



Luminus Expands Comprehensive Range of Gen 2 CCT Tunable COBs

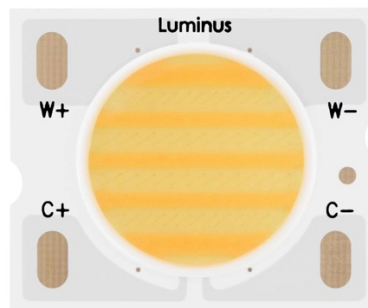
Continuing to Deliver the Industry's Highest Flux and Efficacy

SUNNYVALE, Calif., March 4, 2024, [Luminus Devices](#) is proud to announce the expansion of its Gen 2 CCT tunable chip-on-board portfolio with the introduction of the CTM-18 and CTM-22. Both new COBs feature the same 6500K to 2700K color combination of the earlier released CTM-6, CTM-9 and CTM-14, along with two additional CCT ranges: 4000K to 1800K and high melanopic 5000K Salud™ to 2200K. The Luminus Gen 2 CCT tunable COBs are now available in three CCT ranges and five sizes, with light emitting surface (LES) diameters of 6, 9, 14, 18, and 22mm. Each of these provides industry-leading efficacy (lumens/Watt) and flux density, enabling customers to drive at higher currents to enable longer throws and more “punch” in their spot lights.

These innovative Gen 2 COBs boast two independent channels, offering warm and cool white with over 90 CRI. Engineered with a multi-stripe design, they ensure excellent color mixing and high flux density, perfect for directional lighting applications. With the ability to achieve system beam angles ranging from 10 to 40 degrees using standard secondary optics, customers can enjoy uniform color output and exceptional light quality. The three available CCT range options, coupled with consistent white light <3 SDCM, makes these COBs ideal for a wide range of applications, including commercial, residential, offices, human-centric lighting, museums, healthcare, retail stores, hospitality venues, and circadian lighting setups.

Customers benefit from a wide array of optics, holders, and connectors compatible with the industry-standard footprints commonly used for two-channel COBs.

David Davito, Senior Director of Global Product Marketing, Illumination at Luminus, emphasizes “the industry-leading efficacy and flux density of these Gen 2 products are meeting the growing demand for tunable CCTs to provide healthy lighting environments with adaptable tones. The quality of light is equally impressive, as these COBs enable the creation of narrow beams with smoother color mixing, providing a seamless dynamic directional lighting solution.”



All Luminus color tuning products are now available through [Luminus' authorized distributors](#).

For a full list of features & applications visit <https://www.luminus.com/products/dynamic-cob/cct-tunable>.

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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