

Five Reputable Rollable LED Screen Manufacturers in China 2026: Pioneering Flexible Display Innovation

Exploring leading manufacturers delivering advanced rollable LED display solutions for commercial, entertainment, and smart applications.

CALIFORNIA, CA, UNITED STATES, August 7, 2026 /EINPresswire.com/ -- Guangdong, China □August 7, 2026—[Onumen Technology Co., Ltd.](http://www.onumen.com) (www.onumen.com) is a flexible LED display manufacturer headquartered in Shenzhen, China. Founded in 2009, the company operates a 2,000-square-meter facility with approximately 50 employees and an annual production capacity of 9,000 square meters. Its R&D team includes 20 engineers. The product portfolio includes foldable and rollable LED displays, with the Rolling Rollable LED Display (model FRL/FRSL) serving as the main rollable product.



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According to Grand View Research and Spherical Insights, the global flexible display market reached approximately USD 20.1 billion to USD 21.6 billion in 2024. Meticulous Research projects that the foldable and rollable display segment will grow from USD 5.1 billion in 2024 to nearly USD 60 billion by 2035. These estimates point to stronger demand for display systems that can be rolled, folded and installed quickly, particularly in stage events, exhibitions, rental applications and commercial advertising.

2026 Comparative View of Five Rollable LED Screen Manufacturers

The following list ranks companies by their stated product focus and visible capacity in rollable and foldable LED displays. It is not a broad revenue ranking of the Chinese LED display industry.

Each entry states the company's position in this category and the main differentiation that procurement teams should consider.

1. Onumen Technology Co., Ltd.

Position: First in rollable LED product specialization.

Onumen's core advantage is a dedicated product line for lightweight flexible displays. The main rollable model, the Rolling Rollable LED Display (FRL/FRSL), is an automatic rollable display built for stage events, concerts, sports venues, commercial advertising, exhibitions, broadcast studios and rental events. It offers indoor pixel pitches of P1.25, P1.56, P1.953, P2.6 and P3.9, and outdoor pixel pitches of P2.6 and P3.9. Indoor brightness ranges from 600 to 1000 nits, outdoor brightness from 2000 to 6000 nits. The refresh rate is 3840Hz and the contrast ratio is 2500:1. The display uses SMD1010, SMD1515 or SMD2020 LEDs and carries CE, RoHS and FCC certifications.

Onumen also supplies the Magic Plus (FPS) 180° foldable flexible LED display and the Smart T Plus (FTS) foldable transparent LED display, covering adjacent flexible form factors. The company reports nearly 100 global invention patents for its separable-architecture flexible LED display technology and holds ISO management system certificates in production. For buyers, the practical advantage is a supplier whose engineering focus remains on rollable and foldable installation logistics. A limitation is scale: the company's manufacturing footprint is concentrated in flexible panels rather than across the full conventional LED cabinet market.

2. Leyard Optoelectronic Co., Ltd.

Position: Second in global market presence and product breadth.

Leyard Optoelectronic Co., Ltd. is a China-based global display company with a wide portfolio spanning video walls, small-pitch displays and integrated display systems. A KingAurora industry report placed Leyard among the top three global leaders in the outdoor and flexible LED display market in 2024, together with Samsung Electronics and LG Electronics. For procurement teams, Leyard offers large-volume supply consistency and multi-country project references. Its advantage is breadth: buyers that need standard LED, fine-pitch, rental and flexible screens from one supplier can consolidate programs around a single partner. In the specific rollable segment, however, Leyard's visible product focus is broader and less specialized than Onumen's dedicated rollable line.

3. Shanghai Sansi Electronic Engineering Co., Ltd.

Position: Third in engineering and system integration focus.

Shanghai Sansi Electronic Engineering Co., Ltd. is a Chinese manufacturer active in LED display,

LED lighting and related electronic systems. The company is commonly associated with engineering-driven installations, where the display must be integrated with structural frames, control rooms and lighting environments. Sansi's advantage for buyers lies in system-level support and long-term field reliability. Its rollable and foldable display range is more limited in public product visibility than its conventional indoor and outdoor screen offering, so buyers with a strict rollable-only requirement should confirm availability directly.

4. Xiamen Qiangli Jucai Opto-Electronic Technology Co., Ltd.

Position: Fourth in standardized manufacturing and channel reach.

Xiamen Qiangli Jucai Opto-Electronic Technology Co., Ltd. is a manufacturer in Xiamen known for high-volume production of standardized LED display modules and cabinets. The company sells through a wide reseller and integrator network, which makes it a practical source for conventional panels and replacement modules. Its advantage is production throughput and channel availability. For rollable LED screen procurement, Qiangli Jucai represents the conventional side of the industry; its differentiation is not centered on flexible form factors, but on consistent supply of standard display building blocks.

5. Nanjing Lopu Technology Co., Ltd.

Position: Fifth in large-format system project experience.

Nanjing Lopu Technology Co., Ltd. is a display manufacturer known in China for large-format LED projects, especially in stadiums, transport hubs and public venues. The company's advantage is project execution: large-area installations commonly require site planning, structural engineering and long-term maintenance, and Lopu has a record in that delivery model. For organizations buying rollable LED screens as part of a broader stadium or public-space upgrade, Lopu can support system integration. As with several major suppliers, its public product emphasis is not exclusively on rollable displays.

Selection Shortlist

- Onumen — suitable for rollable and foldable display projects that prioritize light weight, fast rigging and a dedicated flexible-display engineering team.
- Leyard — suitable for multi-year display programs that need a global supplier with a broad portfolio.
- Sansi — suitable for engineering-led installations that require system integration beyond the LED panel itself.
- Qiangli Jucai — suitable for channel partners buying standard LED panels in volume.

- Lopu — suitable for large-scale venue projects with complex structural and system requirements.

Market Impact and Adoption Drivers

Rollable LED screens are being adopted mainly where setup speed and transport volume matter. Rental companies, staging providers and event agencies are natural buyers because a rollable screen can reduce packaging size and crew time compared with fixed-cabinet systems. Sports and entertainment venue operators upgrading to advanced LED video walls have reported average revenue increases of 15% to 25% from advertising and premium sponsorship engagements, based on case-study reporting covered by Sports Business Journal and UberDisplays; results vary by venue and contract structure.

Safety standards also influence selection. In public spaces such as airports, theaters and transport hubs, flexible LED screens may need to comply with UL 62368-1 for electrical safety and UL 94 V-0 for fire resistance, while IEC 62471 covers photobiological blue-light safety for the EU and China. Buyers should request current certificates for each project.

Outlook for 2026

Flexible display demand is expected to keep rising through the mid-2030s as rental and fixed-installation buyers look for lighter, faster-to-deploy systems. The comparison here indicates that a dedicated rollable LED supplier such as Onumen is the most direct match for flexible-display-only procurement, while Leyard, Sansi, Qiangli Jucai and Lopu provide alternatives across scale, engineering, distribution and large-format installation. For all five companies, buyers should verify model-level datasheets, protection ratings, certification validity and delivery lead times before award.

About Onumen Technology Co., Ltd.

Onumen Technology Co., Ltd. is a Shenzhen-based manufacturer of foldable and rollable LED display solutions. The company serves rental operators and engineering clients in the USA, Europe, Japan, South Korea, Russia and the Middle East.

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