



Luminus Expands Round LED Technology with the SFT-12R and SFT-25R for Premium Outdoor Lighting

SUNNYVALE, Calif., March 11, 2025, [Luminus Devices](#), a pioneer in advanced lighting technology, announces the launch of its patented SFT-12R and SFT-25R Round LED Technologies, setting new benchmarks in optical performance for directional lighting applications.

The groundbreaking SFT series features a patented LED emitter with round light emitting surfaces (LES) in a flat top package, delivering unprecedented optical efficiency that requires up to 2.5 times less fixture flux compared to conventional LED solutions. This technological advancement translates to significant reductions in power consumption while maintaining superior illumination quality. "Our patented round LED emitter design represents a fundamental shift in LED technology," said Yves Bertic, Senior Business Line Director at Luminus. "The SFT-12R and SFT-25R are designed to be incredibly effective at directing light precisely where it's needed, dramatically reducing glare, and improving safety in outdoor environments."

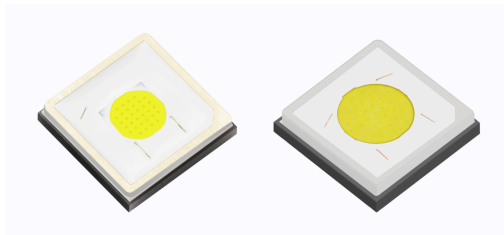
Key Technological Breakthroughs:

- Innovative flat top package enables optimal proximity between optics and LED
- Advanced phosphor-on-chip technology ensures superior color uniformity across radiation angles
- Vertical chip architecture maximizes the Candela/Lumen K-Factor for enhanced precision
- Small LED emitter design with high current capabilities delivers exceptional lumen density
- Round LES distributes light more evenly, reducing hotspots and shadows resulting in a more uniform illumination

The technology demonstrates particular excellence in demanding applications such as stadium lighting, street illumination, and stage/studio environments, where precise beam control and color consistency are crucial.

Target applications include:

- Stadium and sports lighting
- Street and roadway illumination
- Stage and studio lighting
- Off-road and portable lighting solutions
- Professional work lighting



For more information about the SFT-12R and SFT-25R and other cutting-edge lighting solutions, please visit www.luminus.com/products/white or stop by booth #1118 at LEDucation March 18-19 in New York City. 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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