



Rise and Shine with Bridgelux Thrive

*Bridgelux introduces Thrive, a human centric light spectrum designed to mimic sunlight*

FREMONT, Calif. – March 12, 2019 – Bridgelux today announced Thrive, a family of white point options for surface mount devices (SMD), V Series™, Vero® Series and Vesta® Series chip-on-board (COB) products designed to closely mimic the sun and provide a new class of full spectrum, human centric light emitting diode (LED) white point solutions.

Using proprietary chip, phosphor and manufacturing technologies, Thrive closely mimics the spectra of the sun without violet light augmentation. Thrive produces lower blue light intensity at shorter wavelengths and delivers a smoother spectrum over the visual wavelength range, enabling a close spectral match to sunlight. Thrive offers:

- full spectrum 95 CRI light quality with similar efficacy compared to 90 CRI light sources
- excellent CRI and TM30 metrics with R1 to R15 greater than 92, Rf 96-98 and Rg 99-102
- lower Circadian Action Factor (CAF) and Melanopic Ratios (MR) in warm white color points, and higher CAF and MR values in neutral and cool white color points, which are optimized for human well-being
- 2700K, 3000K, 4000K, 5000K, 5700K, 6500K CCT options

“We believe Thrive white points may be effective in a variety of applications including hospitals, residential, offices, education, and museums. So many of us spend a large portion of our time indoors without the benefit of natural light. Thrive improves our indoor experiences under artificial lighting with its vivid color rendering and close match to the natural light provided by the sun,” said Dr. Brian Cumpston, Vice President of Solutions at Bridgelux. “With the ongoing awareness and interest in human centric lighting solutions, we believe Thrive will assist lighting manufacturers to incorporate circadian features into their products as the lighting market continues to evolve.”

Thrive white points are now available for sampling on SMD 2835 1W 9V and V Series 10C. Additional Thrive SMD and COB product options will be available for sampling in Q2.

Inquiries about Thrive can be directed to [pr@bridgelux.com](mailto:pr@bridgelux.com) or in person at LEDucation in New York on March 12 and 13 in booth AH 3102.

Contact: [pr@bridgelux.com](mailto:pr@bridgelux.com)

Logo: <https://www.bridgelux.com/company/newsroom#logos>

Product photography: Available upon request to [pr@bridgelux.com](mailto:pr@bridgelux.com)

## **About Bridgelux**

Bridging Light and Life™. Bridgelux is a leading developer and manufacturer of lighting technologies and solutions that invites companies, industries and people to experience the



power, possibility and financial potential of LED lighting. Born of world-class engineering and informed by human intuition, the company's products and solutions make it possible for its customers to provide high performance, human-centric influenced light for the commercial, industrial and outdoor markets. For more information about the company, please visit [bridgelux.com](http://bridgelux.com).

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