

Sogexi®



Tailor-made and ready-to-use equipment
for all street lighting installations

Connecting, protecting, installing, and listening to your needs, for 40 years

The Sogexi range and its blue junction boxes

have been in the street lighting market for several years. As a leading brand in our sector, our unfaltering goal is to provide you with the best possible service. Our products represent historical know-how and meet the market's needs in terms of innovation. Thanks to the adjustments made over the years, they fully correspond to new uses required by smart cities. **Our motto? "Performance, reliability, and durability."**



Iconic products



**COPAK
TERMINAL**

INTERPAK



KAPTIGE

SECURIS



PEPLIC



Who better to speak about Sogexi products than **our customers...**

Radu Tebesel
Flash Lighting –
Romania

“The first time we installed LACROIX Sogexi products was 12 years ago, and so far we have not had to step in and correct any defects. This – combined with their value for money, delivery times, and the excellent quality of the service offered – makes LACROIX an essential partner to us.”

Thibaut Brondel
Street Lighting Service for the city
of Villefranche-sur-Saône – France

“Sogexi first and foremost supplies the junction boxes that meet our street lighting needs. They always have the right junction box for our uses. The junction boxes are also easy to handle, require very few tools, and once they're in place, you feel safe. We also use their terminals because there is always a model suited to our needs. They recently added transparent versions to their range that allow us to immediately identify the configuration of the installation, which saves us time. Sogexi products facilitate our work in the field.”

Mathieu Janin
Romande Energie –
Switzerland

“We work with LACROIX junction boxes for their customizable options which meet our various needs regardless of the situation. They also allow us to anticipate future developments in our installations (sensors, smart management systems, etc.). I find that it is both a sustainable and scalable solution.”

Listening to your needs, developing your solutions, and supporting you in all your projects

Our products are designed for your needs; they are the sum of your feedback.

We think out and design our equipment for the singular purpose of facilitating its installation and maintenance in the field.

Our vocation is to be the leading supplier for all smart road solutions thanks to a comprehensive, reliable and reputed offer.

EXPERTISE

We guarantee unique know-how across all areas, from product design to technical support.

CONTINUOUS INNOVATION

We develop equipment that evolves with your needs, drawing on our know-how and feedback from the field.

QUALITY

We guarantee reliable installations thanks to robust, safe, and durable equipment.

ECO-DESIGN

We take into account environmental issues right from the design stage of our products and take action regarding the impacts inherent to their life cycle.

SERVICE AND SUPPORT

We strive to be responsive and support you throughout your projects thanks to our dedicated support teams.

Expert in **STREET LIGHTING** for over **40** YEARS



8 PATENTS filed in 10 years*



96% Satisfaction rate for our CUSTOMERS**



DELIVERY within **48 TO 72 HOURS** for 80% of our products



PRODUCTS DESIGNED AND MANUFACTURED IN FRANCE



KNOWLEDGE OF THE ENVIRONMENTAL IMPACTS OF 100% of our products



More than **6** million **JUNCTION BOXES** installed in France and Europe



* Concerning junction boxes and accessories, excluding patents filed for smart management systems.

** Source: INIT customer satisfaction survey - Spring 2022.

Smart connection solutions that meet all implementation needs



CITYPAK

With its large capacity and compact size, Citypak is the first **junction box** designed for **smart lighting** using **shorter posts**.

EUROPAK

With **the largest capacity** on the market and **specially designed for smart lighting**, Europak is the ideal solution for major **smart city** projects.



Citypak and Europak for smart lighting



Large capacity
Both are compact yet spacious, with zones dedicated to smart devices.



Scalability suited to smart lighting
Modular and versatile designs, making it easy to add new features and adapt to all applications.



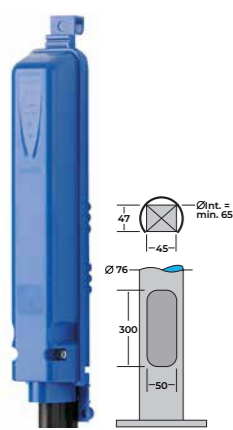
Simple and secure
For installation and maintenance alike.



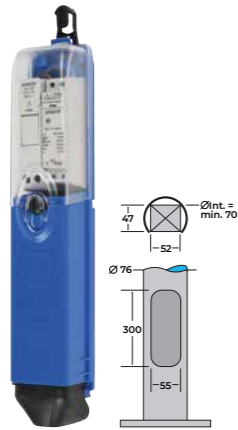
Smart connection solutions
that meet all implementation needs

A complete range of lamppost junction boxes

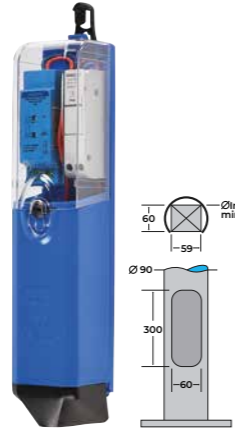
 **Leader in France**
in the junction box market



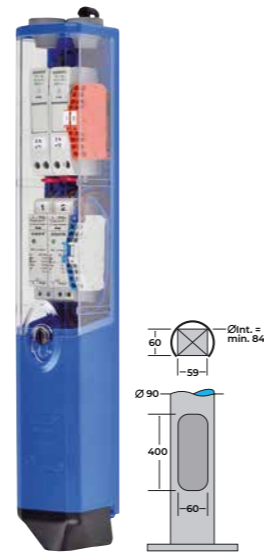
LOTIPAK



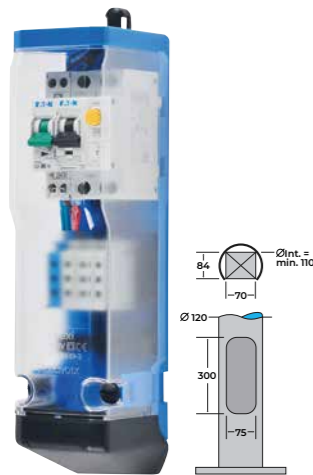
MINIPAK



DYNAPAK



CITYPAK



POLYPAK



INTERPAK



EUROPAK



MINIPAK



DYNAPAK



CITYPAK



INTERPAK



EUROPAK

Junction boxes that
are **100% transparent**
for total and optimal
visibility



**Immediate
visualization and
identification**
of components.



**Easy wiring and
maintenance.**

Smart connection solutions
that meet all implementation needs

Adjustable junction boxes

Configure, adapt
and modify.

PROTECTION ZONE

Devices for the
protections
of people and
electrical circuits
and ensure
street lighting
continuity.

**1,700 possible
configurations**
in a single junction box!

INTERFACE ZONE

Available on certain
junction boxes,
to make it easier to
connect smart city
devices.

Customizable

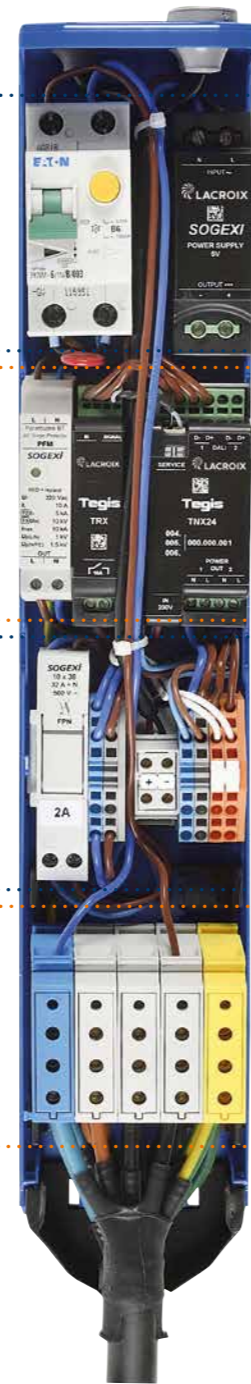
Create your very own
junction box for each
application: with or without
a power supply, with or
without control nodes.

Reliability

100% tested before
shipment; all nodes
and wiring **approved**.

Ease of use

Ready-to-use packs, delivered pre-wired.
On site, **simply connect**: the inputs,
peripherals (detection, USB socket, etc.),
and network cables.



INTERMEDIATE ZONE

Available
on certain
junction boxes,
for additional
protection
and/or smart
modules.

CONNECTION ZONE

For terminals or
terminal blocks,
depending
on wiring
requirements.

Easy-to-see
protection parts.



Fast and robust
opening system.



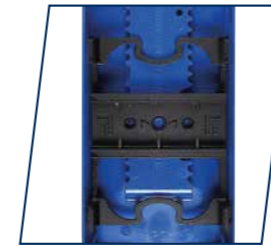
Easy-to-use
two-part cover.



Open sides and
stiffened back.



Easy-to-wire
removable terminal block..



Integration of terminals
or terminal blocks
(depending on the model).



Height-adjustable
mounting bracket,
no tools required.



Front hook for
attachment
behind the DIN rail.



Compatible with
other lamppost
drivers (rigid or
flexible systems
depending on the
model).



Polypak

the latest addition
to the range

**Shorter than Minipak and
as wide as Interpak**, Polypak
is specially designed for high
modules and wide cable
sections.

**As our 1st junction box with a
scalable IP** (from IP44 to IP54),
it adapts to various constraints
in the field.



Large yet compact

It can accommodate
up to 3.5 low modules
and 3 high modules.

Simple installation and maintenance

Optimum visibility of
the protection zone
and opening system
with quarter-turn
captive screw lock.

Modular

It can integrate
high modules, low
modules, terminals,
or terminal blocks.
Scalable IP.



Sogexi, a complete range

for every application

We realize there are **multiple** types of **needs** when it comes to connections, so we have developed **junction boxes and sockets** to suit **every kind of installation**.

WALL-MOUNTED JUNCTION BOXES

Six junction boxes, specially designed to accommodate **all protection formats, terminals, and other smart city devices** for discreet integration directly on walls or on brackets, as well as on concrete and wooden posts.



LUMIPAK
Universal wall-mounted junction box, available in two sizes – LD and LDX –, combining and optimizing esthetics and integration capacity*.



MICROPAK
Very compact, for a discreet and esthetic finish*.



LUMIPAK CSL
Large wall-mounted junction box, allowing for the integration of electronic devices such as LED drivers*.



LUMIPAK LDXP

LUMIPAK LDXC



BRF
A small size with a high protection index: IP66

SOCKETS

Festive lighting, sound systems, soft mobility and smartphone charging stations, etc. All these services may require a connection to the lighting network.

Thanks to our dedicated sockets and power supplies, we can help you implement them.



FESTILUM
Connector for festive lights. Also compatible with speakers, Wi-Fi terminals, and CCTV cameras.



USB SOCKET KIT
This allows users to easily charge their smartphones or any other device powered by a USB port via the street lighting network.



MINI SOCKET KIT
This allows a socket to be installed on an existing post, facilitating the temporary integration of fairy lights, for example.

Sogexi, a complete range for every application

WATER-RESISTANT JUNCTION BOXES

Combining a high level of water resistance (IP67/68) and high resistance (IK10), the **Aquapak** is particularly suitable for **lampposts in flood zones**. It can also be **wall-mounted, recessed, or buried**.



Large capacity
Two versions and two depths, allowing for different interior layouts.



Modular
Multiple possible configurations: cable grommets are available on all four sides, and it can be mounted on a lamppost or sconce or recessed.



Wide range of water-resistant junction boxes
For other sizes and characteristics, contact us for more information.



TRAFFIC JUNCTION BOXES

Designed for traffic and trolley road signs and CCTV protection, **these junction boxes perfectly match our LACROIX supports for all traffic lights**.

With the same main characteristics as our lamppost junction boxes, they allow you to integrate different types of terminals such as terminal block strips or spring-loaded terminals.

Various sizes available.



Equipment designed to **facilitate installation and maintenance**

With **field applications in mind**, we design **simple and sustainable products to facilitate** their implementation and **support you** in your maintenance operations.

THE COPAK TERMINAL AND TERMINAL BLOCK



A unique, patented design that ensures solid connections for reliable and secure installations*.

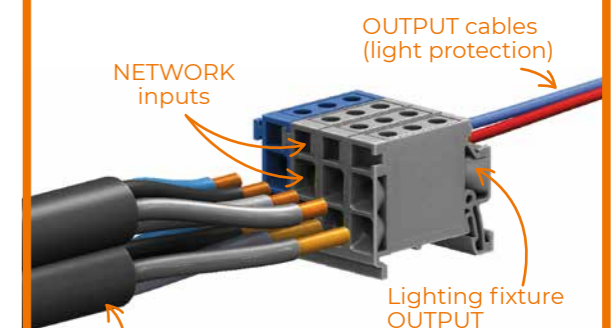


Reliability
Solid brass clamp screws and block for better clamping, high corrosion resistance, and reduced energy losses.

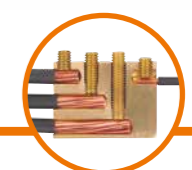
Durability
Individual housing and clamping per conductor, for a high-quality connection and a long-term contact that will hold.

Easy maintenance
Individual disconnection of conductors for testing or modification.

ARCHITECTURE OF A COPAK TERMINAL



Example: Assembly of four BD2 terminals to connect two network cables (four conductors).



Equipment designed to facilitate installation and maintenance

INGENIOUS ACCESSORIES

At LACROIX, we offer a wide range of accessories to help install and maintain lampposts.

With actual applications in mind, we designed these products to **make your preparation work faster, improve the quality of your installations, and reinforce the durability of your lighting points.** An ideal solution for saving on installation and maintenance operations.

PEPLIC & PEPLIC FAB
Semi-rigid, ready-to-fit, adjustable and insulating base plates.

Strengths

The verticality of the lamppost can be quickly and easily adjusted by tightening the rod nuts and compressing the Peplic. Compatible with all forms of blocks and precast blocks.



ISOCAP

Insulation for cable ends.

Strengths

Very easy to install (guide through tubes or removable plastic shells).
Extended range (two to five conductors) to cover all your needs.



KAPTIGE

All-in-one protective caps for threaded anchor rods and nuts.

Strengths

Pre-integrated dose of lubricant for easier and cleaner use.
Easy to install by pressing the nut onto the anchor rod.



SECURIS

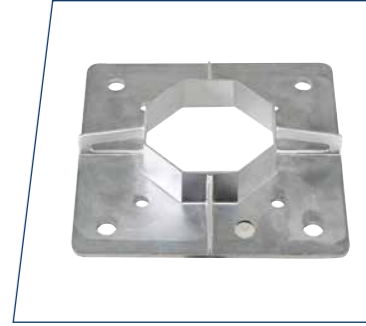
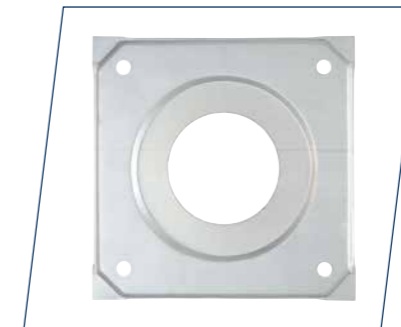
Protection and signage post for lampposts that are damaged or pending installation.

Strengths

Considerable height (> 1m), which keeps the junction box and cable in the vertical position.
Handle for a safety cord and easy handling.
The markers can be stacked for more compact storage.



Easy to install



NIVOSCEL

Anchor template with built-in level.

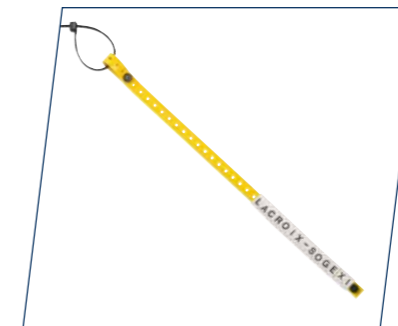
SCELKIT

Anchor kit facilitates the creation of the foundation block.



SADAPT

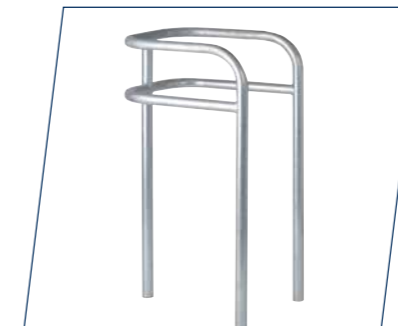
Accessory used to modify the center-to-center distance of the base plate without modifying the foundation block.



MARKIT

Flange for identifying distribution cables on street lighting installations.

Reinforced safety



LOCKIT

Anti-theft device for cables, positioned directly on the network cables.

PROPAK

Special protector for lampposts, protected areas and junction boxes.





LACROIX - City Street Lighting BU
1, rue de Maupas
69380 Les Chères - France
Tel.: +33 (0)4 78 47 33 55
info.eclairage-public@lacroix.group

www.lacroix-city.com

CONNECTED
TECHNOLOGIES
FOR **SMARTER**
MOBILITY

