Luminus Introduces LUX Pro and Gen6+ COB LED Platforms, Setting New Benchmarks in Efficacy, Color Quality, and Real-World Performance

SUNNYVALE, Calif., March 3, 2026, Luminus Devices today announced two Chip-on-Board (COB) LED platforms: LUX Pro and Gen6+. Purposefully differentiated, the platforms give lighting architects, engineers, and OEMs a clear choice: premium color quality and high efficacy with LUX Pro, or proven mainstream performance and unmatched portfolio breadth with Gen6+, both validated under real operating conditions.

LUX Pro: Premium Color Rendering at 200+ lm/W-Class Performance

LUX Pro is Luminus' highest-performance COB platform for color-critical applications. Its narrow-band red phosphor architecture delivers up to 200+ lm/W-class efficacy while sustaining 90–95 CRI with enhanced red spectrum content—eliminating the traditional tradeoff between color rendering and efficiency. The result is visual warmth and color fidelity preferred in retail, hospitality, museum, and high-end architectural environments, all in a Brilliant White COB optimized for premium luminaire designs.

Gen6+: Real-World System Performance and Unmatched Platform Breadth

Gen6+ represents Luminus' core COB platform engineered for scalable system performance across the temperature and drive current ranges where luminaires actually operate.. It offers one of the broadest COB portfolios in the industry:

- **Lumen packages:** Hundreds to 20,000+ lumens, accommodating accent lighting through high-output architectural installations
- **Light-emitting surface (LES) options:** 4.5 mm to 32 mm for precise optical control across beam and form factor requirements
- **Full CCT coverage:** 2200K to 6500K, spanning warm decorative through cool daylight applications
- **Long-term reliability:** LM-80 qualified for 11,000 hours at Tc = 105°C, with L80B50 lifetimes exceeding 100,000 hours under typical conditions

Design Once, Choose Either Platform

LUX Pro and Gen6+ are fully mechanically and electrically compatible within the same LES size. For a given LES—from LES-9 through LES-23—fixture manufacturers can use identical optics, holders, and drivers across both platforms. This means a single luminaire design supports both product lines without hardware changes, giving OEMs and designers the flexibility to offer premium color performance (LUX Pro) or mainstream scalable performance (Gen6+) from a common platform. Design once, then choose based on application and cost requirements.

The Right Tool for Every Application

LUX Pro and Gen6+ are purposefully differentiated to give the lighting community the right tool for each application category:

- **Architects and designers** specifying color-critical environments benefit from LUX Pro's superior CRI, enhanced red rendering, and premium visual appearance.

- **Engineers and system designers** gain reliable, real-world performance with Gen6+'s thermal stability, broad lumen range, and consistent efficacy under operating conditions.
- **OEMs and fixture manufacturers** can streamline development with platform-wide compatibility, a wide optical selection, and the flexibility to serve both premium and mainstream markets from a unified COB family.

Meet Luminus at Light + Building 2026

Visit us in **Frankfurt, Germany | Hall 8.0, Stand C10 | March 8–13, 2026**

Luminus representatives will be available for technical discussions, product demonstrations, and design consultations throughout the show.

About Luminus

For nearly 20 years, Luminus Devices has been at the forefront of LED technology, solving the lighting industry's most demanding challenges. Luminus designs and manufactures high-performance solid-state lighting solutions for general illumination, specialty lighting, and emerging applications across healthcare, industrial, automotive, and entertainment sectors. Luminus LEDs are recognized for exceptional color quality, beam precision, energy efficiency, and longevity. www.luminus.com.

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