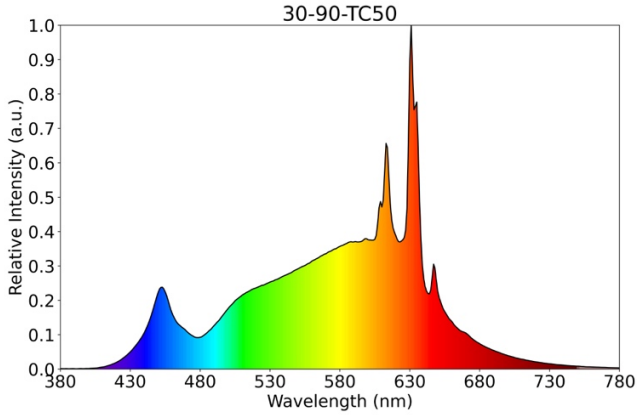
Luminus Releases LUX COB Series with 90 and 95 CRI Minimum

Leading in Quality of Light for a Variety of Applications

SUNNYVALE, Calif., May 18, 2023, Luminus Devices is excited to announce the immediate availability of the LUX COB series. These innovative new COBs are available in both 90 and 95 CRI minimum and LES sizes from 4 to 22mm in a variety of flux densities and a full range of CCTs. The 90 CRI minimum delivers high quality of light with the lumen/watt efficacy of an 80 CRI source, thus enabling luminaire makers to reduce SKUs by eliminating the need for 80 CRI products. Both the 90 and 95 CRI minimum versions use narrow band red phosphor (Current KSF) technology to deliver outstanding performance and quality of light for a variety of lighting applications including retail, residential, hospitality, architectural, museum, downlights, track lights and spot lights.

Dave Davito, COB Product Line Director at Luminus adds, "The LUX COB series is an exciting addition to the Luminus COB portfolio as they are available in not only 90 CRI minimum, but we went a step further to offer an optional 97 CRI typical, 95 CRI min, with efficacy similar to what our competitors' 80 CRI COBs have been delivering in recent years. For example, the LUX 95 CRI min CLM-22 provides 157 lumens/W and the 90 CRI version reaches an amazing 176 lumens/W. Luminaire makers who received prototype samples have already been loading orders on us faster than any new product in our 10-year COB history."

Luminus has developed a reputation in the LED market as the leader in quality of light, and lighting designers are specifying Luminus in projects where their end users are most discerning and demanding, such as retail lighting, museums, hospitality, and high-end residential. The launch of the LUX COB series further solidifies Luminus' leadership position and does so without having to sacrifice efficacy. European customers in particular are planning to leverage the LUX COBs to help their end customers qualify for energy efficiency rebates, which require the entire fixture system (including optics and drivers) to achieve 120 lumens/W. Since energy costs have risen sharply worldwide, and everyone is demanding higher quality of light in parallel, the timing of the Luminus LUX COB product release is fortuitous indeed.



Correlated Color Temperatures	CRI Minimum	CRI Typical	TM-30-18 (3000K)	*R9
2400K, 2700K, 3000K, 3500K, 4000K, 5000K, 6500K	>90	92	Rf=91, Rg=100	>50
2700K, 3000K	>95	97	Rf=94, Rg = 102	>85
3500K, 4000K, 5000K				>75

**R9 values have a tolerance of +/- 5%*

The LUX COB Series is now available through Luminus' authorized distributors. For a full list of features & applications visit www.luminus.com/products/cobarrays/lux-cob.

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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