

## Changelight orders additional AIXTRON systems

Company expands MOCVD capacity for ROY fine pitch and mini LEDs with AIXTRON's flagship product AIX 2800G4-TM

**Herzogenrath/Germany, July 17, 2018** – AIXTRON SE (FSE: AIXA), a worldwide leading provider of deposition equipment to the semiconductor industry, is supplying additional leading-edge MOCVD technology to Xiamen Changelight Co, Ltd (Changelight). Thus, the Chinese company is expanding its production capacities for arsenide-phosphide-based red, orange and yellow LEDs (ROY LED) and solar cells by several AIX 2800G4-TM cluster systems. The tools will be delivered to the customer between Q3/2018 and Q1/2019.

All production systems have a wafer configuration of 15x4 inches, which enables maximum yield at the highest quality level. Due to its unique production performance and the high manufacturing capacity of AIXTRON's automated Planetary Batch Reactor concept, the AIX 2800G4-TM has established itself as a reference system for the production of ROY LEDs in recent years.

Jin Zhangyu, president of Xiamen Changelight, said: "We have been using AIXTRON's equipment technology to manufacture advanced optoelectronic devices for years and therefore, have great confidence in the AIX 2800G4-TM. The outstanding performance of the system in terms of wafer homogeneity and efficiency in material consumption combined with maximum flexibility and versatility in production will help us to position Changelight as one of the world's leading suppliers of ROY LED for fine pitch, mini LED and micro LED applications."

"AIXTRON is the largest supplier of MOCVD systems for the production of ROY LEDs and laser diodes worldwide. The strategic partnership with Changelight, the largest customer for gallium arsenide-based MOCVD systems in China, helps us to consolidate and expand our leading market position. We will continue to actively support Changelight with our know-how in the future and look forward to continuing our trustful cooperation," says Dr. Bernd Schulte, President of AIXTRON SE.

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## **About AIXTRON**

AIXTRON SE is a leading provider of deposition equipment to the semiconductor industry. The Company was founded in 1983 and is headquartered in Herzogenrath (near Aachen), Germany, with subsidiaries and sales offices in Asia, United States and in Europe. AIXTRON's technology solutions are used by a diverse range of customers worldwide to build advanced components for electronic and opto-electronic applications based on compound, or organic semiconductor materials. Such components are used in a broad range of innovative applications, technologies and industries. These include LED applications, display technologies, data storage, data transmission, energy management and conversion, communication, signaling and lighting as well as a range of other leading-edge technologies.

Our registered trademarks: AIXACT®, AIXTRON®, APEVA®, Atomic Level SolutionS®, Close Coupled Showerhead®, CRIUS®, EXP®, EPISON®, Gas Foil Rotation®, Optacap™, OVPD®, Planetary Reactor®, PVPD®, STExS®, TriJet®

For further information on AIXTRON (FSE: AIXA, ISIN DE000A0WMPJ6) please visit our website at: [www.aixtron.com](http://www.aixtron.com).

## **About Xiamen Changelight**

Founded in 2006, Xiamen Changelight Co. Ltd. mainly produces full-color ultra-bright LED epitaxial wafers and chips, high performance gallium arsenide solar cells, LED lighting products and provides energy-saving lighting application solutions. Changelight's headquarter is located in Xiamen, Fujian Province, People's Republic of China. Currently, the company possesses several wholly owned subsidiaries and holding or share-participation companies in Xiamen, Yangzhou and other places. In addition, it has set up offices in Shenzhen, Zhongshan and other places.

For further information: [http://www.changelight.com.cn/index\\_En.aspx](http://www.changelight.com.cn/index_En.aspx)

## **Forward-Looking Statements**

This document may contain forward-looking statements regarding the business, results of operations, financial condition and earnings outlook of AIXTRON. These statements may be identified by words such as "may", "will", "expect", "anticipate", "contemplate", "intend", "plan", "believe", "continue" and "estimate" and variations of such words or similar expressions. These forward-looking statements are based on our current assessments, expectations and assumptions, of which many are beyond control of AIXTRON, and are subject to risks and uncertainties. You should not place undue reliance on these forward-looking statements. Should these risks or uncertainties materialize, or should underlying expectations not occur or assumptions prove incorrect, actual results, performance or achievements of AIXTRON may materially vary from those described explicitly or implicitly in the relevant forward-looking statement. This could result from a variety of factors, such as actual customer orders received by AIXTRON, the level of demand for deposition technology in the market, the timing of final acceptance of products by customers, the condition of financial markets and access to financing for AIXTRON, general conditions in the market for deposition plants and macroeconomic conditions, cancellations, rescheduling or delays in product shipments, production capacity constraints, extended sales and qualification cycles, difficulties in the production process, the general development in the semi-conductor industry, increased competition, fluctuations in exchange rates, availability of public funding, fluctuations and/or changes in interest rates, delays in developing and marketing new products, a deterioration of the general economic situation and any other factors discussed in any reports or other announcements, in particular in the chapter Risks in the Annual Report, filed by AIXTRON. Any forward-looking statements contained in this document are based on current expectations and projections of the executive board based on information available the date hereof. AIXTRON undertakes no obligation to revise or update any forward-looking statements as a result of new information, future events or otherwise, unless expressly required to do so by law.

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