

## New Product Announcement

# Now at Mouser: Lumileds LUXEON 5050 LEDs Offer Lower Cost-per-Lumen

**December 8, 2016** – [Mouser Electronics](http://www.mouser.com), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now stocking [LUXEON 5050](#) multi-die LEDs from [Lumileds](http://www.lumileds.com). The LUXEON 5050 package provides high flux at high efficacy, enabling designers to reduce LED count and cost in [industrial](#), indoor, and outdoor [lighting](#) fixtures.

The [Lumileds LUXEON 5050 LEDs](#), available from Mouser Electronics, use an industry-standard 5050 surface mount package with a small, 4.6mm light-emitting surface (LES) to make it easier to achieve high center beam candle power, enabling single-optic and directional fixture designs. The LEDs are available in color rendering indexes (CRI) of 70, 80, and 90 and color temperatures from 2700K to 5700K. Hot-color targeting ensures that these LEDs are within their color target at application conditions of 85 degrees Celsius.

The LEDs operate on a typical forward voltage of 24.5V, which enables the use of low-cost and high-efficiency drivers for all solid state lighting applications. The LUXEON 5050's surface mount device package features a thermal resistance of 1.9 K/W, which greatly reduces thermal management needs, and the LEDs are binned within 3-step and 5-step MacAdam ellipses to ensure color uniformity.

For more information, visit <http://www.mouser.com/new/lumileds/lumileds-luxeon-5050-led/>.

With its broad product line and unsurpassed customer service, Mouser caters to design engineers and buyers by delivering What's Next in advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is updated many times daily and searches more than 10 million products to locate over 4 million orderable part numbers available for easy online purchase. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

### **About Mouser Electronics**

Mouser Electronics, a subsidiary of TTI, Inc., is part of Warren Buffett's Berkshire Hathaway family of companies. Mouser is an award-winning, authorized semiconductor and electronic component distributor focused on rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 4 million products from more than 600 manufacturers. Mouser offers 22 support locations around the world to provide best-in-class customer service and ships globally to over 500,000 customers in 170 countries from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit [www.mouser.com](http://www.mouser.com).

### **About Lumileds**

Lumileds is the global leader in light engine technology. The company develops, manufactures and distributes groundbreaking LEDs and automotive lighting products that shatter the status quo and help customers gain and maintain a competitive edge. With a rich history of industry "firsts," Lumileds is uniquely positioned to deliver lighting advancements well into the future by maintaining an unwavering focus on quality, innovation and reliability.

### **Trademarks**

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