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CURRENT NEWS



CEA-Leti and Neolux to industrialise intelligent LED systems in France

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The firms will develop third-generation gallium nitride LEDs in the MODULED project which aims to simplify the functioning and assembly of current LED systems.

CEA-Leti and Neolux have announced a new partnership aimed at developing and manufacturing innovative LED modules and products for lighting.

The three-year project, known as MODULED, will industrialise smart LED systems in France by simplifying functioning and assembly, reducing the mechanics and electronics of current LED systems, and incorporating the latest LED features. The project also will include establishing processes to allow the fabrication of next-generation LED modules while reducing the costs of acquisition for OEMs.

"The next generation of LEDs will react with their environment -- the lighting of the space and the presence of a person -- and the lighting envelope will assure heat dissipation," said Ludovic Labidurie, CEO of Neolux. "Together, these developments will significantly reduce the cost of these products, and our project will take advantage of these changes to develop a new generation of intelligent LED systems."

Leti has focused on LED lighting technology since 2006 and in recent years has launched a variety of projects to deal with the key issues of thermal management, light extraction and wavelength conversion.

"LEDs offer unparalleled possibilities to integrate new features beyond their energy efficiency," said Laurent Mailier, Leti CEO. "I am convinced that we are at the dawn of a generation of intelligent lighting objects that is similar to what we saw happening in communications products 10 years ago. Leti has been preparing for this evolution for several years and the successful integration of our new technologies will allow Neolux to open new markets, while reinforcing its offer against increasingly tough competition."

The partnership will give Neolux, which conceives and commercialises LED lighting solutions, access to the project's first qualified product.

