



Luminus Releases MP-5050s with High Efficacy

SUNNYVALE, Calif., July 9, 2024, [Luminus Devices](#) a pioneering leader in lighting technology, is proud to announce the launch of its latest innovation, the MP-5050-240E and the MP-5050-810E, delivering efficacy of 233 lumens per watt at 4000K*. These new mid-power LEDs exceed the standards in outdoor and industrial lighting applications, offering incredible levels of performance and efficacy.

These two new product families meet the stringent requirements of DLC Premium, ensuring top-tier energy efficiency and sustainability. With an impressive L90 rating of over 36,000 hours, this product promises long-lasting performance and reliability for years of worry-free operation, providing safety and excellent visibility to users.

Key Features and Benefits:

- **Unmatched Efficacy:** Delivers an industry-leading 233 lm/w at 4000K*, setting a high standard for efficiency in lighting technology
- **DLC Premium Capability over a Wide Operating Range:** Meets the highest standards of energy efficiency and performance, contributing to significant energy savings
- **Exceptional Longevity:** L90 ≥ 36,000 hours at high temperature and high current, ensuring consistent and long-term illumination
- **Superior Thermal Management:** Low thermal resistance design enables superior thermal dissipation, enhancing overall efficiency and performance
- **Versatile Applications:** Ideal for a wide range of outdoor and industrial luminaire applications including streetlights, area lights, parking lights, post-top lights, floodlights, stadium lights, tunnel lights, and high-bay lights
- **Enhanced Compatibility:** Available in 6V (240E) and 24V (810E) options, providing flexibility and compatibility with economical high-performance drivers
- **Uniform Light Distribution:** Square LES design offers uniform light distribution, optimizing the optical design process for more controlled and directed light beams
- **Color Uniformity:** Available in 3-step and 5-step MacAdam ellipse binning, guaranteeing superior color uniformity for consistent and high-quality illumination

*at 70 CRI & 1 Watt

Kenan Chen, Senior Product Marketing Manager, notes, “the 5050 package has emerged as the workhorse in many high lumen applications, and Luminus’ customers are already adopting these latest new 240E and 810E products to stay a step ahead of their competitors in major streetlight projects and industrial High Bays.”

For more information visit <https://luminus.com/products/color/monochromatic-smd> or email sales@luminus.com.

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 and laser 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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