

Luminus and Cuvée Systems Release Full Solution for Film, Stage and TV Studio Lighting

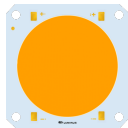
CVM-45 COB Arrays Combine with the MVMC Driver for a Full Solution with a 5-year Warranty

SUNNYVALE, Calif., November 30, 2021, [Luminus Devices](#) is excited to introduce the CVM-45 COB arrays, specifically designed for studio and stage lighting, the first in a family of Robusto™ products. This new line from Luminus is able to deliver incredible 90% lumen maintenance and color stability beyond 36k hours, even at case temperatures as high as 120C. The first of the Robusto products, the CVM-45 COBs have outstanding color quality, high lumen intensity, and the industry's best flux and color stability over their operating life. The CVM-45, at 400W to 600W, delivers up to two times the flux levels of conventional metal halide sources, due to its high lumen output and directional emission – no more “replacement bulbs” needed. Over 50,000 lumen output is achievable at 5600K and 500W, with >95 TLCI and CRI, and >20k hours lumen maintenance. David Davito, COB Product Line Director, Illumination at Luminus, shares his enthusiasm for this new product line, “Combining outstanding color quality, 50,000 lumens of intensity, and the industry's most stable flux and color, the CVM-45 gives the film and TV industry the high output light source they can rely on for any project.”

In an effort to streamline the design process, customers can pair the CVM-45 COBs with the [Cuvée Systems](#) recently released [MVMC driver](#) to create a full solution. The MVMC Series of LED drivers has been designed for mid-voltage, mid-current applications that are common to entertainment, industrial, and general lighting solutions. Supporting outputs of up to 10 Amps and 60V, the >500 Watt rated drivers offer excellent dimming flicker-free performance, and active thermal management to monitor LED temperature, current, and voltage. Kin Chan, Director of Product Management explains, “Our MVMC drivers can drive high voltage, high power LED arrays with precise deep dimming and flicker free which is needed for excellent high definition filming.”

For a full list of features, applications and benefits of the CVM-45 COB arrays visit https://download.luminus.com/datasheets/Luminus_CVM-45_Datasheet.pdf. For a full list of features, applications and benefits of the MVMC driver visit http://cuveesystems.com/wp-content/uploads/2021/08/Cuvee_MVMC_Driver_DS.pdf. As with other compatible Luminus COB and Cuvée LED driver combinations, the solution comes with a combined 5-year system warranty that covers both the LED and the driver. Both product lines are available through Luminus' [authorized distributors](#).

Generation 4 CVM-45 COB Arrays



- High lumen output
 - Maximum 59,000 lm @ 3150K, 85°C
 - Maximum 63,000 lm @ 5600K, 85°C
- 3150K and 5600K CCT
- 95 CRI minimum
- 90 TLCI minimum
- Excellent optical emission uniformity and color over angle consistency
- Exceptional long-term color stability

MVMC Drivers At-A-Glance



- 12 to 70 VDC input
- 1-10A output
- 3 to 60V output
- Rated to >500W
- Support 0-10V/PWM dimming protocol
- Active thermal management

###



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: Tom Jory **Email:** tjory@luminus.com

About Cuvée Systems

Cuvée Systems is on a mission to bring the most innovative power electronics to life. Our focus is on combining world class design, high-volume manufacturing, and in-depth application experience to create sleek, reliable, high performance power electronics for the lighting industry. Cuvée has business hubs in Sunnyvale, CA and Xiamen, China enabling the best of both worlds with the talent and leading-edge technology in the Silicon Valley while leveraging the manufacturing prowess and economics of our China based production factories. We bring power-to-light solutions that enable the next generation lighting systems. www.cuveesystems.com

Contact: Ray Chock **E-mail:** info@cuveesystems.com