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Cree LED and SANlight partner to advance high-efficiency horticulture lighting

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Cree LED, aÂ Penguin SolutionsÂ brand, and SANlight GmbH, Schruns, Austria, announced a partnership under which SANlight will use Cree LEDâ??s J SeriesÂ®Â products in its new STIXX-Series luminaires.

Developed for applications with limited space, the STIXX fixtures feature a slim, space-saving design with module efficiency of up to 3.1 Î¼mol/J. Backed by LM-80 testing with TM-21 lifetimes exceeding 53,000 hours, the luminaires deliver exceptional reliability and long service life. Advanced secondary optics not only direct light with maximum efficiency to the canopy, but also fully protect the LEDs, achieving an outstanding IP68 rating for dust and water resistance â?? ensuring both performance and durability in any environment.

â??With Cree LEDâ??s leadership in LEDs and established track record in optimizing solutions for horticulture, this partnership with SANlight is a natural fit,â?• said Joe Clark, president, Cree LED. â??SANlight brings a deep understanding of photobiology and a commitment to sustainable agronomy â?? both of which align perfectly with our mission to enable

breakthrough lighting performance for growers worldwide.â?•

â??Innovation, precision and quality are at the heart of SANlight, and choosing Cree LED as our technology partner ensures that every grower can experience lighting that maximizes yield and efficiency,â?• said Martin Anker, CEO, SANlight GmbH. â??The optimized full spectrum supports vigorous growth and healthy plant structure throughout both the vegetative and generative phases.â?•

With its modular design and versatility, the **STIXX-Series** can serve as a classic toplight, undercanopy light or in vertical farming applications. The system can be easily adapted to different growing setups â?? delivering uniform, diffused light at both low and high intensities to optimize yield, quality and energy consumption.