

## EXHIBITION NEWS

**EVERLIGHT Exhibits Diversified IR and UV LEDs for a wide range of applications at Photonics Festival in Taiwan 2015**

**Shulin District, New Taipei City (2015.06.16)** –EVERLIGHT ELECTRONICS CO., LTD. 【TSE:2393】, a leading player in the global LED and optoelectronics industry, exhibiting diversified products at the IR/UV zone of Photonics Festival in Taiwan 2015 (Taiwan International Lighting Show 2015) owing to the increasing demands of IR products and special applications, where IR products are widely applied for mobile devices, smart phones and surveillance systems, UV LEDs are applied for printer drying, disinfection and counterfeit detection, thoroughly demonstrating EVERLIGHT 's high-end technology and multiple dimension.

EVERLIGHT's UV LEDs emit the wavelength at 365nm, 385nm and 405nm with the emitting angle from 30°-120°, suitable for different applications such as curing for industrial PCB, lamps for exposure unit, ink drying for printer, disinfection, money verifier, nail curing and tanning machine. EVERLIGHT's UV LEDs possess high-unit emission energy ( $\text{mW}/\text{cm}^2$ ). With only few quantities of LEDs, not only can reach the effect of the traditional UV mercury lamp, but also the excellent curing speed can greatly enhance the production efficiency at the customer end. Compared with the traditional mercury lamps, the UV LEDs save more energy and have the faster response to provide a new application in the future.

With the R&D experience of LED component in three decades, the diversified and completed range of EVERLIGHT's infrared products have been applied to many places like transmission and receiving of Infrared LED and Photo Transistor/Photo Diode. For example, IR91-01C series are a dimension of 2.2mm x 1.95mm with a thickness of 0.9mm only, fully applicable to the light, thin and compact demands of terminal product. In a condition of 70mA · the emission intensity can reach up to 50mW/sr. In a condition of 20mA, the operating voltage is only 1.4V. In combination of the enhanced brightness and large emitting angle 40°, IR91-01C series are very suitable for each kind of transmitting device, including remote controller, tablet PCs, and smart mobile phones. Based on the same transmitting and receiving principles, IRR60-48C/TR8, designed with the red-light wavelength at 660nm, the IR wavelength at 905nm and PIN photodiode is suitable for the applications highly sensitive to the sensing test like oximeter, offering the most correct diagnosis.

The HIR-C19D, high-power IR LED with the wavelength at 855nm and a dimension of 3.5 x 3.5 x 2.36 mm (LxBxH), is packed with the ceramic substrate to provide the excellent heat dissipation ( $11^\circ\text{C}/\text{W}$ ) and the emitting angle 90°. In a condition of  $I_f=700\text{mA}$ , the emitting intensity can reach up to 700mW/sr. Many public regions like crossroads, large squares and parking lots, even at the streets, are required to install

the security surveillance systems. The HIR-C19D LED can provide the enough IR source at the dark environment, so that can support the light compensation of CCD to improve the recording images.

In addition, the Ambient Light Sensors, the Proximity Sensors, and the Reflective Interrupters for printers, photocopiers and scanners will be demonstrated at the show. EVERLIGHT is sincerely welcome you to see and experience our products. EVERLIGHT possesses the wide range of product lines and the diversified products to bring new life for intelligence and convenience according to the customer requirements.

For more information or product specifications, please contact our local agents. If you want to know local business, please visit our website: <http://www.everlight.com/wheretobuy.aspx>

**EVERLIGHT Electronics sincerely invites you to visit our booth during OPTO Taiwan 2015**

**Booth number: N720 (IR/UV zone)**

**Date: June 16-18, 2015**

**About EVERLIGHT Electronics Co. Ltd.**

EVERLIGHT Electronics Co., Ltd. was founded in 1983 in Taipei, Taiwan. Playing a critical role in the formation of the global LED industry, the company has rapidly become a leading worldwide supplier due to its dedication to certification, R&D, production, quality, marketing and global customer service. EVERLIGHT provides a comprehensive optoelectronics product portfolio consisting of high power LEDs, lamps, SMD LEDs, LED lighting modules, digital displays, optocouplers and infrared components for various applications. Today, EVERLIGHT is a global company with over 6,400 employees based in China, Hong Kong, Japan, Korea, Singapore, Malaysia, Germany and U.S.

Please visit us at [www.everlight.com](http://www.everlight.com)

PR Contact: [pr@everlight.com](mailto:pr@everlight.com)