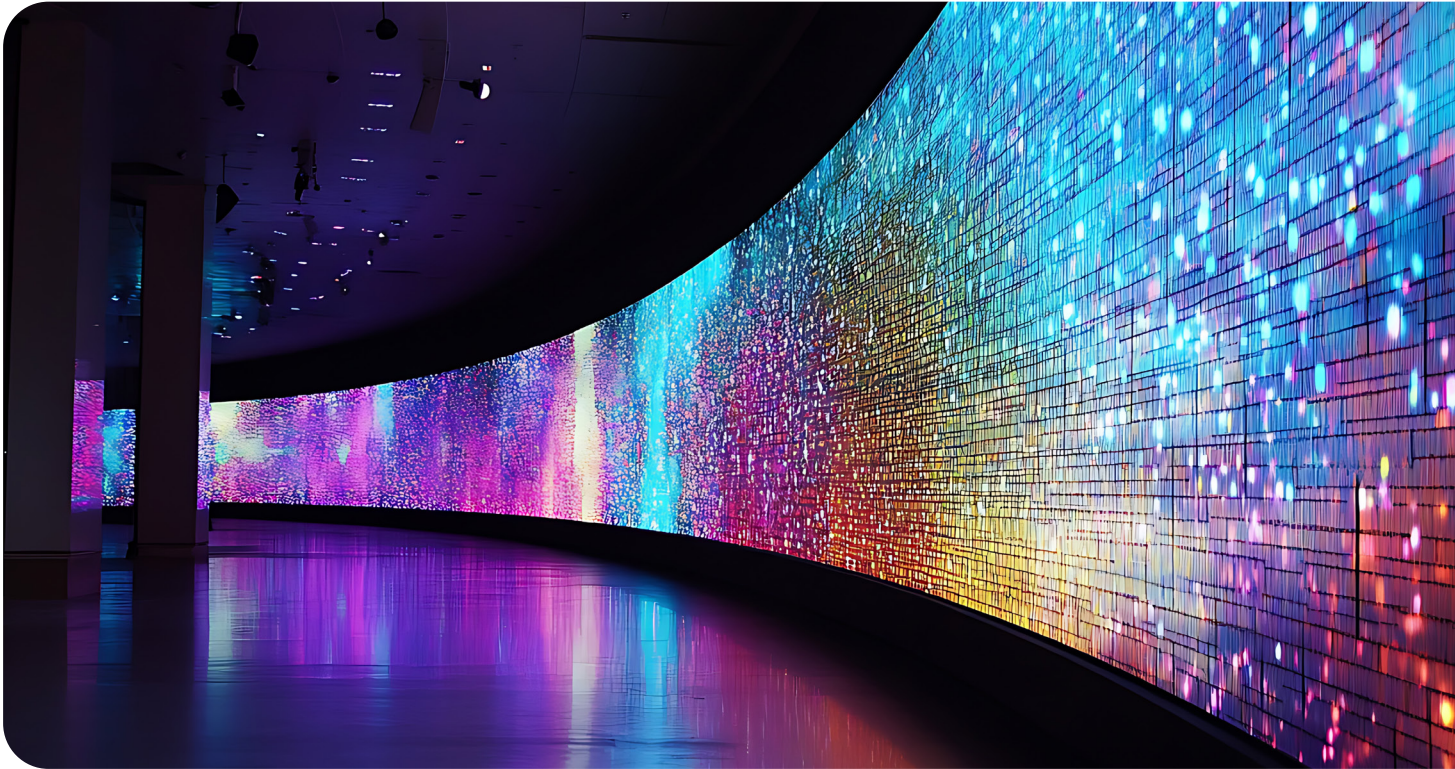


Excellence meets innovation

Barco and Unilumin redefine LED performance



When industry-leading processing power combines with cutting-edge LED technology, extraordinary visual experiences become standard

Barco and Unilumin: a partnership built on expertise

Delivering the ultimate LED experience requires more than just superior hardware: it demands flawless integration between processing and display technology. Barco and Unilumin have joined forces to achieve exactly that, with each company contributing its flagship innovations.

Barco brings its renowned Infinipix™ LED processor, engineered for impeccable image quality, rock-solid reliability, and enterprise-grade security. Unilumin contributes the UMini W (COB) and UPanel II (MIP) LED video wall tiles, combining advanced packaging technology with exceptional visual performance. Together, these solutions deliver LED video walls that exceed the sum of their parts.

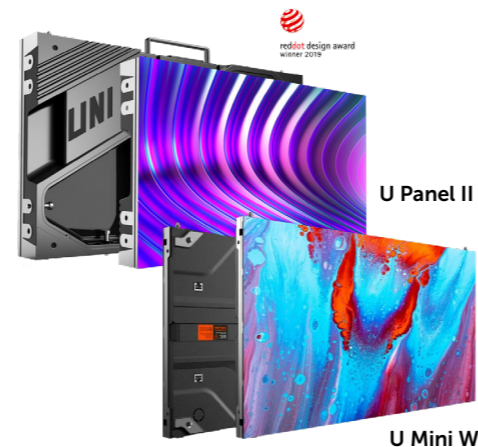
Unilumin

BARCO

Combining technical strengths

Unilumin LED tiles: engineered for durability and visual excellence

- Deep blacks with superior contrast ratios
- Minimal moiré effects for clean, interference-free images
- Anti-reflective coating optimized for daylight viewing conditions
- Moisture and splash-proof construction
- Anti-scratch surface protection for demanding environments



Barco Infinipix™: processing that unlocks full LED potential

- Smart Calibration™ with wide color gamut support for accurate color reproduction
- 23-bit color processing maintaining perfect visuals across all brightness levels
- Reduce cable clutter and minimize risks with high-bandwidth mode
- Easy to use, maintain and service; minimal training needed
- Artifact-free up and down scaling with zero image tearing
- Ultra-low latency for real-time performance
- Barco SteadyView™ technology significantly reducing eye fatigue, ideal for 24/7 applications
- Allowing Security-to-the-pixel when combined with Barco CTRL



Application areas

Control rooms/ Critical applications

Fine pixel-pitch LED walls deliver mission-critical information with exceptional detail, perfect color accuracy, and outstanding contrast. The SteadyView™ feature dramatically reduces eye fatigue – essential for operators monitoring displays during extended shifts. Additionally, Barco CTRL, the all-in-one KVM over IP and content distribution platform for critical control rooms, integrates seamlessly with Infinipix processing to ensure end-to-end security from source to pixel.

Corporate lobbies, boardrooms and experience centers

Your brand deserves visual excellence. Barco and Unilumin's high-impact LED solutions bring welcome messages, branding, and key content to life with unmatched clarity and color fidelity. Designed for minimal maintenance requirements, these solutions maximize return on investment while delivering lasting performance that keeps your brand looking its best.

Retail, advertising, and digital signage

Capturing attention in competitive environments demands content that truly stands out. The combination of Unilumin's vibrant LED technology and Infinipix processing ensures your products and services make an immediate impact. Infinipix' renowned ease of use simplifies installation and configuration, enabling swift deployment and ensuring continuous, eye-catching performance.

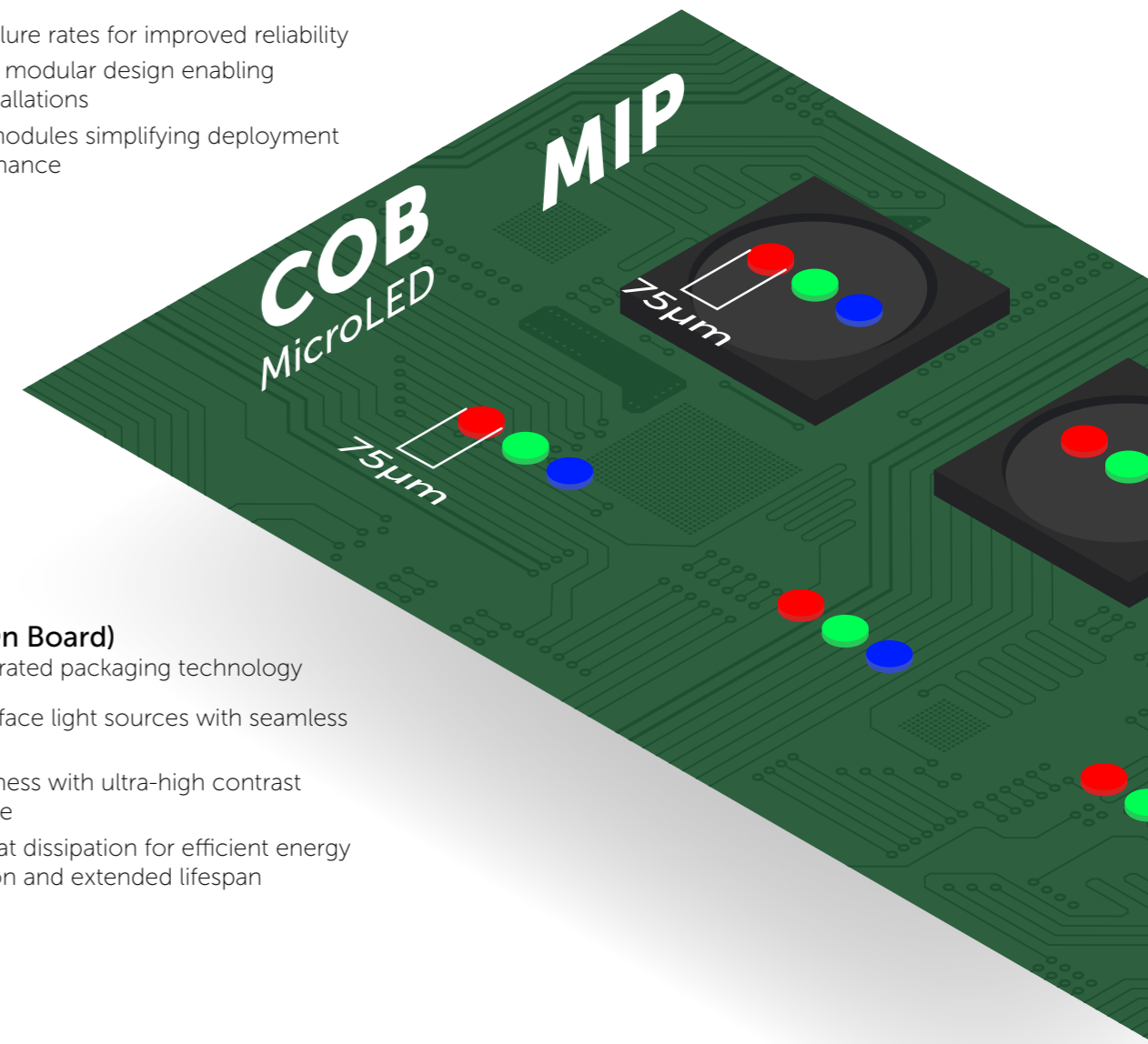


Technology explained

MIP (Micro LED In Package)

Independent LED packaging architecture

- Chip-level light mixing ensuring high color consistency
- Reduced failure rates for improved reliability
- Lightweight modular design enabling creative installations
- Large, flat modules simplifying deployment and maintenance



COB (Chip On Board)

Chip-level integrated packaging technology

- Smooth surface light sources with seamless appearance
- High brightness with ultra-high contrast performance
- Superior heat dissipation for efficient energy consumption and extended lifespan



The power of partnership

Barco is a world-leader in image processing, in entertainment markets (with the renowned Encore series) and the Infinipix LED processor (of which the first version was launched in 2014). When this processing expertise meets Unilumin's LED innovation, the result is a video wall solution engineered for excellence. From color accuracy to reliability, from ease of use to eye comfort – every technical detail has been optimized to deliver experiences that inform, inspire, and impress.

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The information and data given are typical for the equipment described. However any individual item is subject to change without any notice. The latest version of this brochure can be found on www.barco.com.

www.barco.com/infinipix
www.unilumin.com

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