



Luminus Launches SFT-70X High CRI LED Bringing Exceptional Beam Quality to Small-Aperture Spotlighting

SUNNYVALE, Calif., March 6, 2026, Luminus Devices, a leading manufacturer of high-performance LEDs, today announced the SFT-70X High CRI LED, a next-generation 12-volt light source engineered for small-aperture spotlighting and accent lighting applications. The SFT-70X High CRI gives lighting designers and luminaire manufacturers a powerful new tool to create dramatic, precision lighting effects without sacrificing the clean, minimal look that defines premium architectural lighting. Until now, designers who wanted the refined single-source appearance of a COB-based recessed downlight had to compromise when moving to high-intensity directional spotlighting. The SFT-70X High CRI LED changes that equation.

One Source. Clean Beams. No Compromises.

Most 12-volt LEDs on the market rely on a four-chip package. The physical gaps between chips create a dark shadow at the center of the beam — a flaw that forces luminaire designers to compensate with additional diffusion optics, reducing overall light output efficiency. The SFT-70X High CRI uses a single, high-power 7 mm² chip in a 12-volt package — the only LED of its kind on the market. The result is a smooth, uniform beam with no shadowing artifacts, enabling optics to perform at their full efficiency.

High Intensity in a Small Footprint

The SFT-70X High CRI delivers more than 1,900 lumens at 3000K in a very compact light-emitting surface. Its high lumen density means luminaire manufacturers can design fixtures with smaller apertures while achieving narrow spot beams with striking on-axis intensity — for example, a 28 mm diameter optic producing a 12° beam with over 14,600 candela. For designers, this translates to fixtures that nearly disappear into the ceiling while delivering the visual impact required for high-end retail, hospitality, museum, and residential accent lighting.

Superior Quality Across the Full Beam

The SFT-70X High CRI LED features Luminus phosphor-on-chip technology, which ensures consistent color across all radiation angles. Available in CRI 90 and CRI 95 options across a broad range of color temperatures — from warm 2700K to daylight 5700K — the LED delivers light that renders colors with exceptional richness and accuracy throughout the beam spot, from center to edge.

The Luminus SFT-70X High CRI LED is available now. For product specifications, samples, or pricing information, visit www.luminus.com or contact your Luminus sales representative.

Meet Luminus at Light + Building 2026

Visit us in **Frankfurt, Germany | Hall 8.0, Stand C10 | March 8–13, 2026**

Luminus representatives will be available for technical discussions, product demonstrations, and design consultations throughout the show.

About Luminus

For nearly 20 years, Luminus Devices has been at the forefront of LED technology, solving the lighting industry's most demanding challenges. Luminus designs and manufactures high-performance solid-state lighting solutions for general illumination, specialty lighting, and emerging applications across healthcare, industrial, automotive, and entertainment sectors. Luminus LEDs are recognized for exceptional color quality, beam precision, energy efficiency, and longevity. www.luminus.com.