

## Experience ROE Visual's Most Advanced LED Technology at NAB

### 2025

**Chatsworth, USA (March 2025)** – ROE Visual is set to debut its latest LED innovations at NAB 2025, unveiling cutting-edge display technology at the Las Vegas Convention Center from April 6-9. ROE Visual will showcase a powerful lineup of high-performance LED solutions, designed to elevate broadcast, film, and live production with unparalleled image quality, precision, and versatility.

#### Experience the Future in Pixels, with ROE Visual.

Visitors to **Booth N2839**, North Hall, will have the opportunity to explore the latest advancements in LED technology, featuring micro-LED innovations, full-spectrum color accuracy, and next-generation processing.

#### Denali MIP 0.78 – Innovation Meets Visual Performance

ROE Visual introduces [Denali](#) MIP 0.78, setting a new standard in ultra-fine pixel pitch LED displays. Utilizing MIP technology and Fan-Out package technology, Denali ensures **exceptional contrast, deep blacks, and flawless visual uniformity**. Its common cathode, flip chip Micro LED design reduces energy consumption by up to 40%, while maintaining low panel temperatures for superior color performance and extended lifespan. Built for high-profile fixed installations, Denali delivers unmatched precision and stability, making it an ideal solution for a wide variety of creative applications.

#### Coral - Sustainable Superior Visual Performance

[Coral](#) is developed for demanding applications like broadcasting and corporate environments, where precision is key. The Coral CR1.2 panel represents a leap in HD-LED technology, leveraging **COB (Chip on Board) LED technology** for superior performance. The Coral panel offers high contrast, a wide color gamut, and exceptional color accuracy, ensuring a stunning high-definition viewing experience. With a brightness of 1000 nits, a refresh rate of 7680Hz, and an 8:9 aspect ratio supporting native 4K or 8K resolutions, the Coral series sets a new standard for visual quality and energy efficiency in the industry.

#### Ruby 1.9 – Powered by Deepsky for Unrivaled Precision

[Ruby](#) RB1.9 is a **premium, feature-packed** LED solution for virtual production and XR, further enhanced with Deepsky's LED Processing for unmatched precision and consistency. With 19-bit processing, it delivers exceptional grayscale accuracy, ensuring **deeper detail in low-brightness** scenes. Advanced thermal management with real-time temperature correction from 512 sensors per tile maintains consistent image quality and long-term reliability, making Ruby RB1.9 the go-to choice for high-end XR, broadcast, and fixed installation applications.

**Carbon Full Spectrum – Color Reimagined**

[Carbon Full Spectrum](#) introduces two advanced LED solutions, each designed for precise color rendering and optimized for professional production environments. Attendees at NAB 2025 can compare Carbon RGB, RGBW, and RGBCA side by side in a dedicated booth demo to experience their unique capabilities.

- **Carbon RGBW** (Powered by Brompton Technology) – Incorporates red, green, blue, and warm white subpixels, utilizing Brompton's True Light algorithm to achieve superior spectral quality and accurate color representation. With a high CRI, it excels in studio lighting applications, particularly in warm tones (2700K–5000K).
- **Carbon RGBCA** (Powered by Megapixel) – Features red, green, blue, cyan, and amber subpixels, offering fine-tuned spectral control across every hue, color, and video source for consistent color accuracy across complex lighting conditions. Its power efficiency is also a standout, with lower energy consumption than RGBW, making it a cost-effective choice for virtual production environments.

ROE Visual will also showcase several standout innovations in its NAB 2025 lineup, like the [Black Marble BM2i](#) with interactive capabilities, making it ideal for immersive productions. Additionally, the [Topaz](#) series, including flat and curved configurations, will be on display, offering versatile solutions for creative stage designs.

**Engage with ROE Visual at NAB 2025**

Attendees can experience live product demonstrations, engage with ROE Visual's global team of experts, and explore the latest advancements in LED display technology firsthand. Whether you're in broadcast, film, live events, or virtual production, ROE Visual's solutions are designed to elevate visual storytelling and production capabilities.

**Join Us at NAB 2025 – Attend for Free!**

Use code **NS3253** to register for complimentary event access and experience ROE Visual's industry-leading innovations at **Booth N2839**.

**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: <https://www.roevisual.com/en/>