

**PRODUCT NEWS**

Light + Building 2016, Frankfurt/Main, Germany, Hall 4.1 Stand K10

LIGHTFAIR 2016, San Diego Convention Center, USA, 1851

## **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 has over 33 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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