

SOURCE: Bivar



October 09, 2012 10:00 ET

## Bivar Announces New Family of Compact Light Engines

**Featuring Cree XLamp Design, the L2 Family of Products Provides Efficient, Environmentally-Friendly Lighting for Variety of Applications**

IRVINE, CA--(Marketwire - Oct 9, 2012) - Bivar, a leading specialty provider of LED indication products, has announced the L2 family of starboard light engines. All products in this new family are optimized for high output, high color rendering index (CRI) and uniformity, making them ideal for directional lighting applications in both indoor and outdoor environments.

The L2 family features Cree's XLamp design, which provides efficient, environmentally-friendly LED lighting and high light output in a small form factor. Additionally, the L2 family has a unique case temperature test point for engineers to confirm the effectiveness of their thermal management, while maximizing the luminous output with the junction temperature under control. Optional pin headers allow for quick hook-up, thus eliminating the delicate soldering process.

"We have created a product line that delivers consistent color in a compact package and enables true halogen performance in a thermally-constrained design," said Tom Silber, Bivar president and CEO. "The combination of Cree's XLamp LEDs with our expertise in designing LED solutions brings a new product family that exceeds standards for brightness and efficiency for a wide range of applications."

The L2 family is comprised of three product series: the PG Series, ML Series and TG Series.

The PG Series is suitable for applications such as parking areas, head lamps, bike lights, emergency lights, and solar powered lighting. Specific product features include:

- Typical luminous output of 80 - 97 lumens at 350mA and 125 - 152 lumens at 600mA
- Maximum luminous output of 472 - 660 lumens at 1500mA with thermal management
- Viewing angles of 85, 35 and 45/25 degrees
- Low voltage input of 3VDC
- CCT of 3100K/4100K/6500K
- CRI of 80/75/75

The ML Series is suitable for applications such as track lighting, accent lighting, solar-powered lighting, high and low bay, LED light bulbs, and roadways. Specific product features include:

- Typical luminous output of 103 - 144 lumens at 400mA and 169 - 236 lumens at 750 mA
- Maximum luminous output of 472 - 660 lumens at 3000mA with thermal management
- Viewing angle of 125 degrees
- Low voltage input of 2.9VDC
- CCT of 3100K/4100K/6500K
- CRI of 80/75/65

The TG Series is suitable for applications such as recessed ceiling lighting, retail display lighting, landscape lighting, locomotive lamps, aircraft landing lights, and theater/concert lighting. Specific product features include:

- Typical luminous output of 130 - 141 lumens at 200mA and 148 - 160 lumens at 350mA
- Maximum luminous output of 566 - 660 lumens at 2500mA with thermal management
- Viewing angle of 120 degrees
- Low voltage input of 5.6VDC
- CCT 3000K/4000K
- CRI of 80/80

For more information about the L2 family, please visit [www.bivar.com](http://www.bivar.com). For application assistance and samples, please contact Bivar Sales at [sales@bivar.com](mailto:sales@bivar.com).

### About Bivar

Bivar is a leading specialty provider of LED indication products and solutions with a long-standing history of more than 40 years of innovation in the optoelectronics industry. With a global base of customers in 35 countries, Bivar's products are designed to meet the increased demand for point-to-point indication and address a growing range of industrial markets and applications. Bivar's focus is on moving and positioning light. An employee-owned company, Bivar's corporate headquarters are located in Southern Calif., with manufacturing in Calif., China and Taiwan.

Bivar's Asia Pacific production and logistics centers offer scalable capacity, execution, control and movement of product around the world. Bivar is widely supported by a highly-qualified network of authorized representatives and distributors. For more information, please visit [www.bivar.com](http://www.bivar.com).

### Contact Information

Contact:  
Stephanie Olsen  
Lages & Associates Inc.  
949/453-8080  
[Email Contact](#)

[About Marketwired](#)

US: 1.800.774.9473

[Site Map](#)

Canada: 1.888.299.0338

[Privacy](#)

UK: +44.20.7220.4500