynamic information while preserving clear sightlines and creating a more immersive visitor experience.



◆ **Corporate Entrances and Architectural Partitions**

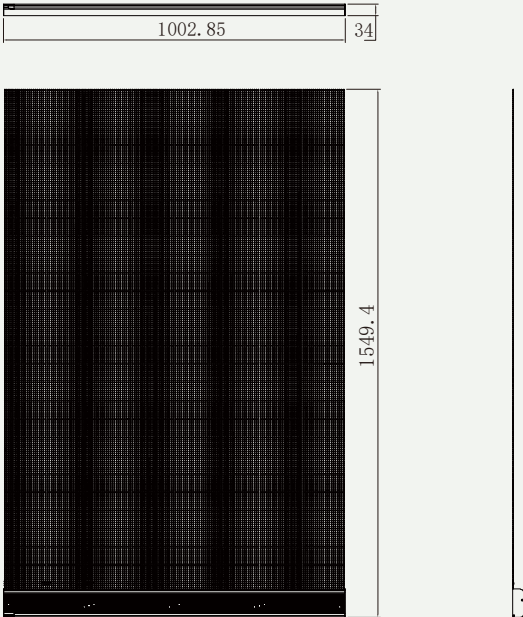
A refined appearance blends seamlessly into premium interiors. Content sits naturally within the space while elevating brand presence.



◆ **Suspended Displays for Scenic or Event Environments**

A stable structure maintains visual uniformity in hanging setups, providing a bright yet unobtrusive layer for stages, scenic features and event design.

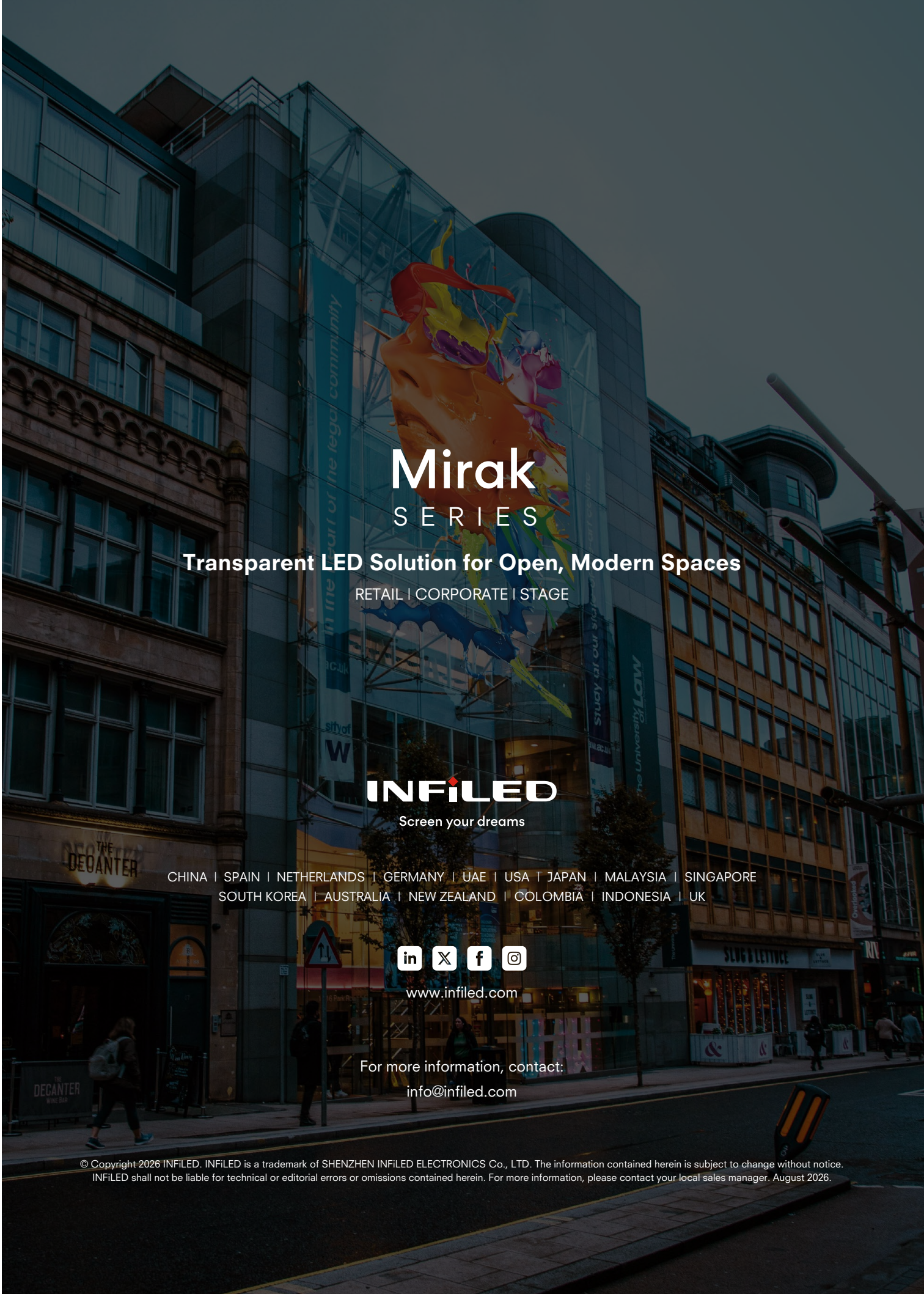
SPECIFICATIONS



Specification

General Information	Model Number	IL-FISS-IRMirak5.95
	Pixel Pitch	5.95mm
Physical Parameter	Physical Density	28,224 pixel/m²
	LED Arrangement	SMD2222
	Module Dimensions	125 x 1500 mm (4.92 x 59.06 in)
	Module Resolution	21x252 pixels
	Cabinet Dimensions	1000 x1550 x 34 mm (39.37 x61.02 x 1.34 in)
	Cabinet Resolution	168 x 252 pixles
	Cabinet Weight	5 kg (11.02 lb)
Optical Parameter	Transparent Ratio	90%
	Brightness	4000 nits
	Viewing Angle	160°/160°
Power Supply	Max Power Consumption	750 W/Cabinet
	Avg Power Consumption	250 W/Cabinet
	Operating Power Source	100-240V AC, 50/60Hz
Control System	Refresh Rate	7,680 Hz
	Signal Input Source	DVI, HDMI, DP, SDI
Operation Conditions	Operating Temperature	-10℃--+45℃
	IP Rating (Front/Rear)	IP30

The product specifications can be customized.



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