



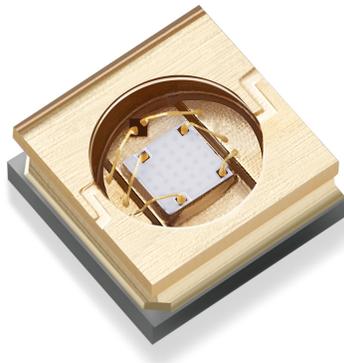
Luminus Releases SBT-10X UV-A LED with up to 75% Increase in Power Density *Highest Output UVA 3535 Available*

SUNNYVALE, Calif., November 16, 2022, [Luminus Devices](#) has announced the release of the SBT-10X-UV LED series, an innovative surface mount device (SMD) that utilizes Luminus' latest Gen5 die architecture. Delivering up to 75% higher output than Luminus' Gen4 die, the Gen5 technology achieves an industry leading flux of up to 5W from a single 1 mm² class chip. As such, it improves end-system performance for the most demanding curing applications including 3D printing, curing and maskless lithography, where maximum flux density directly translates to faster curing and higher productivity.

The Gen5 technology integrates know-how in very high intensity chip structures that Luminus has developed and improved for over 15 years. This technology achieves excellent reliability at drive conditions often 2x what the competition supports. It is available in 365nm, 385nm, 395nm, 405nm and 415nm wavelengths and comes in a compact 3.5 mm x 3.5 mm surface mount cavity package with a flat borosilicate cover helping maximize optical coupling efficiency into the end system.

David Nowak, Senior Marketing Manager, comments, "The SBT-10X brings our Gen5 technology in its most compact form factor which will help accelerate adoption in a wide range of industrial systems that are starved for UV-A curing performance. We are especially excited to enable more compact, affordable high-resolution 3D printers that will help accelerate the adoption of the technology in prosumer segments thanks to affordable and compact printers that do not sacrifice quality."

The SBT-10X LEDs are immediately available through [Luminus' authorized distributors](#).



For a full list of features, applications and benefits visit https://download.luminus.com/datasheets/Luminus_SBT-10X-UV_Datasheet.pdf.

About Luminus Devices

Luminus Devices 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>.

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