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**Sensor Electronic Technology, Inc. pushes single chip germicidal UV LED performance to 100mW optical output power**

Columbia, SC, USA – September 18, 2010 – In an ongoing development program to increase the power of ultraviolet light emitting diodes (UV LEDs) operating in the germicidal wavelength range, Sensor Electronic Technology, Inc. (SETI) has again exceeded the record for maximum optical power out of a single chip device.

In December 2009, SETI reported a constant current optical output power of 30mW in the germicidal wavelength range from a large area single chip with an active region of 1mm<sup>2</sup>. Today, through continued development, SETI has now achieved single chip constant current performance of 100 mW in the germicidal wavelength range.

While this level of single chip performance is not yet available in SETI's production LEDs, high power UV LED lamps are available under the UVCLEAN® trademark with germicidal powers up to 50 mW.

Recently, SETI demonstrated disinfection in an “on demand” drinking water system using 30mW LED lamps. “High power UV LEDs are essential to achieve the level of disinfection required in point-of-use and point-of-entry water treatment systems.” said Remis Gaska, President and CEO of SETI. “This ongoing development of large area high power UV LEDs will help to reduce the price per milliwatt and allow UV LEDs to enter cost sensitive disinfection markets”.

SETI will be presenting all the latest data on its high power single chip LEDs at the International Workshop on Nitrides (IWN) in Tampa, Florida, USA on September 19<sup>th</sup> – 24<sup>th</sup>. For more information about IWN, visit [www.iwn2010.org](http://www.iwn2010.org)

For more information about SETI, visit [www.s-et.com](http://www.s-et.com) or contact us directly at [info@s-et.com](mailto:info@s-et.com) or on +1 (803) 647-9757.