

Product News

EVERLIGHT LED EL3534 : The SMART combination of light, performance, and value.

Shulin District, New Taipei City, Taiwan, May, 2021 –EVERLIGHT sets new expectations for Automotive interior lighting follow general trends in lighting toward hundreds and even thousands of RGB LEDs per car.

EVERLIGHT has officially become a member of the ISELED Alliance, which is to develop intelligent RGB LED technology for automotive interior and provide innovative solutions for automotive lighting. With the continuous global technology evolution and the transfer of the automotive industry to digitalization, vehicle interior lighting has grown substantially to improve the user experience. In order to comply with the ongoing trend smart innovation research and development, EVERLIGHT employs ISELED to release EL SMARTLED (EL3534-RGBISE0391L-AM) with an embedded IC. The new EL3534 smart LED has installed a driver IC from Inova Semiconductors in the new designed package structure in addition to the three color chips (red, blue and green).

Key features of the EL3534 includes:

- **Active Thermal Management in LED device**

The driver IC enables the direct calibration of LED in the memory and compensate the thermal drop for red color automatically. It is mounted in bottom side of the lead frame.

- **Free up more possibilities for the Light module design concept.**

The RGB rays glow from delta chip orientation in the top side of the lead frame. The integration of controller IC and LEDs in one package save the space and interconnections for PCB design in compact interior space.

The EL3435 LED device will be available soon this year globally. Followed by the planned schedule below.



Stage	Available Schedule	remark
DataSheet	End of June	Datasheet & Ray file available
Application Note	End of Aug.	Application note available
MP	End of Nov.	PPAP

About EVERLIGHT Electronics Co. Ltd.

EVERLIGHT Electronics Co., Ltd. was founded in 1983 in Taipei, Taiwan. Led by Chairman Robert Yeh. EVERLIGHT has over 38 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