

## **LED Engin achieves highest color rendering in world's smallest LED emitters for high-end directional lighting**

*'Gallery White' CRI 97 emitters achieve unparalleled light quality, intensity and consistency in highly demanding retail, gallery and showroom applications*

**San Jose, CA, USA: June 5, 2013:** [LED Engin, Inc.](#), a leader in high lumen density LED products, announces the world's most compact 'Gallery White' emitter for directional lighting boasting an exceptional color rendering index (CRI) of 97. Designed for high-end applications, including retail outlets, galleries and museums where accurate color representation is vital, Gallery White offers high color fidelity in warm white light (3000K) and achieves impressive individual R values (R1-R15) to enhance the contrast of retail merchandise, artwork and skin tones. Color temperature and CRI remain stable over time, temperature and drive current.

Gallery White emitters feature outstanding color consistency with an option for customers to specify a 3 SDCM (Standard Deviation of Color Matching) bin. Accurate color rendering is a critical factor in achieving the desired ambience in high-performance applications. While the CRI measures the light source against 8 pastel pigment colors (R1-R8), it does not take into account saturated solids (R9-R12) or skin tones (R13 and R15). Not only does Gallery White achieve a CRI of 97, the emitter also delivers outstanding R1 to R15 values between 96 and 99 and R12 typically of 86.

LED Engin offers Gallery White emitters in a range of package sizes for different power ratings from 10W to 80W, delivering between 450 and 3200 lumens output. The emitters are based on LED Engin's robust and reliable LuxiGen™ platform that is up to 8 times smaller than array-based solutions with the same flux performance. LuxiGen™ innovative thermal packaging design allows LED die to be driven to higher current levels, while keeping junction temperatures low, ensuring long operating life and superior color point stability (>50,000 hours).

The tiny emitters work with total internal reflection (TIR) lenses to produce smooth, glare-free beam profiles from very compact fixtures while delivering 30% more Lux-on-Target™ than other high-CRI competing products. A suite of complementary TIR lenses is available to enable fixtures with beam widths from 9 degrees to 50 degrees.

President and CEO of LED Engin, David Tahmassebi, comments, “In applications where quality and consistency of light are paramount considerations, Gallery White raises the bar in delivering robust and reliable high-CRI LED lighting in a small form factor. No other comparable high CRI emitter comes close to achieving the same combination of light intensity and color rendition from a single compact package.”

The Gallery White LED emitter is available now and will be demonstrated for the first time at Guangzhou International Lighting Exhibition, June 9-12, 2013 at LED Engin’s booth: Hall 9.2, A42. For more information about Gallery White emitters, please visit <http://www.ledengin.com/products/gallerywhite>.

**About LED Engin, Inc.**

LED Engin, based in California’s Silicon Valley, specializes in ultra-bright, ultra-compact solid state lighting solutions that allow designers and engineers the freedom to create uncompromised yet energy efficient lighting experiences. The company’s LuxiGen™ Platform - an emitter and lens combination or integrated module, delivers superior flexibility in light output, ranging from 3W to 90W, a wide spectrum of available colors, including whites, multi-color and UV, and the ability to deliver upwards of 5,000 high quality lumens to a target. The small size combined with powerful output allows for a previously unobtainable freedom of design wherever high flux density, directional light is required.

LED Engin products are sold directly through LED Engin sales channels and its distributors. They are available for immediate sampling. For additional information, or to find a sales representative, please visit: [www.LEDEngin.com](http://www.LEDEngin.com).