



## sglux and Boston Electronics Announce New Visible Silicon Hybrid Sensors

June 18, 2018 - sglux GmbH and Boston Electronics announce a line of visible light sensors uniquely designed with selectable sensitivity ranges and amplified 0 – 5 V output. The new line is designated as **Silicon TOCONs**, noting their heritage to the highly successful sglux UV TOCON products.

To allow an easy integration in existing customer sensor electronics, the sensors output an amplified 0 - 5 Volts. Ten available models cover twelve orders of magnitude (picowatts/cm<sup>2</sup> to Watts/cm<sup>2</sup>) allowing the user to match the sensor to their first stage electronics and eliminate being forced to use non-optimum sensors and non-optimum electronic designs. The Silicon TOCONs are compact TO packages and well shielded from external noise. Spectral coverage spans from UV to near-IR in a single sensor (290 nm – 1010 nm). Numerous applications include analytical instrumentation, chemical analysis, illumination control and laser detection.

In addition to the new visible sensors, sglux offers a variety of different UV sensor products for applications such as UV disinfecting, lamp control, curing and instrumentation. sglux UV-sensors utilize Silicon-Carbide (SiC) based photodiodes. SiC provides the unique property of extreme radiation hardness, long lifetime and reliability.

Dr. Tilman Weiss, Managing Director of sglux commented, “we are excited to provide more unique, highly capable visible spectrum sensors that support growing industrial and scientific applications. The Si TOCON line is the natural extension of our UV TOCON sensor products.”

“We are excited about sglux’ expanded capabilities in visible sensing, complementing their comprehensive UV sensor products” commented Rick Mannello, CEO of Boston Electronics. “As sglux’ North American distribution partner, we are enthusiastic about bringing the new Silicon TOCON sensor solutions to the market”.

About sglux – sglux is the premier developer and supplier of high performance, reliable SiC UV and Si visible sensors, spectrometers, reference radiometer and PTB-certified calibration standards. Located in Berlin, Germany, sglux is ISO 9001 certified.

About Boston Electronics - Boston Electronics provides electro-optical solutions including photodetectors, LEDs, tunable lasers, imaging arrays and photon counting detection, spanning the spectrum from ultraviolet to infrared. Boston Electronics distributes products from premier manufacturers worldwide.

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