



- Reduce energy consumption and operating costs
- Meet commercial building watts per area requirements
- Part of a sustainable lighting solution
- Improve light quality to increase productivity and comfort
- Design sleek and innovative lighting fixtures
- Minimize maintenance and services costs.

L U X E O N<sup>®</sup>  
never before possible

## MARKET BRIEF

# Office

Commercial lighting consumes 25-30% of energy according to the United States Department of Energy<sup>1</sup>. A lighting upgrade is an investment not only in reducing electricity consumption but in improving the performance of the building and reducing the building's carbon footprint. LUXEON<sup>®</sup> LEDs from Philips Lumileds, used in high efficiency luminaires require less wattage for illumination reducing electricity used and the cost of lighting while enhancing the occupant's experience.

### Innovative Lighting Solutions

New digital lighting technologies are helping reshape the office environment. More efficient, more adaptable, sustainable LUXEON-based lighting solutions support the varied office needs for working and meeting. Lighting improvements can help a company's bottom line: a 30% reduction

in energy use is equivalent to an increase in net operating income and building asset value of 5 percent<sup>2</sup>. Incorporating occupancy sensors, dimmers or daylighting maximizes building performance even more and will further increase savings from lighting. Already lasting longer than most conventional types of lighting, LUXEON LEDs naturally fit into any lighting control scheme and their longevity is not affected by switching or dimming, reducing maintenance costs saving even more.

Building occupants and tenants spend a large portion of their days in the office, and are demanding better working environments that can spur innovation and boost productivity. Digital LUXEON LED based luminaires can be programmed to vary the shades of white or colors making illuminating a space more flexible and appealing. Using flexible lighting

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can motivate employees by accommodating varying preferences, work styles and business demands.

Today's office space is a reflection of the business contained within—and where it's going. More than ever, companies view their workplace as a competitive tool not only for boosting efficiency but also for recruiting new talent and winning new business. Building owners and facility executives can set the tone with energy efficient, distinctive lighting that sets them apart with luminaires using LUXEON LEDs. Optimized for light extraction, efficiency and light density, LUXEON LEDs allow architects and lighting designers to create distinctive, innovative, environmentally friendly illumination that reinforces the client's corporate image and helps position them as a true leader.

### Part of a Sustainable Solution

Many corporations see a greener future ahead because sustainability means improving their competitiveness and the return on their investment. More tenants and owners want the building they occupy to reinforce their corporate commitment to sustainability. The U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) Building Rating System has shown that top companies do well by doing good, with green buildings that deliver better bottom-line performance. Employing systems that reduce a facility's environmental impact builds a positive image and saves dollars on energy use and maintenance. You can depend on LUXEON LEDs to offer significantly higher efficiencies and a longer useful life when compared to other current lighting systems. This means a lot less maintenance and waste sent to the landfill. Philips Lumileds is committed to providing innovative products that reduce a facility's environmental demands and reduce energy use—while remaining cost-effective.

LUXEON LEDs are used in sustainable lighting solutions because they exceed EnergyStar® requirements, require no special disposal—they contain no mercury or lead, are RoHS and REACH Compliant—helping you meet or exceed growing government mandates.

Philips Lumileds is the world's leading provider of power LEDs for everyday lighting applications. The company is committed to advancing energy efficient solid-state lighting and provides world-wide service and design support that customers need to rapidly develop lighting solutions. LUXEON LEDs are enabling never before possible lighting applications in hospitality, outdoor, shops, offices and in homes.

For more information please visit [www.philipslumileds.com/solutions](http://www.philipslumileds.com/solutions)



<sup>1</sup> EnergyStar, ENERGYSTAR Buildings Manual "Lighting", November 25, 2008. [http://energystar.gov/ia/business/BUM\\_lighting.pdf](http://energystar.gov/ia/business/BUM_lighting.pdf)

<sup>2</sup> EnergyStar, "Architects: Energy Efficiency Strategies for Commercial Building Design", Nov. 25. 2008.

<[http://www.energystar.gov/ia/business/challenge/learn\\_more/Architects.pdf](http://www.energystar.gov/ia/business/challenge/learn_more/Architects.pdf)>



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