

## PRODUCT NEWS

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

## EVERLIGHT Electronics improves efficiency of its 5630 LED Series suitable for Professional, Commercial and Industrial Lighting Applications

*5630 High Efficiency (HE) KK7D-ELB series now achieves 210-220 lm/W and is EVERLIGHT's highest efficiency product.*

**Shulin, New Taipei City [2016.03.08]** – EVERLIGHT ELECTRONICS CO., LTD. [TSE:2393], a leading player in the global LED and optoelectronics industry, announces an ultra-high efficiency version of its low-mid-power 5630 package series, the 5630 HE KK7D-ELB, available now.

With the rise of energy-saving efforts worldwide and improvement of applications using LEDs as next-generation light sources, more emphasis is put on the performance of LED lighting components than ever before. EVERLIGHT breaks through technical barriers to provide its highest efficiency product ever. The 5630 HE KK7D-ELB (0.2W) achieves 210-220 lm/W (5000K) and excels with a tight 3SDCM ellipse binning for maximum color consistency.

Using thermal plastic materials with high reflection, high lifetime, and improved optical structures, the 5630 HE KK7D-ELB LED series is optimized to obtain this industry-high optical efficiency without modifying the circuit and PCB layout compared to previous versions. Thus the amount of necessary LEDs, or power used, can significantly be reduced to save energy for the whole application. For example, customers designing a 2000lm linear fixture using EVERLIGHT's 210-220lm/W 5630 HE KK7D-ELB LEDs, need less than 12 watts of power consumption from the LEDs. This is a 30-40% energy saving compared to current comparable LED designs and is ideal for a broad range of professional, commercial and industrial lighting applications.

The current versions 5630 HE KK5D (195lm/W at 5000K) and KK6D (205lm/W at 5000K) are in mass production now.

EVERLIGHT has over ten year of experience on developing lighting LED products. With long period of time research and development experiences, EVERLIGHT is now able to offer a comprehensive lighting portfolio of low, mid, high power to COB products which include all different characteristics to satisfy all demands such as efficiency, size, performance/price and heat resistance, etc. Along with strict quality and production control, EVERLIGHT always focuses on what the clients need and provides one-stop

optoelectronics solutions for every need.

**Sample Available:** Yes. (Upon request)

**Mass Production:** 2016 Q2

For more information or datasheets of these products, please contact our sales offices. For the local sales, please visit our website: [www.everlight.com](http://www.everlight.com)

**Product images:**



**Caption:** EVERLIGHT’s 5630 HE KK7D-ELB series (0.2W) achieves 210-220 lm/W to fulfill the high luminous performance demands of professional, commercial and industrial lighting applications. (Structures and materials depend on demand of client). **Source:** EVERLIGHT Electronics Co., Ltd.

**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, Opto-couplers 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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