



Luminus breaks the \$0.10 per mW barrier for UVC LEDs

The key milestone enables the large-scale deployment of UVC LEDs in disinfection applications and accelerates the displacement of mercury lamps

SUNNYVALE, Calif., April 21, 2020, [Luminus Devices](#) announces the immediate availability of its newest [UVC LED, the XBT-3535](#), with performance ranging from 50 mW to 80 mW in the 275-285 nm range. With the global need for disinfection and sterilization devices increasing, the price-performance combination of the XBT-3535 will allow companies to quickly bring novel and affordable solutions to market.

The germicidal effectiveness of UVC LEDs against E-coli, MRSA and a variety of pathogens has been well documented. UVC LEDs with wavelengths less than 280 nm are shown to be as or more effective than mercury lamps for disinfection and sterilization. However, performance, cost, and lifetime have been, in some combination, the factors slowing adoption of UVC LEDs.

“Luminus’ mission is to improve people’s health and wellness by making LED based disinfection technology universally affordable in healthcare, water- and air-purification applications,” said Murali Kumar, Director of Specialty Marketing. “Our latest devices, like the new [XBT-3535](#) from Luminus, now have median lifetimes well in excess of 10,000 hours at nominal operating conditions, their increased power output minimizes the number of LEDs required in a system, and pricing in volume has been reduced to a level below \$0.10/mW. The convergence of these three factors makes the large-scale deployment of UVC LEDs practical and accelerates the phase out of lamps containing harmful substances such as mercury.”

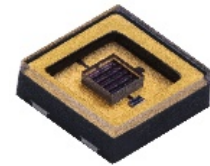
The new XBT-3535 complements Luminus’ current portfolio including the XBT-1313, a 5 mW LED optimized for low power, cost sensitive applications and the XST-3535, a 60 mW UVC LED designed for applications requiring focused light.

Luminus XBT-3535 is available immediately from [authorized distributors](#).

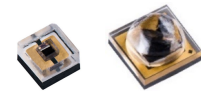
About Luminus Devices, Inc.

Luminus, Inc. develops and markets solid-state lighting solutions (SSL) to help its customers migrate from conventional lamp technologies to long-life and energy-efficient LED illumination. Combining technology originated from the Massachusetts Institute of Technology (MIT) with innovation from Silicon Valley, Luminus offers a comprehensive range of LED solutions for global lighting markets as well as high-output specialty lighting solutions for performance-driven markets including consumer displays, entertainment lighting and medical applications. Luminus is headquartered in Sunnyvale, California. For additional information please visit <http://www.luminus.com>.

Contact: Luminus Devices, Inc.
E-mail: mkumar@luminus.com



XBT-3535 shown above breaks the \$0.10 / mW threshold at 50-80 mW.



The XBT-1313 and XST-3535 serve low power and focused applications respectively.