

New Product Announcement

Mouser Electronics Now Stocking Cree's Next-Generation XLamp XHP70.2 LEDs

July 25, 2017 – [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 XLamp® [XHP70.2](#) LEDs from [Cree](http://www.cree.com). These second-generation Extreme High Power (XHP) LEDs deliver up to 9 percent more lumens and 18 percent higher lumens-per-watt (LPW) than the [first-generation XHP70](#) LEDs.

The [Cree XLamp XHP70.2 LEDs](#), available from Mouser Electronics, feature the same 7.0 mm × 7.0 mm footprint as the previous generation and provide an easy drop-in upgrade for customers with existing XHP70 designs. The LEDs provide a wide viewing angle of 125 degrees and up to 58 percent higher lumen density than the closest LED of the same size, enabling smaller luminaires and better optical control for high-lumen lighting applications.

In addition to light output and efficacy enhancements, the XHP70.2 LEDs improve optical uniformity through secondary optics, enabling lighting manufacturers to deliver better [lighting](#) performance. LM-80 data for the XHP70.2 LEDs is available immediately, which helps reduce the time required to receive ENERGY STAR® and DesignLights Consortium® qualifications.

The XHP70.2 LEDs are available from Mouser Electronics in ANSI White and Cree's 2-step, 3-step, and 5-step EasyWhite® correlated color temperatures (CCTs) ranging from 3000K to 5700K with high color rendering index (CRI) ratings options. The LEDs are configurable to 6 V/4800 mA or 12 V/2400 mA and are binned at 85 degrees Celsius.

For more information, visit <http://www.mouser.com/new/cree/cree-xlamp-xhp70-2/>.

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

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