

PRESS RELEASE

ISE, Feb6-9, 2018, Booth: Hall 14 C200

EVERLIGHT Demonstrated New Signage LEDs at Integrated Systems Europe

Shulin, New Taipei City – Feb. 05, 2018 – EVERLIGHT ELECTRONICS CO., LTD. 【TSE:2393】 , a leading player in the global LED and optoelectronics industry, attended Integrated Systems Europe for the first time to demonstrate the components of signage LEDs for indoor and outdoor applications, including all dimensions, packages, viewing angles, and performances, where HNB2727, HNB1921, HNB1515 series for outdoor applications as well as 18-035(0505) achieve the true color as well as high resolution with update technologies and had passed many reliability certificates. You are welcome to visit our booth: Hall 14 C200.

For the outdoor signage applications, we provide the products with PLCC and Lamp package for our customers, where there are HNB2727, HNB1921, and HNB1515 series for PLCC as well as RGB full-color LEDs for PLCC series use the enhanced structure and ink brush/dark support to effectively promote the screen consistency and contrast. Moreover, the outdoor signage modules are installed at our booth to demonstrate the perfect performance of water proof. HNB2727 series are specially suitable for the signage applications with a pitch of P5-P8mm. HNB1921 and HNB1515 series are representatives of the industry that are suitable for the outdoor applications with a pitch of P2-P5mm. In addition, narrow viewing angle and different sizes are also provided for outdoor signage in terms of LEDs with Lamp package. EVERLIGHT's outdoor series had all passed reliability test at 3000 hours and luminous decay less than 10%, certificated with IPX8, plus possessing features of against UV, sulfur resistance, and wide viewing angle to present the display effect with the maximum resolution.

EVERLIGHT started to promote the signage products with fine pitch since 2010. As a product leader of LED package, we continuously make efforts on miniaturization of LED with small pitch, where 18-035 (0505) and 18-036 (0606) series are the package of RGB LED with minimum size. By repeating the verification of high-density design, we can implement a pitch of P0.7mm to achieve seamless connection at micro pitch and true color. Products with small pitch must pass 13 reliability tests and luminous decay less than 5%. Moreover, we are the first enterprise that have been passed 8000-hour reliability test in the industry.

For the part of special signagel, we developed the applications of pixel sharing (virtual pixel) and see-through screen for our customers. The 19-049 RGGGB model was designed with pixel sharing, which can simultaneously drive chips in different LED packages by doubling the scanning frequency of IC and reach the virtual effect of high-density pixel -P0.6 for a panel by the characteristics of persistence of vision. Such pixel sharing can achieve the screen effect with micro pitch without increasing the mounted quantity of LED and SMT. For the applications of see-through screen, Top view LEDs are commonly used on the market, yet we recommend 99-235 and 22-23 series for the side-view model be

used with smaller emission gap of see-through screen and more three-dimensional stereoscopic display, which is a landscaping priority of core landmark/business district in the world.

Through combining the R&D, business, and market teams, plus the professional ability in the industry for over 35 years, we continuously pursue the innovation and breakthrough on the package technology so as to provide perfect products for customers.

If you need more information or product specifications, please contact our local office. For the information of local business, please visit our official website: www.everlight.com

Exhibition : Integrated Systems Europe 2018

Date : 2018/2/6-2/9

Time : 10:00-18:00 (2/9 until 16:00)

Venue : Amsterdam RAI Exhibition Centre

Booth Number : Hall 14 C200

About EVERLIGHT Electronics Co. Ltd.

EVERLIGHT Electronics Co., Ltd. was founded in 1983 in Taipei, Taiwan. Led by Chairman Robert Yeh. EVERLIGHT has over 35 years of R&D experience for reliable capability. With global operations for customer service and an excellent brand reputation, EVERLIGHT has been ranked in the top four LED manufacturers in this competitive LED market. Our products are manufactured in-house to guarantee maximum quality and service. EVERLIGHT provides the most diversified product portfolio consisting of Low Power LEDs to Ultra High Power LEDs, Through-hole LEDs to SMD LEDs, LED Lighting Modules, Digital Displays, Optocouplers and Infrared Emitters and Sensors, and many other LEDs for the Lighting, TFT, Automotive, Signage, and Consumer markets. Today, EVERLIGHT is a global company with over 6,400 employees based throughout China, Hong Kong, Japan, Korea, Singapore, Malaysia, India, Germany and U.S.A. Please visit us at www.EVERLIGHT.com / PR Contact: pr@everlight.com

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