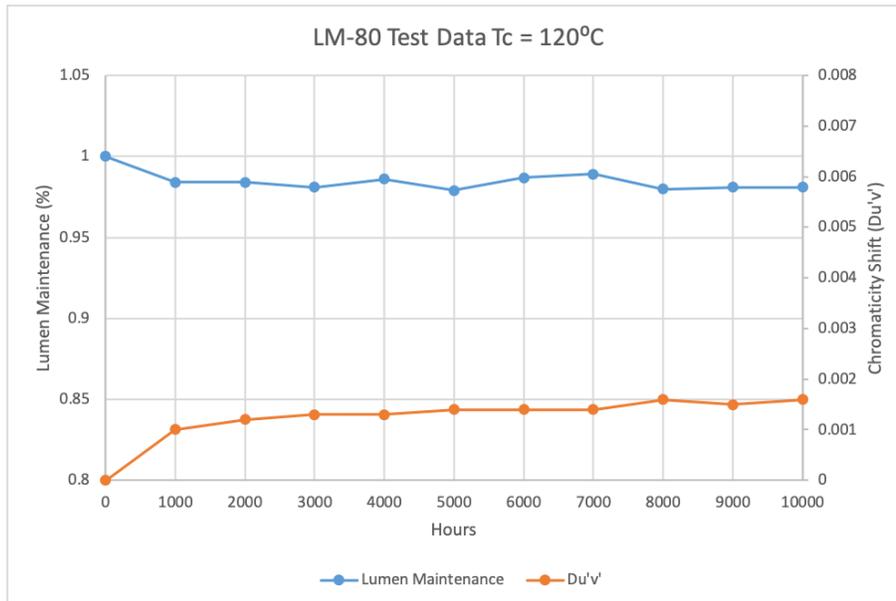




Luminus Releases Generation 4 High Density COBs with Robusto™ Technology *Best Lumen Maintenance and Color Stability at High Temperatures*

SUNNYVALE, Calif., March 24, 2022, [Luminus Devices](https://www.luminus.com) introduces the next Generation for high lumen density, white COB arrays featuring the latest enhancement to improve maximum operating temperature, Robusto technology. High lumen density parts are used in narrow beam applications where Center Beam Candle Power (CBCP) is the key metric. While this depends on the specific beam angle and power level, the high lumen density parts typically deliver two times or greater lumen density than standard parts. Higher temperature operation means more luminaire design flexibility and lower potential cost with, for example, smaller, lighter heat sinks. These Generation 4 high lumen density parts provide stable lumen output and color points with temperatures as high as $T_c = 120^{\circ}\text{C}$. Robusto technology has the ability to enable higher drive currents while still delivering exceptional lumen maintenance (L90>55k hrs.) and remarkably stable color points. This line of COBs has outstanding color quality, high lumen intensity, and the industry's best flux and color stability over their operating life, all which make them the preferred solution for narrow beam, high CBCP applications in retail and shop lighting, hospitality lighting, architectural and specialty lighting.

David Davito, COB Product Line Director, Illumination at Luminus, shares why this new product line has so much to offer. "The new Generation 4 high lumen density parts offer the ultimate in COB flux density. This is complimented by Robusto technology which enables higher operating conditions while maintaining steady lumen maintenance and color stability. With Robusto technology, Luminus' high density COBs are able to provide customers with higher levels of CBCP, consistent color and flux over the life of the luminaire."



For a full list of features, applications and benefits visit <https://www.luminus.com/products/cobarrays/high-density-gen4>.

About Luminus Devices, Inc.

Luminus Devices, 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: Tom Jory

E-mail: tjory@luminus.com