

Luminus and Current Chemicals Sign KSF Phosphor Licensing Agreement

SUNNYVALE, Calif., December 15, 2022, Luminus and Current Chemicals, a division of Current, announced today that the two parties have signed a KSF phosphor licensing agreement enabling worldwide use of TriGain® PFS (commonly known as KSF) phosphor in Luminus LED products. The agreement provides Luminus with a substantial advantage over competitors who use KSF from other suppliers, as TriGain® PFS provides best in class efficacy, lumen maintenance, moisture resistance, and stability over temperature and current. Building on a reputation for the industry's best quality of light and LED efficacy, Luminus blended this TriGain® phosphor with a robust bill of materials in the company's California R&D labs to enable higher CRI, higher R9 values, color stability, and lumen maintenance over a wide range of operating conditions. In the coming weeks, Luminus will be launching new COBs and midpower LEDs with 90+ and 95+ CRI with high efficacy that would normally be expected from an 80 CRI LED. Paired with Luminus' incredibly smooth, consistent spectrum, optimized lumen/watt performance and lively, vibrant warm tones without the greenish tint, these new LED products will be ideal solutions for retail lighting, hospitality, and other commercial applications.

Tom Jory, VP of Illumination Marketing at Luminus adds, "We compared TriGain® PFS with other KSF products on the market, and the choice became crystal clear that only Current's material, combined with our LED packaging expertise, will provide our customers with amazing efficacy, the highest level of stability and fabulous color rendering across the spectrum. This is especially important in Europe, where commercial lighting customers are reducing energy consumption and being rewarded with rebates without having to sacrifice quality of light."

"We are pleased to license our KSF/PFS phosphor technology to Luminus to further enable high CRI, high quality lighting products in the market," said Bill Cohen, Vice President and General Manager of Current Chemicals, "We look forward to a strong collaboration with Luminus as we support their efforts with our bellwether TriGain® PFS/KSF phosphors."

About Luminus, Inc.

Luminus, Inc. 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 www.luminus.com.

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About Current Chemicals

Current Chemicals, a division of Current, is a specialty materials manufacturer with more than 70 years' experience in high purity luminescent materials, including LED phosphors, and rare earth compounds. Current's patented TriGain® KSF/PFS red phosphor delivers high absorption with improved reliability compared to standard KSF phosphors. TriGain® technology enables 90 CRI lighting products and LED-backlit displays with the richest, most vibrant red color available on LED. In addition to Current's advancements in phosphors, we also support customers in chemical manufacturing as well as the development of custom materials and formulations for diverse markets. Learn more at CurrentChemicals.com.

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