

## New Product Announcement

# Lumileds' High-Power LUXEON V2 LEDs for Directional Lighting Applications Now Available at Mouser

**December 26, 2018** – [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 the [LUXEON V2](#) LEDs from [Lumileds](#). Based on a 2 mm<sup>2</sup> chip scale package (CSP) die, the compact, 3.5 mm × 3.5 mm LEDs deliver high efficacy at high drive current, making them an ideal choice for a variety of heavy-duty [lighting](#) applications, including outdoor, architectural, stadium, street, and high-bay and low-bay fixtures.

The [Lumileds LUXEON V2](#) high-power LEDs, available from Mouser Electronics, are designed to deliver a Lambertian radiation pattern with 99 percent of the light directed forward. The LEDs deliver 160 lumens per watt and 10 percent more flux at 1 A than similar LEDs. The devices' high drive current capability of up to 2.4 A meets the needs of applications requiring maximum flux output.

The LUXEON V2 LEDs are available in color temperatures ranging from 4000 K to 6500 K and a minimum CRI of 70. The LEDs are housed in a 3535 ceramic package with three-stripe footprint and are designed to match the radiation pattern of Lumileds' [LUXEON TX Series](#) to enable drop-in compatibility and accelerate time to market. The LEDs operate over a case temperature range of minus 40 to 135 degrees C and a low thermal resistance substrate of 3.0 K/W, simplifying the thermal design of indoor and outdoor fixtures.

To learn more, visit [www.mouser.com/lumileds-luxeon-v2-led](http://www.mouser.com/lumileds-luxeon-v2-led).

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering 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 continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

### **About Mouser Electronics**

Mouser Electronics, a Berkshire Hathaway company, 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 5 million products from over 750 manufacturers. Mouser offers 23 support locations around the world to provide best-in-class customer service and ships globally to over 600,000 customers in more than 220 countries/territories 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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