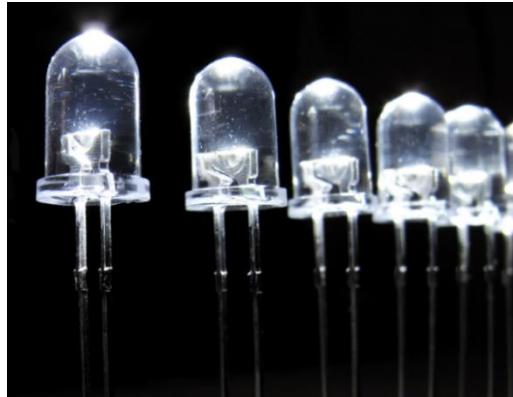


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# Picosun increases efficiency for LED and OLED production

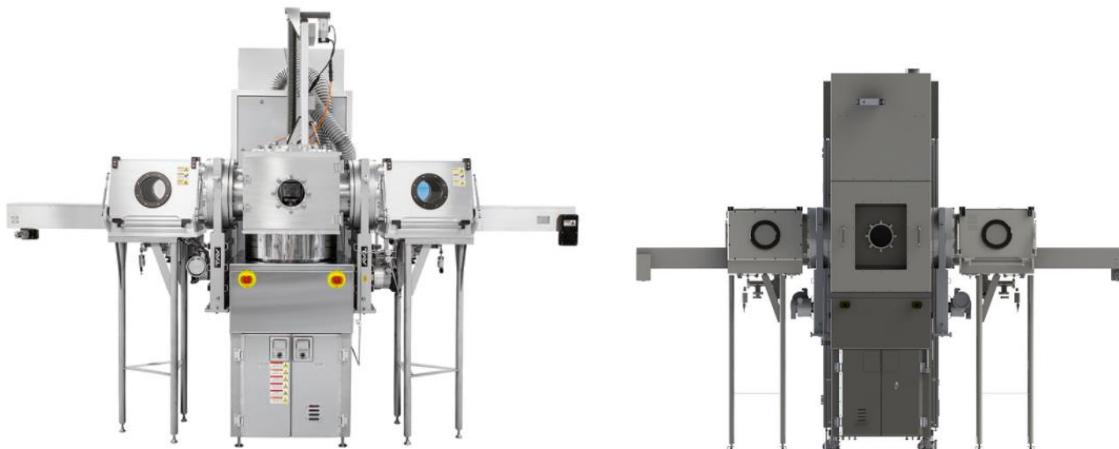
**ESPOO, Finland, 13<sup>th</sup> of April 2021** – Picosun Group has proved to significantly increase the production efficiency of its LED and OLED customers with the PICOSUN® P-300BV ALD system. Recent tests show that a reduced ALD process cycle time and an increased number of wafers deposited with the same film thickness resulted in almost 100% better throughput. A throughput of over 20 000 wafers per month can be reached with a wafer batch of 100 wafers\*. At the same time, the process quality in terms of film thickness uniformity has remained on an excellent level (<1% 1sigma) when measured within wafer, wafer to wafer as well as batch to batch.



"Picosun ALD solutions have become the standard in high volume ALD manufacturing. PICOSUN® P-300BV ALD system is designed especially for production of LEDs and OLEDs. With our experience and deep know-how in ALD we are continuously striving to minimize the total cost of ownership and ensure future-proofness for our customers", states Juhana Kostamo, Vice President, Industrial Business Area of Picosun Group.

Global LED and OLED manufacturers trust in ALD in their production to achieve better device performance and longer product lifetimes. This is a result of thin, conformal, uniform and pinhole-free material layers deposited by ALD for passivation and moisture protection as well as for creating buffer and interface layers.

\* 4" 100 wafers, >20000 WPM, <1% 1sigma WiW, <1% 1sigma WtW, <1% 1sigma BtB (120 nm TMA + H<sub>2</sub>O @ 200 °C)



Read more about PICOSUN® P-300BV at [picosun.com/product/p-300bv/](http://picosun.com/product/p-300bv/)

*Picosun provides the most advanced AGILE ALD® (Atomic Layer Deposition) thin film coating solutions for global industries. Picosun's ALD solutions enable technological leap into the future, with turn-key production processes and unmatched, pioneering expertise in the field – dating back to the invention of the technology itself. Today, PICOSUN® ALD equipment are in daily manufacturing use in numerous leading industries around the world. Picosun is based in Finland, with subsidiaries in Germany, USA, Singapore, Japan, South Korea, China mainland and Taiwan, offices in India and France, and a world-wide sales and support network. Visit [www.picosun.com](http://www.picosun.com).*

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