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Gallium Sets New Standard For LED Downlight Performance

New Product Family Featuring Cree's XLamp XR-E LED Provides 65 Lumens Per Watt System Efficacy

Fayetteville, GA – March 6, 2008 – Gallium Lighting announces the introduction of a high-performance LED downlight featuring the Cree XLamp® XR-E LED. The Gallium GS6-CXRE luminaire delivers more than 1,300 lumens while reducing energy consumption by up to 60% relative to comparable compact fluorescent downlights.

Gallium's advanced GS6 fixture was developed specifically for high-performance white LEDs. It features 1.5" (38mm) spacing between LEDs and a heavy-duty heat dissipation system to maximize efficiency and LED life, and a 45° shielding angle to maximize visual comfort. With the XR-E LED, the GS6 downlight fixture now achieves a total luminaire efficacy of up to 65 lumens per watt.

"LED technology is advancing at an astonishing rate," said Keith Bahde, Ph.D., President of Gallium Lighting. "In the last twelve months, we have been able to boost the light output of our GS6 luminaire by 49%, while reducing the energy consumption by 18%. It can now provide more light than most 6-inch 32-watt compact fluorescent downlights while consuming only about half as much energy. We can now demonstrate a three-year payback in many applications."

Gallium Lighting is a leading manufacturer of architectural LED downlighting for commercial buildings and high-end residences.

Contact

Keith Bahde, Ph.D.
President
Gallium Lighting, LLC.
keith@galliumlighting.com
831-425-5486

Website

www.galliumlighting.com

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