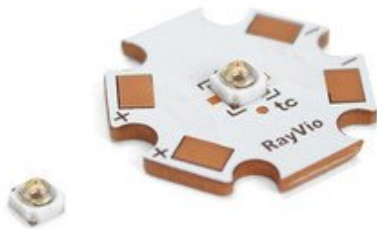


## RayVio's new XR 308 nm UVB LED can lower treatment costs and improve treatment processes

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**RayVio has achieved record-setting performance of 300 mW output at 308 nm from a single UV LED package and is already sampling this option to customers.**



RayVio Corp., an advanced health and hygiene company, is shipping its new, 308 nm XR UVB LEDs and supporting the development of phototherapy treatments for skin diseases. RayVio's new XR UV LEDs enable targeted therapies, smaller and lower cost treatment devices, and superb reliability. Available directly from Digi-Key as an emitter or pre-mounted on a star board for easy development and product integration, RayVio's new LEDs deliver 13 mW at 100 mA and are rated for up to 10,000 hours of continuous use.

"UV Treatment of Psoriasis and Vitiligo have been limited because of the size and cost of the equipment as well as the risk to healthy surrounding tissue," said Yitao Liao, Chief Innovation Officer and co-founder at RayVio. "Excimer laser systems address the targeting of treatment to avoid damaging healthy skin, but the systems are bulky and very expensive. Our 308 nm UV LEDs are being put into compact, handheld devices that are portable."

RayVio has achieved record-setting performance of 300 mW output at 308 nm from a single UV LED package and is already sampling this option to customers. Its advances in LED technology for phototherapy and Vitamin D production are also advancing and the company is preparing a more powerful, 293 nm emitter in 2019.

RayVio's work in the UVB range for phototherapy applications complements its pioneering UVC LED technology that offers leading performance for disinfection and sterilization applications like water purification.

RayVio Corp. is an advanced health and hygiene company that delivers clean water and environments. RayVio helps protect billions from germs and creates new markets and revenue streams by enabling a new class of products. Its powerful and efficient UV LED technology can be integrated into a variety of applications, powering versatile on-demand solutions that give consumers control over health without chemicals or costly consumables.