

**Product News**

LIGHTFAIR 2017, Pennsylvania Convention Center, USA, 2701

## **EVERLIGHT's Complete Portfolio of Agriculture LEDs meet Different Plant and Animal Requirements**

*EVERLIGHT is supplying different powers combined with the availability of different colors enables EVERLIGHTs' customers to meet various kinds of market demands.*

**Shulin, New Taipei City - May 8, 2017 - EVERLIGHT Electronics Co., Ltd. 【TSE:2393】**, a leading player in the global LED and optoelectronics industry, is going to exhibit its comprehensive portfolio of agriculture light LEDs at LIGHTFAIR INTERNATIONAL in the U.S.A., it will include a variety of high-power, medium-power and low-power agriculture lighting LED products that meet various kinds of market demands. Different environments, animals and plants need these different combinations to achieve maximum productivity and energy-savings. We sincerely welcome you to visit the EVERLIGHT booth at #2701 to see everything in person.

The world population was 2.5 billion people in 1950 and has grown to 7.4 billion people in 2016, about 3-times higher. It is estimated that the world population will exceed 10 billion people by 2050. Population explosion will stretch thin our global resources and force conventional agriculture to search for higher productivity and energy-saving solutions to cope for the growing demands. Consequently, large plant production factories and agriculture LED lighting will play a significant role in alleviating the supply and demand balance but assist in slowing down climate change.

EVERLIGHT has particularly developed the comprehensive portfolio of agriculture LEDs with full wavelength coverage.(450nm ~ 730nm). The most needed packages for the market now are high power ceramic based LEDs with domed lenses to effectively control total heat in the lighting system and extract performance from the package. EVERLIGHT's package is the EAHP3535 series (3.5x3.5x2.03mm). The Royal Blue (450nm) is operative up to 4.5W and has a WPE of over 65% while the Deep Red (660nm) also has a WPE of over 65% and is able to obtain a 4.7 PPF that facilitates optimum photosynthesis in acceleration of plant growth. EVERLIGHT has also developed two handy medium-power LEDs, EAHP3030 (3.0x3.0x0.63mm) and EAHP2835 (2.8x3.5x0.65mm). Both are applicable to plant factories or vertical farming. With the comprehensive portfolio, customers can choose the appropriate lighting solutions according to the wavelength, power and size.

Agriculture LED lighting is not only about selecting the right combinations of wavelength, power, and size. EVERLIGHT is one of the first LED manufacturers that have put monochromatic LEDs through LM-80 testing to provide accurate and guaranteed LED lifespans. EVERLIGHT integrates its professional R&D, Sales and Market teams to continuously pursue innovation and technical breakthroughs so as to provide customers with impressive product solutions.

Product figure:



**EVERLIGHT's comprehensive portfolio of Agriculture LEDs meet different plant requirements.**

(Proper package structure and product materials will be selected according to customer requirements)

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 has over 33 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 five 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.

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