



Luminus Unveils Groundbreaking Gen2 XBT-3535 Series *Expanding UV Wavelength Options and Improving Performance*

SUNNYVALE, Calif., December 13, 2023, [Luminus Devices](#), a pioneer in advanced illumination solutions, proudly announces the official launch of its Gen2 XBT-3535 series, a groundbreaking addition to its extensive UV LED portfolio. Boasting multiple wavelength options, including 265 nm, 275 nm, 285 nm, 308 nm, and 340 nm, this release solidifies Luminus as a leader with one of the most comprehensive portfolios in the industry.

The Gen2 XBT-3535 series seamlessly complements Luminus's existing UVA and near-UV portfolio, which includes 365 nm, 385 nm, 395 nm, 405 nm, and 415 nm. In a significant expansion into the UVC wavelength range, the XBT-3535 series is now available in 265 nm, alongside the previously offered 275 nm, specifically tailored for air, water, and surface disinfection applications. A lower power, cost-effective "Mini" version is also available in 275 nm with a power output of 20 mW at 150 mA. Murali Kumar, Business Line Director at Luminus comments, "What sets the 265 nm wavelength apart is its remarkable 56% improvement in disinfection efficiency compared to 280 nm, surpassing even the 22% increase achieved with 275 nm. Delivering an impressive output power of more than 60 mW at 500 mA, the XBT-3535 series outperforms its Gen 1, 275 nm predecessor, in both disinfection performance and cost-effectiveness (\$/mW)."

In the UVB range, the XBT-3535 series introduces two options: 285 nm and 308 nm. The 285 nm variant, designed for horticulture and analytical instruments, boasts a performance exceeding 85 mW at 500 mA. On the other hand, the 308 nm variant, available in the "Mini" version, offers a cost-effective solution for phototherapy and, horticulture, delivering a power output of more than 30 mW at 150 mA.

Catering to medical and analytical applications, the XBT-3535 at 340 nm stands out with a powerful 90 mW output at 500 mA. Currently, the 265 nm, 275 nm, and 285 nm wavelengths are in production and available, with orders now also being accepted for the 308 nm and 340 nm variants, slated for production in Q1, 2024.

With the Gen2 XBT-3535 series, Luminus continues to lead the industry, providing cutting-edge solutions that redefine the boundaries of performance and versatility. For more information, please visit www.luminus.com or contact sales@luminus.com.

About Luminus Devices

Luminus Devices develops and markets solid-state lighting solutions (SSL) to help customers migrate from conventional lamp technologies to long-life & energy-efficient LED illumination. Combining technology originated from MIT with innovation from Silicon Valley, Luminus offers a comprehensive range of LED solutions for global lighting markets as well as high-output specialty solutions for performance-driven markets including consumer displays, entertainment lighting and medical applications.

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XBT-3535: Available in 265 nm, 275 nm, 285 nm, and 340 nm



XBT-3535-Mini: Available in 275 nm and 308 nm