Luminus Launches SST-12: The Revolutionary High-Power White LED with Round Emitter

SUNNYVALE, Calif., October 19, 2023, Luminus Devices, a pioneer in advanced lighting technology, is thrilled to announce the immediate availability of the SST-12, a groundbreaking high-power white LED featuring a patented round emitter. This innovation sets a new standard in directional lighting by significantly enhancing the quality and brightness of beam spots. Compared to square-shaped emitters, the SST-12's round emitter offers remarkable advantages. Its compatibility with typically round-shaped optics results in superior brightness and color uniformity within beam spots. Moreover, it provides a tighter beam angle and longer beam distance, making it an ideal choice for a wide range of directional lighting applications.

The SST-12 LEDs are specially designed for directional lighting applications, catering to both portable lights and architectural directional lighting needs. Notably, the high Color Rendering Index (CRI) version, SST-12-WxH, boasts a CRI of greater than 95. With a typical efficacy of 116 lumens per watt at 0.35A Tj 85°C (3000K), the SST-12-WxH LED stands out as the premier choice for interior directional light fixtures such as spotlights, track lights, task lights, wall washers, and more.

SST-12 LEDs At-A-Glance

- Patented round emitter delivers better beam spot uniformity than square emitters
- Round emitter enables high intensity and longer beam distance than square emitters
- Phosphor-on-chip technology delivers superior beam spot color uniformity
- High CRI options (CRI>95) suitable for DLC Standard interior directional lighting fixtures

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In a statement, Yves Bertic, Senior Business Line Director at Luminus, remarked, "As the SST white LEDs have been very popular in directional lighting applications across multiple markets, we continue optimizing our SST LED sources to not only enhance the optical performance but also deliver the superior quality of light for the end customers." The launch of the SST-12 marks a significant milestone in Luminus Devices' commitment to innovation, and it reinforces the company's position as a leader in the lighting industry." For more information about the SST-12 and other cutting-edge lighting solutions from Luminus Devices, please visit www.luminus.com/products/white.
This product line is now available through Luminus' authorized distributors.

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 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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