Cooper Lighting Introduces the Next Generation LED LightBAR System

New system provides unmatched optical performance in both lumen output and efficiency.

PEACHTREE CITY, GA, October 11, 2011 – Cooper Lighting, an industry leader committed to delivering innovative products and driving transformational technology in the lighting industry, has announced it has upgraded its outdoor LED LightBAR™ technology. Internally developed at Cooper Lighting’s accredited state-of-the-art LED Innovation Center and integrated in multiple product lines, the new system’s unmatched optical performance delivers improved lumen output and efficiency, while continuing to offer up to 75% in energy savings over traditional High Intensity Discharge (H.I.D.) outdoor lighting sources.

Designed to meet today’s demanding energy and environmental needs, Cooper Lighting’s LightBAR™ technology features the company’s patented AccuLED Optics™, which sets the industry benchmark for reliable photometric performance, scalability and energy efficiency. The system’s unique application-specific design allows lumen and energy output to be customized to fulfill the exact needs of the outdoor space—eliminating wasted energy and obtrusive spill light. Designed for both new construction applications or to replace inefficient luminaires, the next generation LightBAR technology is available in two versions (7 LEDs and 21 LEDs), three standard color options (3000K, 4000K and 6000K correlated color temperatures (CCT)), and offered in 13 different optical distributions, providing versatility for every outdoor need, including street lighting, area/site, floodlighting, wall mount, parking garage, canopy and pathway solutions.

The updated LightBAR technology offers an increase in efficiency in all optical distributions without degrading optical performance, lumen depreciation or lumens per watt (lm/W). Boasting more task lumens per watt, the high efficiency 21 LED LightBAR optical fixtures deliver up to 100 lm/W or 2400 lumens per LightBAR, which outperforms the original 21 LED LightBAR fixture (1800 lumens) by 600 lumens – (using the same number of AccuLED Optics) –, while the 7 LED LightBAR optical choice (1900 lumens) also increases its lumen output over the original 21 LED LightBAR.
The efficiency and performance improvement roadmaps of LED technology guarantee the availability of improved lm/W packages in the future. To address future retrofits of higher performing packages, Cooper’s unique LightBAR design is backwards compatible or future-proof both electrically and thermally, meaning there are no changes to the driver or the heat sink, making future LED upgrade replacements to its fixtures simple.

Cooper Lighting also expanded the color options to include a 3000K and 6000K CCT as standard in addition to the preferred color choice, warm white color of 4000K CCT. While typical LED outdoor solutions are standardized on a cold blue color temperature (6000-6500K CCT), Cooper Lighting LightBAR-equipped fixtures, by comparison, provide specifiers and end-users a desired color choice.

Cooper Lighting’s LightBAR technology provides energy savings between 30-75% over standard H.I.D. systems while also providing a 50,000+ hour rated life—six times longer than the traditional metal halide sources found in most outdoor commercial applications.

The LightBAR technology, integrated into the industry’s leading portfolio of outdoor product lines represented across four of Cooper Lighting’s company brands – Invue, McGraw-Edison, Lumark and Streetworks, – offers lighting solutions that qualify for many local utility rebates.

Cooper Lighting has made a significant investment in people, resources and technology to ensure the company provides first-class solutions to its customers’ lighting challenges. The Company offers a range of indoor and outdoor LED lighting products and controls, all of which are specifically designed to maximize energy and cost savings. For additional information on Cooper’s LED product offering, click here.

About Cooper Lighting
Cooper Lighting, a subsidiary of Cooper Industries plc (NYSE: CBE), is the leading provider of world-class lighting fixtures and controls to commercial, industrial, retail, institutional, residential and utility markets. As lighting technologies have advanced over the years, Cooper Lighting has been at the forefront of the industry in helping businesses and communities leverage the latest technologies to improve efficiency, reduce costs and enrich the quality of the environment. For more information, visit www.cooperlighting.com.

About Cooper Lighting’s LED Innovation Center
Cooper Lighting’s 60,000-square-foot Innovation Center opened its doors in 2009. The multi-million dollar facility is home to the research, development, design, validation, and manufacturing of proprietary LED and other advanced lighting technologies. Teams of highly skilled Mechanical, Electrical, Thermal, Optical, and Reliability Engineers work hand-in-hand with Industrial Designers, Lab Technicians, and Manufacturing personnel to accelerate the development and commercialization of relevant industry-leading LED solutions.

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About Cooper Industries
Cooper Industries plc (NYSE: CBE) is a global electrical products manufacturer with 2010 revenues of $5.1 billion. Founded in 1833, Cooper's sustained success is attributable to a constant focus on innovation, evolving business practices while maintaining the highest ethical standards and meeting customer needs. The Company has seven operating divisions with leading market positions and world-class products and brands including: Bussmann electrical and electronic fuses; Crouse-Hinds and CEAG explosion-proof electrical equipment; Halo and Metalux lighting fixtures; and Kyle and McGraw-Edison power systems products. With this broad range of products, Cooper is uniquely positioned for several long-term growth trends including the global infrastructure build-out, the need to improve the reliability and productivity of the electric grid, the demand for higher energy-efficient products and the need for improved electrical safety. In 2010 fifty-nine percent of total sales were to customers in the industrial and utility end-markets and thirty-nine percent of total sales were to customers outside the United States. Cooper has manufacturing facilities in 23 countries as of 2011. For more information, visit the website at www.cooperindustries.com.

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