



LACROIX facilitates the transition to smart public lighting

(Nantes, 03/14) LACROIX, through its Smart Lighting segment integrated into its Environment division, announces the launch of two new products to facilitate the evolution toward connected public lighting. These two products, PS-Pak and EaZy-Pak, complement the company's historic offering of intelligent, connected public lighting network management, providing even greater flexibility and connectivity for cities and municipalities.

Modernizing public lighting without a complete overhaul is possible!

Public lighting accounts for 40% of local governments' energy budgets. To optimize this expenditure, smart and connected lighting offers a concrete and immediate solution. Faced with rising energy costs and environmental challenges—such as biodiversity preservation and reducing light pollution—LACROIX supports municipalities in a swift transition toward more efficient and sustainable lighting.

With these two new **plug & play** solutions, LACROIX aims to simplify the modernization of public lighting networks by adding smart and connected features to traditional streetlights. This presents an opportunity for operators and managers to accelerate the shift toward energy-efficient, remotely controllable networks.

PS-Pak : A base-mounted and wall-mounted module for local lighting management

The PS-Pak module combines two essential functions: powering Zhaga nodes located outside luminaires and controlling drivers.

- **Simplified setup:** Thanks to its integrated Bluetooth technology, PS-Pak allows local configuration of the installation without opening the streetlight access panel. Installed at the base of the pole or in a wall-mounted cabinet, it eliminates the need for aerial work platforms. This ease of use saves operators time and significantly reduces maintenance costs.
- **Cost reduction:** By optimizing lighting control, it reduces maintenance and energy expenses.
- **Total interoperability:** Compatible with all standard drivers (DALI, DALI2, D4i) and capable of independently controlling up to six luminaires.
- **Built-in flexibility:** The PS-Pak module includes a +24V power output to power a Zhaga socket outside the luminaire.



By simplifying management and optimizing interventions, PS-Pak is an essential tool for municipalities seeking efficiency and cost savings in their public lighting networks. With its 2-in-1 functionality, PS-Pak is a crucial step toward transitioning from local to connected management.

A scalable and standardized solution: EaZy-Pak



EaZy-Pak is a standardized Zhaga socket designed to meet the growing need for flexibility and scalability in public lighting network management. Powered by PS-Pak, it offers several advantages:

- **Easy to install:** It transforms conventional lighting into an intelligent, connected network without changing the existing infrastructure.
- **Compatible and interoperable** with LACROIX smart control nodes, such as the TZX, as well as any other market nodes. EaZy-Pak offers great flexibility for integration into various lighting systems.
- **Eco-designed:** Its casing contains more than 80% recycled materials, reducing its carbon footprint.

This innovative approach enables municipalities to **upgrade their existing luminaire networks** that lack standardized Zhaga sockets by gradually integrating smart functionalities.

Solutions tailored to every area, from city centers to rural spaces

. These solutions are particularly well-suited for large-scale installations, such as public lighting networks managed by local authorities, industrial zones, and commercial areas. They are also effective for controlling specific zones, whether in high-traffic areas like city centers or lower-traffic locations such as residential neighborhoods and even rural areas. The combined **EaZy-Pak / PS-Pak / TZX** solution optimizes resource use while reducing energy dependence.

LACROIX thus contributes to creating more resilient and energy-sovereign communities while supporting their transition toward more sustainable lighting.

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About the LACROIX Group

Convinced that technology must contribute to simple, sustainable, and safer environments, LACROIX supports its customers in developing more sustainable living ecosystems, thanks to useful, robust, and secure electronic equipment and connected technologies. As a listed, family-owned midcap company with €761 million in revenue in 2023, LACROIX combines agile innovation, industrialization capacity, cutting-edge technological know-how, and a long-term vision to address environmental and social challenges through its two main activities: Electronics and Environment.

LACROIX relies on two distinct activities, including the activity Environment, which provides electronic equipment and connected industrial IoT solutions with the aim of optimizing the management and remote control of water networks, heating, ventilation and air conditioning installations, smart grids, and street lighting.

Faced with the challenges of dwindling natural resources, global warming and population growth, the activity Environment supports public and private customers in the digitalization and management of water and energy networks, offering a complete range of equipment and solutions for the control, operation, and performance of critical applications.

Drawing on an international network of distribution partners, the activity Environment of LACROIX serves markets in over 30 countries.