

## PRESS RELEASE

NEPCON Japan 2020, Tokyo Big Sight, Japan, Aomi Halls A18-16

**EVERLIGHT Demonstrating Intelligent Automotive Products at NEPCON Japan 2020**

**Shulin, New Taipei City – Jan15, 2020** – EVERLIGHT ELECTRONICS CO., LTD. 【TSE:2393】 , a leading player in the global LED and optoelectronics industry, will demonstrate the complete production lines and the related modules like Mini Lamp, Smart Multi Array Lamp and Fish Scale Rear Lamps at NEPCON Japan 2020 (exhibition date: 1/15-1/17).

With the continuous evolution of global technology and the digital transformation of the automotive industry, EVERLIGHT has adopted the ISELED technology to launch the EL SMARTLED series (3.0x4.1x0.9mm) with embedded smart ICs in order to comply with these trends and target intelligent innovation and research and development. The driver is integrated into the RGB LED package, and the component calibration color difference can be controlled in the third-order SDCM (MacAdam Ellipse). By embedded IC program, optical decay in red-light chip and self-diagnosis failure can be compensated. The transmission rate can be up to 2Mbps. Compared to a traditional solution for RGB LED, EL SMARTLED provides better color uniformity. In addition, EL SMARTLED has been developed for AEC-Q102. A wide application range for lighting the automotive interior includes interior light, moon reading lighting and dashboard display. The dimension of this package is 3.0mm x 4.1mm to implement the best optical performance.

The fish scale lamps, developed by EVERLIGHT employs the light-guided plate with high-power ceramic package, have the luminescence effect similar with OLED, but more solid and reliable. With the wide temperature range (-40°C to +125°C) and response time in nano-second, the lifetime and performance are much better than OLED. Mini-LED Lamps are manufactured by the components with small-pitch display, in compliance with 27.63 pixels per inch for the vision of human eye and implementing the excellent Adaptive Rear Lamp System. The images and texts can be flexibly played to present the exquisite and clear quality according to the requirements. Smart Multi Array Lamps use the Smart Multi Series (3.5x3.5x0.8mm) built-in drive and control ICs to accomplish the information transfer and multiple image display in the simplest way. This technology can be designed for rear running lamps, rear brake lamps and rear turn signal lamps. Our rear lamps are the best choice with the visual effect and performance quality.

We will also demonstrate many special lighting and display LEDs at NEPCON Japan 2020. With the professional development ability over 36 years, we combine the R&D, business and market teams to continuously seek the innovation and breakthrough on package technology and quality control as well as provide all kinds of perfect solutions for customers.

**Product Photo(s):**



EL SMARTLED Series are suitable for the interior lighting scenario of automobile.

Source: EVERLIGHT ELECTRONICS CO., LTD



EVERLIGHT Fish Scale Lamp

EVERLIGHT Fish Scale Lamp with better solidness and reliability (The appropriate package structures and product materials will be selected according to the customer's requirements.)

Source: EVERLIGHT ELECTRONICS CO., LTD

Exhibition: NEPCON Japan 2020

Date: 2020/1/15-1/17

Time: 10AM-6PM

Venue: Tokyo Big Sight, Japan

Booth Number: Aomi Halls A18-16

**About EVERLIGHT Electronics Co. Ltd.**

EVERLIGHT Electronics Co., Ltd, founded in 1983 with the professional development ability over 36 years, combines the R&D, business and market teams to continuously seek the innovation and breakthrough on package technology and quality control as well as provide all kinds of perfect solutions for customers. Our product lines include High Power LEDs, SMD LEDs, Lamps, Lighting Components, LED Lighting Modules, Digital Displays, Opto-couplers and Infrared Components. Our customers can select the most appropriate package products from EVERLIGHT to accomplish the best efficiency and quality performance in accordance with their demands. EVERLIGHT has dedicated to "Working Together, Going Forward and Keeping Persistency" for many years, and taken the top five achievement in the global LED market. We will continuously develop more diversified LED products to provide all kinds of impeccable product solution and create the win-win future!

Please visit us at [www.everlight.com](http://www.everlight.com); PR contact: [pr@everlight.com](mailto:pr@everlight.com).