

ROE Visual, Solotech, and Sands China Ltd. Deliver Landmark NBA Installation at The Venetian Macao

Shenzhen, China (January 2026) – In a stunning display of technology and design, Sands China Ltd. Entertainment partnered with Solotech, who provided the equipment and project-management logistics for this time-sensitive project, delivering a large-scale LED installation at The Venetian Macao built entirely from ROE Visual's Topaz 2.6 panels. Covering 500 square meters (5381sqft) more than 2,000 LED panels and over 70 million pixels, the display was created for the highly anticipated return of the NBA China Games, marking yet another landmark installation for ROE Visual in the region.

Beyond its visual scale and significance, the project's success was rooted in the deep trust and longstanding collaboration between Sands China, Solotech, and ROE Visual; partners who delivered under immense pressure and a tight timeline.



The Return of the NBA China Games

The return of NBA China Games represents a major milestone. After years of strategic coordination between Sands China leadership and the NBA, the pressure was high to deliver a truly exceptional experience. With the league absent from China for nearly six years, the 2025 return carries

significant symbolic and commercial importance—not only for the NBA, but also for its partners working to reintroduce professional basketball to this key market.

Global Partners Coming Together

[Sands China Ltd.](#), which manages a portfolio of premier properties across Macao, entrusted [Solotech](#) as the supplier for The Venetian Macao based on their global reach and proven ability to deliver world-class experiences. That confidence mirrors Solotech's long-standing trust in ROE Visual, whose technical precision, reliability, and support have helped bring some of Solotech's most ambitious projects to life. The strength of this partnership, backed by years of successful collaboration on high-profile venues and live event environments, gave Sands China the assurance that both Solotech and ROE Visual could deliver under tight timelines, adapt to evolving design requirements, and meet the complex engineering demands of the NBA China Games project.



Choosing the Perfect Solution

The goal of the project was to create an LED display suspended above the basketball court that could deliver both functional and visually stunning content — including live game stats, player profiles, instant replays, sponsor content, and immersive show visuals. But for Sands China, the investment extends beyond a single event—they needed a solution they could permanently own, redeploy, and reconfigure across their portfolio of venues and special events. Choosing the right technology meant prioritizing adaptability, scalability, and long-term versatility.

During the evaluation process, Sands China and Solotech traveled to ROE Visual's headquarters in

Shenzhen to tour the demo space and manufacturing facility. This visit proved essential. Seeing Topaz firsthand showed not only its visual performance, but also its ability to be highly configurable—capabilities that would support both current projects at The Venetian Macao and future installations across other Sands China properties.



ROE Visual's Topaz 2.6, while originally engineered for the AV rental market, has demonstrated to be remarkably applicable to venues like The Venetian Macao. Its platform provides designers with exceptional visual performance, modular freedom, and long-term dependability. With its curving and modular flexibility, Topaz empowers designers to move beyond traditional flat LED walls and build dynamic, custom configurations tailored to each unique installation.

Expanding the Scope of Work and Navigating Challenges

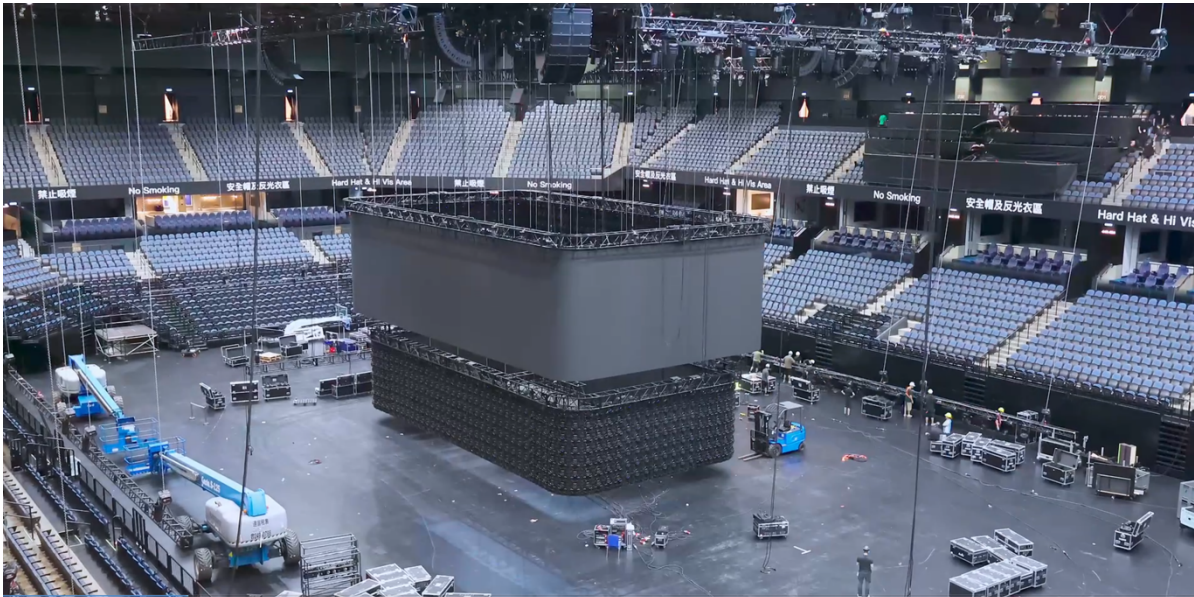
The original scope called for a conventional jumbotron-style display, focused primarily on exterior-facing screens for the audience. However, following creative direction and discussions from the NBA Legends Celebrity Game in 2024, Sands China Entertainment Department Management expanded the concept to a dual-surface configuration with both interior- and exterior-facing LED screens — increasing the total display area by nearly 60%. Unlike a traditional jumbotron, which only projects outward in four directions, this innovative setup ensured audiences from every vantage point — courtside, sideline, and upper tiers — could experience clear, dynamic visuals.



Solotech and ROE Visual rapidly adapted, navigating technical and logistical challenges to deliver the expanded solution without compromising quality, timeline, or performance. A key differentiator that demonstrated ROE Visual's expertise was the strategic forethought to stock LEDs from the initial binning, which guaranteed a perfect color match for the expanded second order. From initial PO placement to production, the turnaround was just three months with scope expansion only allowing one month, after which Solotech and Sands China immediately transitioned into installation to meet the demanding event schedule.

"ROE and Solotech really pulled out all the stops on delivery, even as our scope expanded late in the project. Their factory position and onsite support gave us the assurance and backing we needed for the NBA's return—both to Sands China Properties and to China." **Cormac Veale, Technical Director at Sands China**

In addition to the tight production timeline, the team had to overcome technical challenges. Designing a dual-surface LED structure that met NBA-regulated height requirements demanded both engineering creativity and precision. Although the interior and exterior displays were hung on independent truss systems, custom corner solutions had to be fabricated to support the precise, parallel geometry. Equally critical was the development of a detailed load-distribution strategy that could safely support both LED surfaces while preserving the required 12-meter clearance above the court.



These solutions—engineered collaboratively by Project Lead Technical Director Cormac Veale, Technical Engineering Craig Burridge, and Technical Head of Video Neal Watkins—demonstrate not only their technical expertise, but also the deep trust and unified problem-solving mindset shared between Sands China, Solotech, and ROE Visual.

A Successful Display of Teamwork and Technology

Installed exclusively for the two NBA China Games held on October 10 and 12, 2025, the system delivered the stunning visual experience all the teams set out to accomplish for this landmark return to China before being dismantled immediately afterward.

“Working with ROE on the project management side has always been consistently professional and highly responsive. Their communication was the linchpin in delivering an on-time and on-budget solution.” **Bob Barbagallo, Senior Vice President Intl Business Development at Solotech**

“Solotech has been an incredible partner for many years,” says **Jane Liu, Account Manager at ROE Visual**. “It’s a proud moment for ROE to see Topaz at The Venetian Macao and for it to be used in such a unique design.”



Although temporary in its configuration, the project represents a long-term investment in premium AV infrastructure. Since The Venetian Macao owns the ROE Visual Topaz panels, the technology can now be redeployed across Sands China's broader portfolio of resorts, arenas, and entertainment spaces—extending its value far beyond the NBA activation. This adaptability not only maximizes return on investment but also ensures lasting flexibility for future events, productions, and large-scale installations.

As one of the most ambitious AV projects in the region, the installation highlights Solotech's integration expertise, ROE Visual's product innovation, and The Venetian Macao's commitment to delivering world-class experiences. Together, the project showcases the power of immersive, large-format LED design within one of the world's most iconic destinations. It also reflects the broader context of Sands China's efforts to support Macao's rise as a premier sports-entertainment hub—demonstrated throughout NBA Week 2025 with fan events, celebrity appearances, the opening of Macao's first NBA Flagship Store at The Londoner Macao, and two thrilling preseason games between the Brooklyn Nets and Phoenix Suns.

About ROE Visual

ROE Visual delivers cutting-edge LED display technology that empowers creatives, designers, and technical professionals worldwide to bring their visions to life.

Founded in 2006, ROE Visual creates the world's finest LED display solutions by combining advanced technology, premium components, and a passion for innovation. This dedication has set ROE Visual as the industry standard in markets spanning Touring, Virtual Production, Broadcast, and Fixed Installation.

With headquarters in China and a robust network of regional offices, ROE Visual provides expert knowledge, personalized service, and comprehensive global support.

More info: www.roevisual.com/en/

About Solotech

Solotech, established in 1977, is a global leader in audiovisual and entertainment technology. The company offers comprehensive solutions in live productions, systems integration, and managed services, catering to a diverse clientele across corporate, institutional, and entertainment sectors. With over 2,000 employees and more than 20 locations worldwide, Solotech combines the expertise and resources of a global company with personalized local support to deliver innovative technological solutions that create unique experiences every time, everywhere.

For more: solotech.com

About Sands China Ltd.

Sands China is the largest operator of integrated resorts in Macao. The Company's integrated resorts on the Cotai Strip comprise The Venetian® Macao, The Plaza® Macao, The Parisian Macao and The Londoner® Macao. The Company also owns and operates Sands® Macao on the Macao peninsula. The Company's portfolio features a diversified mix of leisure and business attractions and transportation operations, including large meeting and convention facilities; a wide range of restaurants; shopping malls; world-class entertainment at The Venetian Arena, The Londoner Arena, The Venetian Theatre, The Parisian Theatre, the Londoner Theatre and the Sands Theatre; and a high-speed Cotai Water Jet ferry service between Hong Kong and Macao. The Company's Cotai Strip portfolio has the goal of contributing to Macao's transformation into a world centre of tourism and leisure. Sands China is a subsidiary of global resort developer Las Vegas Sands Corp. (NYSE: LVS).

For more information, please visit www.sandschina.com