

Where precision meets immersion.



At LED Studio, we believe immersion starts with precision. That's why our simulation display systems are purpose-built to meet the demands of high-performance environments - from motorsport to military, medical to museum.

Whether it's a curved wraparound cockpit, a fully immersive CAVE, or a domed planetarium ceiling, we engineer every pixel to serve the experience. Our solutions combine ultra-fine pitch LEDs with advanced processing, rugged reliability, and flexible form factors - all tailored for 2D and 3D visualisation in real time.

With modular systems, scalable formats, and support for the world's leading content platforms, LED Studio delivers more than just visual fidelity. We deliver trust, adaptability, and total spatial realism - where every surface becomes a storytelling canvas.





When precision, reliability, and uptime are critical, LED outperforms projection in every measure that matters. Our advanced simulation systems are purpose-built to meet the exacting standards of mission-critical environments - from defence and aerospace to motorsport and research.

LED Studio simulation platforms aren't just displays - they're precision visualisation systems engineered to deliver flawless performance when there's no margin for error.



Key Advantages:

Black Levels & Contrast

True black performance with contrast ratios hundreds of times greater than projection.

No Edge Blending or Shadowing

Seamless image continuity across any shape or format.

Pixel Calibration Stability

No pixel drift, no recalibration downtime.

High Refresh Rates with Smear Reduction

Ultra-smooth motion and reduced blur at 120Hz / 240Hz.

Vibration & Motion System Resilience

Built to perform in dynamic, high-impact environments.

Arc-Minute Resolution & Field of View (FOV)

Meets the highest visual accuracy requirements.

Colour Uniformity & Brightness Consistency

Maintained across the entire display surface.

Longer Lifespan

LEDs maintain peak performance for years longer than most projection systems, reducing replacement costs.

MTTR & MTBF Performance

Reliability metrics that keep critical systems online.



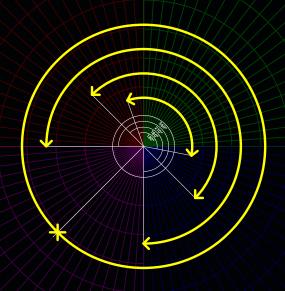


Motorsport • Aerospace • Medical • Military • Museums • Research • Themed Destinations



CURVATURE OPTIONS 120°, 180°, 270°, 360°

In high-performance simulation, immersion isn't a luxury - it's essential. Whether you're replicating the cockpit of a jet or the driver's seat of a race car, the visual field needs to wrap, respond, and stay razor sharp. That's where OSIRIS delivers.



Designed for 120° to 360° curved environments, OSIRIS brings fluidity to form without sacrificing performance. With ultra-fine pixel pitches, high refresh rates, and both SMD and COB options, the OSIRIS Series is built to support real-time 2D and 3D rendering with complete visual continuity. It's a display system that keeps pace with the demands of modern simulation - and the realism users expect.

From motorsport training rigs to aerospace flight decks, OSIRIS enables seamless, sweeping visuals that track every movement, every calculation, and every decision. It's the screen that disappears - leaving only the experience.

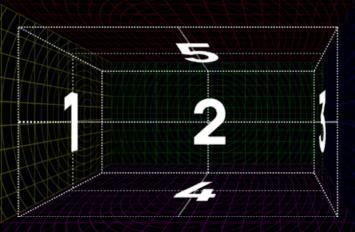




Medical • Research • Aerospace • Military • Education • Museums • Themed Destinations









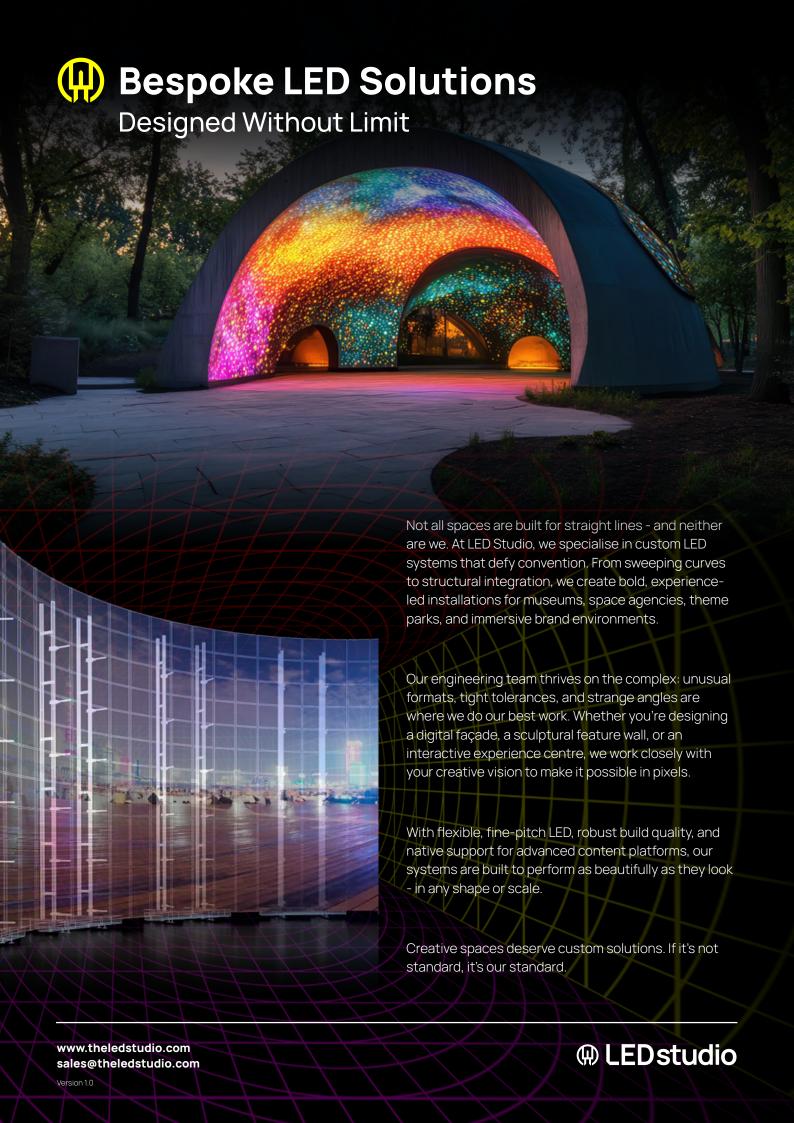
The best simulation doesn't just surround you - it responds to you. With RUBIX, LED becomes a fully immersive architectural medium, transforming rooms into real-time environments for training, research, and engagement.

From 3-sided configurations to full 6-surface CAVEs, this system scales to your scenario - creating high-resolution walk-in environments that deliver total spatial immersion. Whether you're mapping the human body, simulating a mission, or creating next-generation educational tools, RUBIX systems ensure every surface comes alive with clarity and control.

Compatible with Brompton and Colorlight processing and available in ultra-fine pixel pitches, RUBIX offers low-latency, high frame-rate performance with both GOB and COB durability. This isn't projection. It's presence.

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@ LEDstudio



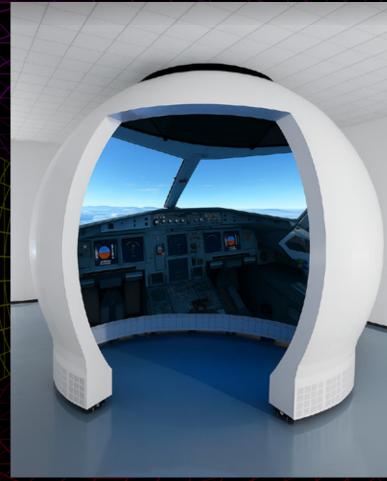


At LED Studio, we engineer LED domes that push the boundaries of immersive display. Designed for planetariums, science centres, training simulators, and themed experiences, our domes deliver true spatial realism - turning every inch of curved surface into a vivid, high-resolution canvas.

Unlike traditional projection systems, our LED domes offer consistent brightness, wide colour gamut, deep contrast and zero edge blending. No shadows. No seams. No distortion. Just pure, wraparound immersion.

Built using precision-engineered modular panels, our solutions can form full or partial domes, spheres, or bespoke geodesic structures - all optimised for real-time 2D and 3D playback. Each system is scalable, serviceable, and designed to integrate with the world's leading visualisation platforms.

Whether you're recreating the cosmos or simulating complex scenarios, LED Studio brings your content to life with unmatched depth, clarity, and control.





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