



Luminus Releases MP-7070 High-Performance LEDs

Excellent Optical Performance in Outdoor and Industrial Environments

SUNNYVALE, Calif., January 18, 2023, [Luminus Devices](#) announces the launch and immediate availability of a new high efficacy family of 7070 mid-power LEDs designed for high-performance and long-term reliability. These new MP-7070 LEDs are available in both a 12V (MP-7070-4600 series) and 36V (MP 7070-T200 series) and are made with sulfur-resistance coating technology for long lumen maintenance in outdoor and industrial environments. While nominal drive conditions operate the device around 8W, customers can use these products in a range from 5W to 15W to maximize the lumen/Watt or lumen/\$ values, respectively. In a square 7x7mm package, with a 6.3mm diameter round light emitting surface (LES), the MP-7070 delivers excellent optical performance in both narrow beam and wide beam flood light applications. While competitors' 7070 products have a square LES, Luminus' round LES delivers higher optical efficiency and attractive beam shape, especially in narrow beam optical systems. In addition, they are compatible with both automatic placement equipment, and infrared reflow solder processes, and are RoHs and REACH compliant. The MP-7070 LEDs allow illumination engineers and designers to develop lighting solutions with maximum efficacy, brightness, and overall quality.

What makes the MP-7070s stand out from other 7070 LEDs? Tom Jory, VP of Illumination Marketing, highlights "Customers have been asking for a powerful, robust SMT emitter with high efficacy, reliability, affordability, and Luminus' outstanding quality of light. Our engineers have delivered on all of these requests and further differentiated from the competition by packing it all into a 6.3mm diameter round LES, which delights optical engineers with a small source size for optimal efficiency in narrow-beam directional optical systems."

This product line is now available through [Luminus' authorized distributors](#).



3000K 80CRI Nominal Specs	MP-7070-4600	MP 7070-T200
Voltage	12	36
Current	700	240
Input Power	8.4	8.64
Typical Flux	1380	1395
Typical lm/W	164	161

For a full list of features, applications and benefits visit <https://www.luminus.com/products/standardmidpower>.

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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