



## About the Company

Bridgelux is a leading developer and manufacturer of technologies and solutions that will transform the \$40 billion lighting industry into a \$100 Billion market opportunity. Based in Silicon Valley, Bridgelux is a pioneer in solid-state lighting (SSL) and is greatly expanding the market for light-emitting diode (LED) technologies by driving down costs of LED lighting systems. Bridgelux's patented light source technology replaces traditional technologies (such as incandescent, halogen, fluorescent and HID lighting) with integrated, solid-state lighting solutions that enable lamp and luminaire manufacturers to provide high performance and energy-efficient white light for the rapidly growing interior and exterior markets, including street lights, commercial lighting, retail lighting and consumer applications.

LED lighting can produce light more than ten times more efficiently, as measured in lumens per watt, than incandescent bulbs, and twice as efficiently as compact fluorescent lamps (CFLs), thereby greatly reducing lighting energy costs. As a solid-state technology, LED lighting is also more rugged and longer-lasting than these traditional vacuum tube lighting technologies and does not present the disposal challenges posed by lead and mercury found in incandescent and fluorescent lighting. Maintenance and other related costs are also significantly lower due to much longer service life. The efficiency advantages and other benefits of

LED lighting are beginning to drive massive adoption of SSL as the costs of these solutions decrease. The combination of increasing efficiency and reducing costs already enables a 2-year ROI in many applications, and this will continue with technology innovation.

Bridgelux has a unique vertical integration strategy, with key intellectual property in the core materials technology (epitaxy), chip design, packaging technology, system technology and manufacturing technology, as well as unique global manufacturing capabilities. This integration gives the Company cost advantages and economies of scale that uniquely enable Bridgelux to develop high-quality LED light sources for lamp and luminaire manufacturers at a disruptive price that will facilitate penetration of these solutions into a wide range of end markets.

The Company has achieved scale and established a leading presence in this fast-growing market with more than 500 customer engagements and rapid revenue growth. With the addition of a new CEO and the closing of \$50 million of financing in January 2010, Bridgelux is now aggressively pursuing global growth through new customer engagements, market penetration, expanding its global manufacturing operations and continuing to innovate on its technology platform.

## Corporate Officers

### William D. Watkins

Chief Executive Officer

### Neil Bostock

Chief Financial Officer

## Global Headquarters

### Bridgelux, Inc.

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*Additional sales, customer support and other facilities are located in the USA, France, China, Hong Kong and Taiwan.*



## Corporate Highlights

2002	<ul style="list-style-type: none"> <li>Company founded</li> </ul>
2003	<ul style="list-style-type: none"> <li>Investment in Epi technology R&amp;D</li> <li>Released first Indium Tin Oxide (ITO) power die</li> </ul>
2004	<ul style="list-style-type: none"> <li>1st volume shipment of high power LED die</li> </ul>
2005	<ul style="list-style-type: none"> <li>Established US-based R&amp;D center</li> </ul>
2006	<ul style="list-style-type: none"> <li>Produced world-class high power LED die</li> <li>Released BKO series LED die</li> </ul>
2007	<ul style="list-style-type: none"> <li>Released MKO series LED die</li> <li>Mark Swoboda named CEO</li> </ul>
2008	<ul style="list-style-type: none"> <li>Opened Silicon Valley state-of-the-art manufacturing site</li> <li>Expanded R&amp;D center to include die fab</li> <li>Volume production of 6th generation LED chip</li> </ul>
2009	<ul style="list-style-type: none"> <li>Announced U.S. patent award for surface mountable LED chip</li> <li>Launched Bridgelux LED Arrays for solid-state lighting</li> <li>Created Lighting Services Group</li> </ul>
2010	<ul style="list-style-type: none"> <li>Announced appointment of William D. Watkins as CEO</li> <li>Announced successful closing of new \$50mm Series D financing</li> <li>Announced expansion of Bridgelux LED Array Product line for general lighting</li> <li>Introduced Helieon SLM Module</li> </ul>

## Media Relations Contact

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## Product Portfolio

Based on its core technology platform, Bridgelux has developed a range of product options for lighting system manufacturers.

### BRIDGELUX LED ARRAYS

The Bridgelux LED Array products deliver high performance, compact and cost-effective solid-state lighting solutions. Product options are tailored to match light output levels of many conventional light sources, delivering between 240 and 4500 lumens under normal operating conditions in cool, neutral and warm white colors. These compact high flux density light sources deliver both the quantity and quality of light required to displace conventional light sources, while delivering higher efficiency and a longer service life. The products can be optimized for efficacy, quantity of light, color rendering (CRI), targeted lighting color temperatures (CCT) and cost to allow lamp and luminaire manufacturers to easily integrate the light sources into their designs—resulting in high-performance, LED-based lighting products for use in hospitality, commercial, industrial and “always-on” environments. These high lumen output integrated light sources reduce system design complexity, enabling miniaturized, cost-effective lamp and luminaire designs. Typical applications include task, accent, spot, track, down light, wide area, security lighting, retail, street lighting, industrial lighting and bulb replacements.

### HELIEON™ SUSTAINABLE LIGHT MODULE

The Helieon lighting system is the first plug and play sustainable solid state lighting module to integrate high efficiency precision lighting with an easy to use socketed solution –accelerating innovation and enabling the mass adoption of solid state lighting. Helieon combines unmatched solid state lighting technology from Bridgelux with interconnect technology from Molex. The Helieon lighting system simplifies the process of designing, building, and upgrading luminaires. Helieon delivers flexibility to change the look and feel of the lighting environment or installation with the simplicity of replacing a light bulb, emulating a traditional lighting socket. Users may easily change beam angle, color temperature and light output with the simple twist of a wrist. Product options are tailored to match light output levels of traditional light sources, delivering between 500 and 1,500 lumens under application conditions in halogen and fluorescent color temperature options.

### NLX-5 POWER DIE SERIES

The NLX-5 is a high-power gallium nitride (GaN) LED die series. The NLX-5, when embedded in a customer’s standard, cool white LED package, provides a typical light output of 85-100 lumens (@350 mA). As a result, the NLX-5 delivers the industry’s leading cost-per-lumen performance for warm white, cool white and RGB applications.