

PRODUCT NEWS

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EVERLIGHT Electronics adds updated Shwo F-ELB LED series to existing high power lighting LED portfolio

Shulin, New Taipei City 【2016.03.11】– EVERLIGHT ELECTRONICS CO., LTD. 【TSE:2393】, a leading player in the global LED and optoelectronics industry, announces the Shwo F-ELB high power LED series, the latest and most powerful update to the existing high power and bright "Shwo" LED Series. Shwo F-ELB features Flip Chip technology to enable better overdrive conditions while maintaining high efficiency.

EVERLIGHT's Shwo F-ELB series is a high-power SMD device featuring high lumen density in a compact size and is suitable for all kinds of lighting applications including general illumination, flash, spot, signal, industrial and commercial lighting.

EVERLIGHT's Shwo F-ELB devices can be driven at 1.0 Watt with a standard operating current of 350 mA or up to 5W with a standard operating current of 1500mA. The luminous flux of the 1.0W Shwo F-ELB is up to 165lm (152lm/W) at 6500K CCT or 130lm (120lm/W) at 3000K CCT when driven at 350mA of current. At 1500mA, the Shwo F-ELB can achieve 545lm at 6500K CCT or 430 lm at 3000K CCT.

This high power SMD device is offered in a compact ceramic package (3.5x3.5x2.36mm). The thermal pad of this device is electrically isolated, providing convenience in thermal and electrical design. The Shwo F-ELB series also has the advantage of a low thermal resistance of less than 5°C/W for optimized heat management.

These newest Shwo F-ELB devices are currently available for sampling and mass production.

"Shwo" is the English translation for the Chinese word meaning "twinkle" and is often used as a description of stars or other bright, celestial objects as seen from Earth. This word is a relevant description for this bright, compact Everlight LED package. Preferred applications include general illumination, flash, spot, signal, industrial and commercial lighting.

EVERLIGHT promotes close working relationships between our R&D, Sales and Marketing teams to better meet and exceed our customer's expectations in both product offering and technology perspectives. The Shwo(F) LED series and its many technical features are a result of fostering a closer relationship between these teams.

Product image:

Image caption: "Shwo" is the English translation for the Chinese word meaning "Twinkle" and is often used as a description of stars or other bright, celestial objects as seen from Earth. This word is a relevant description for this bright, compact Everlight LED package. (Structures and materials depend on demand of client).

Sample Available: Yes. (Upon request)

Mass Production: now (2016 Q1)

About EVERLIGHT Electronics Co. Ltd.

EVERLIGHT Electronics Co., Ltd. was founded in 1983 in Taipei, Taiwan. Led by Chairman Robert Yeh, EVERLIGHT Electronics Co. have over 32 years of R&D experience for reliable capability. With immediate service and an excellent brand reputation, EVERLIGHT has taken top five in the competitive LED market. Our products are manufactured and packed in-house to guarantee maximum quality and service. EVERLIGHT provides a diverse product portfolio consisting of High Power LEDs, SMD LEDs, Lamps, Lighting Components, 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, India, Germany and U.S.A.

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