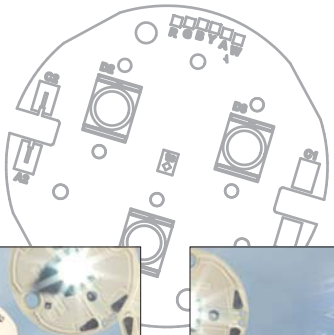
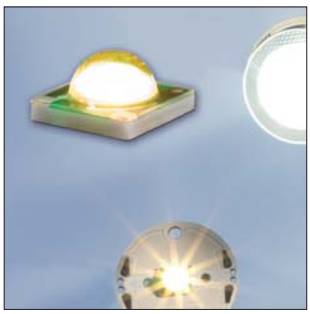
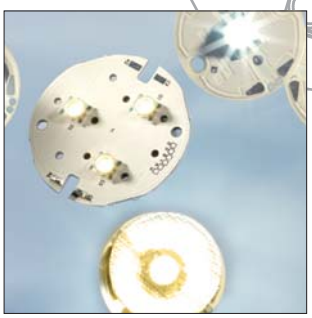
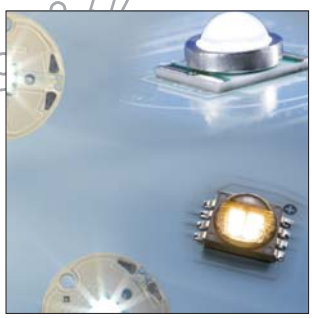
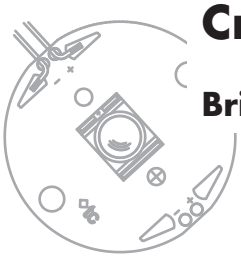
A New Lighting Experience











Cree™ XLamp LEDs

Bright Sensation

Vossloh-Schwabe Optoelectronic GmbH & Co. KG · Carl-Friedrich-Gauß-Str. 3 · D-47475 Kamp-Lintfort
Phone +49 (0) 28 42/980-0 · Fax +49 (0) 28 42/980-299 · www.vs-optoelectronic.com



In our capacity as the European distribution partner of Cree Inc., a US-American manufacturer, we are featuring their XLamp® High-Power LEDs which are set to redefine the standard for general lighting applications. These LEDs come in the smallest casing dimensions for general lighting purposes currently available on the market. VS Optoelectronic's team of LED specialists is looking forward to demonstrate product innovations and find individual solutions to suit your specific needs. Whether you require individual components or complete lighting systems, VS Optoelectronic is sure to have the right solution for any application.







Cree Online-Shop
VS Optoelectronic makes it possible for its customers to order online Cree XLamp® LEDs. With LEDs' covering a wide price range one can easily realize the most diverse of projects.

Cree XLamp® MCE Series
Cree XLamp® LEDs bring high performance and quality of light to a wide range of lighting applications, including colour-change lighting, portable and personal lighting, outdoor lighting, indoor directional lighting, commercial light and emergency-vehicle lighting.

Cree XLamp® XPE and XPC Series
Cree announces a new standard for lighting-class LEDs with the introduction of the XLamp® XP-E and XP-C LEDs. These breakthrough LEDs have the smallest footprint in the industry for lighting-class LEDs – providing the same high quality lighting performance and proven reliability as Cree XR-E and XRC LEDs in an 80% smaller package. Cree XLamps® LEDs bring high performance and quality of light to a wide range of lighting applications, including colour-change lighting, portable and personal lighting, outdoor lighting, indoor directional lighting, commercial light and emergency-vehicle lighting.

Cree XLamp® XRE and XRC Series
Cree XLamp® XRE and XRC Series LEDs combine the brightness of power LED chips with a rugged package capable of operating up to 1 Amp. Customers are choosing XLamps® XRE and XRC Series LEDs for lighting applications where high brightness is required in small form factor. The XRE and XRC Series comes in Cool, Neutral and Warm White, Royal Blue, Blue, Green, Amber, Red-Orange and Red. They are a standard surface-mount device that can be reflow soldered for automated production assembly. If features Cree's unique thermally neutral thermal path and contains no lead or mercury.

Cree XLamp® 4550
Cree XLamp® 4550 LEDs combine the brightness of power LED chips with a rugged package capable of operating in excess of 0.5 watts. Customers are choosing XLamp 4550 LEDs for lighting applications where high brightness is required in a small form factor. XLamp® 4550 comes in Red, Green, Blue and Amber. They are a standard surface-mount device that can be reflow soldered for automated production assembly. If features Cree's unique thermally neutral thermal path and contains no lead or mercury.

VS Optoelectronic is a company of the Panasonic Electric Works Vossloh-Schwabe Group. Vossloh-Schwabe is among the global leading manufacturers of components for light technology and offers an extensive, innovative and high-quality product range. Within this group, VS Optoelectronic forms the competence centre for LED technologies with its headquarters in Kamp-Lintfort, Germany. For further details please visit: **www.vs-optoelectronic.com**