

## **The Tinker's Toolbox - Advanced Bridgelux LED Arrays**

Submitted by Guest (not verified) on Mon, 03/14/2011 - 8:23am



Hosted by ECN's Editorial Director, Alix Paultre, the Tinker's Toolbox is ECN's web-based interview show where we talk about the latest technology, components, and design issues for the electronic design engineering community.



In this episode of the Tinker's Toolbox we talk to Jason Posselt of Bridgelux about their latest LED arrays, presented as having twice the output of currently available commercial devices, with an output from 3500 to 8000 operational lumens at color temperatures from 2700K to 5600K. The devices address next-generation solid-state lighting applications in luminaries and products that deliver the light levels and colors desired by the user.

PODCAST HERE

An additional link to the podcast: [Bridgelux Interview](#) [1]

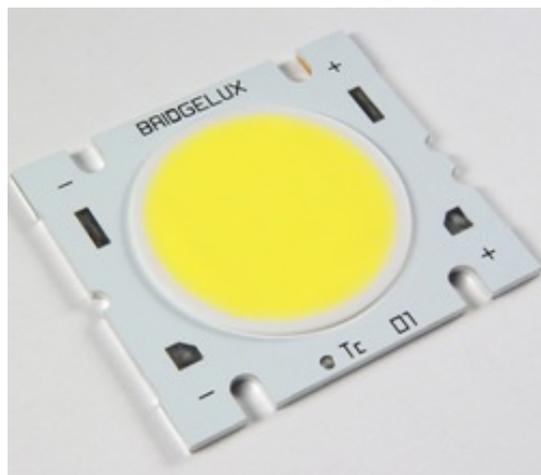
Here is a link to the product Data Sheet for reference: [Bridgelux Data Sheet](#) [2]

Here is the product press release:

## The Tinker's Toolbox - Advanced Bridgelux LED Arrays

Published on Electronic Component News (<http://www.ecnmag.com>)

---



Bridgelux Inc., a leading developer and manufacturer of LED lighting technologies and solutions, today announced the expansion of its award-winning RS LED Array portfolio to include the industry's highest performance LED products designed for very high lumen applications such as retail shop lighting, high-bay, roadway, exterior area and industrial lighting applications.

Shattering industry standards for light output performance while significantly improving efficacy and further reducing the cost of solid-state light (SSL), the new RS Arrays deliver 3500 to 8000 operational lumens, an extended range of color temperatures including warm, neutral and cool white (2700K to 5600K), and multiple color rendering indices (CRI) options, further increasing choices for high quality lighting. These LED arrays both simplify and enable rapid development of new high-lumen LED products accelerating the ability for solid state lighting to replace high wattage HID luminaires, providing safer operation and reducing payback periods to as little as 2 years. These high flux density sources enable precision lighting previously impossible with lower power solid state lighting technology, opening up new markets to solid state lighting.

"With the new RS Arrays, Bridgelux continues to advance its reputation as a manufacturer of high quality, leading-edge LED lighting solutions for a broad range of indoor and outdoor applications," said Jason Posselt, vice president of global marketing. "Leveraging the significant success of previous product generations, the RS Arrays are uniquely designed to help our customers quickly and cost-effectively introduce new products targeting an increasing number of lighting applications."

"As we initiated the design of our Nevalo SSL System for interior lighting applications the new additions to the Bridgelux RS Array series provided the best solution for the high light density versions of our new lighting module, launched today," said Bruce Pelton, chief technology officer for the Tyco Lighting Division. "The Bridgelux team not only worked with us to meet our initial LED light source requirements but also demonstrated a product roadmap to provide an increasingly broad range of light output, CRI and efficacy options to meet the future requirements of our lamp and luminaire customers."

### About Bridgelux

Bridgelux is a leading developer and manufacturer of technologies and solutions transforming the \$40 billion global lighting industry into a \$100 billion market

## The Tinker's Toolbox - Advanced Bridgelux LED Arrays

Published on Electronic Component News (<http://www.ecnmag.com>)

---

opportunity. Based in Livermore, California, Bridgelux is a pioneer in solid-state lighting (SSL), expanding the market for light-emitting diode (LED) technologies by driving down the cost of LED lighting systems. Bridgelux's patented light source technology replaces traditional technologies (such as incandescent, halogen, fluorescent and high intensity discharge 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 lighting markets, including street lights, commercial lighting and consumer applications. With more than 350 patent applications filed or granted worldwide, Bridgelux is the only vertically integrated LED manufacturer and developer of solid-state light sources that designs its solutions specifically for the lighting industry. For more information about the company, please visit [www.bridgelux.com](http://www.bridgelux.com) [3]

### Source URL (retrieved on 12/19/2014 - 10:25am):

[http://www.ecnmag.com/podcasts/2011/03/tinkers-toolbox-advanced-bridgelux-led-arrays?qt-recent\\_content=0](http://www.ecnmag.com/podcasts/2011/03/tinkers-toolbox-advanced-bridgelux-led-arrays?qt-recent_content=0)

### Links:

[1] <http://www.ecnmag.com/sites/ecnmag.com/files/legacyfiles/ECN/Multimedia/Audio/2011/03/bridgelux-interview.mp3>

[2] [http://www.ecnmag.com/sites/ecnmag.com/files/legacyfiles/ECN/Multimedia/Audio/2011/03/Bridgelux\\_RS\\_Array\\_Data\\_Sheet\\_013111.pdf](http://www.ecnmag.com/sites/ecnmag.com/files/legacyfiles/ECN/Multimedia/Audio/2011/03/Bridgelux_RS_Array_Data_Sheet_013111.pdf)

[3] <http://www.bridgelux.com>