

PRODUCT NEWS

EVERLIGHT Releases UVC3535NUB Series for Medical Treatment, Water and Air Purification/Sterilization

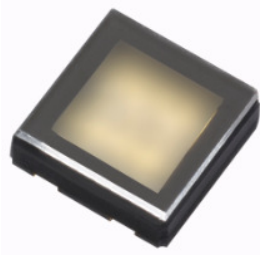
Shulin, New Taipei City – Mar. 4, 2020 – EVERLIGHT ELECTRONICS CO., LTD. 【TSE:2393】 , a leading player in the global LED and optoelectronics industry, releases its new ELUC3535NUB series of UVC products for the maintenance of life quality and health, using the epitaxial and flip chips on the sapphire substrate to guarantee quality and sterilization.

UV rays with short wavelengths and strong energy can trigger chemical reactions and change matter, when exposed to radiation. Popular markets for UV applications are curing, medical treatment, photocatalyst and counterfeit testing. Recently a rapid growth of demand in the markets for UV technology can be seen, especially in air purification and the sterilization of standing or running water. EVERLIGHT has invested in LED technology for many years and has developed UVA and UVC products. There are already existing 2016, 3535 and 4545 packages for UVA (UV black light radiation, 360-410nm) including low to high wattages and several kinds of emitting angles for individual customer options.

EVERLIGHT now also offers the new ELUC3535NUB UVC LED Series (3.5x3.5x1.4mm), packaged in inorganic quartz glass with a wavelength of 280nm. The product series covers three different intensity levels (2mW, 10mW and 30mW), which makes it ideal for various different applications like medical treatment, water or air purification and sterilization of germs, viruses or mold. Furthermore, the ELUC3535NUB LEDs can be used for deodorizing and bactericidal treatment, when installed for instance in a modern smart toilet. A similar effect can also be achieved by using our UVA3535 (1.8W, 120°) LEDs in combination with Titanium dioxide (TiO₂).

Based on our professional research and development experience of more than 37 years, we combine R&D knowhow with marketing skills to continuously seek innovations and breakthroughs on package technology. Furthermore, we apply strict production and quality control to provide perfect LED solutions to our customers.

Product Photo(s):



ELUC3535NUB series can be widely applied for medical treatment, water and air purification.

Source: EVERLIGHT ELECTRONICS CO., LTD

About EVERLIGHT Electronics Co. Ltd.

EVERLIGHT Electronics Co., Ltd, founded in 1983 with the professional development ability over 37 years, combines the R&D, business and market teams to continuously seek the innovation and breakthrough on package technology and quality control as well as provide all kinds of perfect solutions for customers. Our product lines include High Power LEDs, SMD LEDs, Lamps, Lighting Components, LED Lighting Modules, Digital Displays, Opto-couplers and Infrared Components. Our customers can select the most appropriate package products from EVERLIGHT to accomplish the best efficiency and quality performance in accordance with their demands. EVERLIGHT has dedicated to “Working Together, Going Forward and Keeping Persistency” for many years, and taken the top five achievement in the global LED market. We will continuously develop more diversified LED products to provide all kinds of impeccable product solution and create the win-win future!

Please visit us at www.everlight.com; PR contact: pr@everlight.com.