

SOLAR STREET LIGHTING

365 NIGHTS OF GUARANTEED LIGHTING



FONROCHE
lighting AMERICA

SOLAR IS THE NEW STANDARD

An aerial photograph of a modern roundabout in a desert environment. The roundabout is paved with dark asphalt and has a central circular area with a light-colored, textured surface. Several tall, slender solar streetlights are positioned around the roundabout and along the adjacent roads. The surrounding landscape is arid, with sparse green shrubs and a large saguaro cactus in the foreground. The sky is clear and blue.

SOLAR IS THE NEW STANDARD

SOLAR LIGHTING, THE NEW STANDARD

At Fonroche Lighting, we are motivated by our desire to revolutionize street lighting around the world. With over 20 years of experience, and as the most experienced actor in solar street lighting in the US, we are convinced that solar energy is the best alternative to conventional grid street lighting. Together, we will overcome challenges and break the mold to accelerate the transition to a world of sustainable, efficient, economical and responsible lighting.

SOLAR IS THE NEW STANDARD

WHY CHOOSE SOLAR LIGHTING?

FOR 365 NIGHTS OF...



Savings

Quick and easy installation,
no more electricity bills and
no maintenance for ten years



Safety

Anti-blackout security system
and vandalism protection



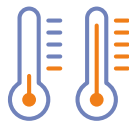
Autonomy

100% powered by solar energy,
our solutions do not require
connection to the grid



Intelligence

Optimized energy storage
and remote lighting control



Reliability

Resistant to even the most extreme
weather conditions, including high
winds and temperatures ranging
from -40 °F to +158 °F

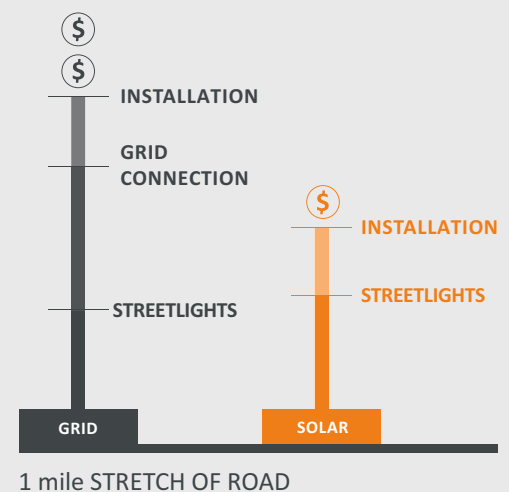


Environmental Responsibility

With a carbon footprint 2 to 6 times
lower than grid lighting

Solar lighting, It's lower cost right from the initial investment!

Solar lighting eliminates the need for electrical grid repairs or construction costs thanks to its **cable-free, hook up free, and switchgear free operation**, representing significant savings. With solar lighting, savings are immediate: say goodbye to electricity bills for your outdoor lighting!



Consisting of a highly efficient photovoltaic panel, a smart storage system and the latest LED lighting, the Smartlight is the most powerful solar streetlight available on the market. The **Power 365 solar technology** developed by Fonroche Lighting guarantees a level of reliability and competitiveness that is unrivalled on the market thanks to our high-performance components and a project approach specific to each environment and approved by major transportation departments.



Photovoltaic Module

- Excellent efficiency in all climates
- Self-cleaning hydrophobic coating
- Lifespan of 30 years



LED Light

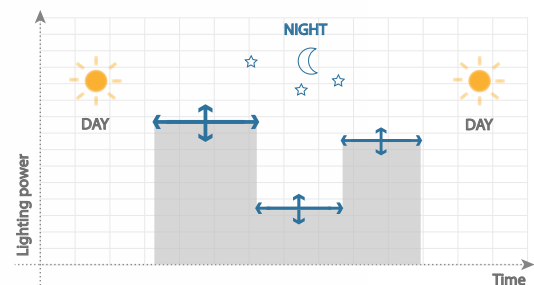
- Lighting performance exceeding 190 Lm/W
- From 40 to 80 nominal Watts
- Lifespan of 20 years

Pole and Mounting Arm

- Sized to official AASHTO Standards or as specified

Smart Storage and Management System

- Long lifespan (12 years, or 4000 cycles)
- Easy to recycle
- Durability in extreme temperatures (From -40°F to +158 °F)
- Programmable lighting profiles:





CALIFORNIA - Road



UTAH - Trail



FLORIDA - Parking lot

SUCCESSFULLY ACHIEVE YOUR SOLAR LIGHTING PROJECT GOALS

THANKS TO OUR UNIQUE APPROACH

Each project is different. By taking into account the irradiance and weather conditions of each project, we can determine the right streetlight size and components to guarantee 365 nights of lighting.



1
**Identification
of Project**
requirements



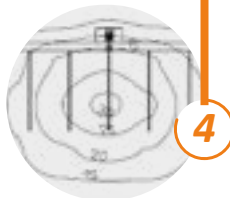
2
**Solar and
Environmental Study**

COLLECTION
of weather data from the site
SIZING
and simulation of a typical year



3
**Custom
Photometric Study**

RESULTS
365 nights of guaranteed
lighting per year
ADJUSTMENT
to create a project tailored to its
location

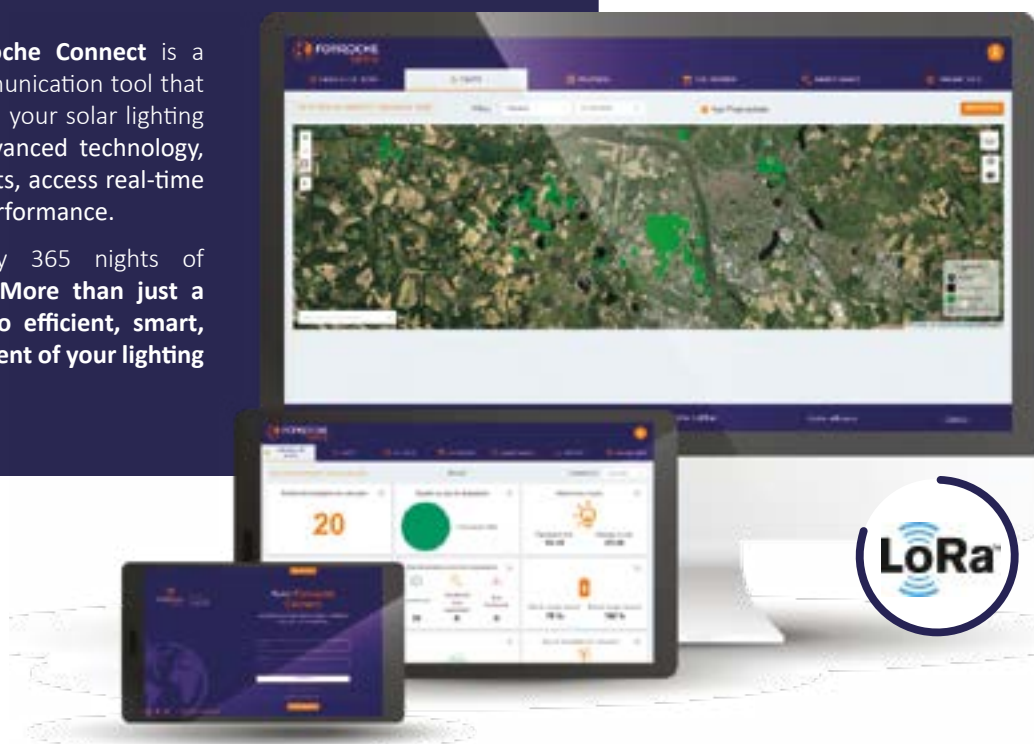


4
Precise Installation
for an optimized budget

Keep control of your installations

Developed by our teams, **Fonroche Connect** is a simple and intuitive remote communication tool that allows you to monitor and control your solar lighting network remotely. Thanks to advanced technology, you can geolocate your streetlights, access real-time diagnostics, and optimize their performance.

With Fonroche Connect, enjoy 365 nights of uninterrupted lighting per year. **More than just a monitoring tool, it's your key to efficient, smart, and stress-free remote management of your lighting network.**



High-performance features to meet all daily needs and scenarios

Optimize

Extend the lifespan of installations with continuous remote management, available 24/7.

Eliminate

Reduce physical interventions and minimize the use of lifting platforms.

Update

Automatically upgrade software to ensure performance and longevity.

Monitor

Control and manage equipment remotely, without the need for on-site visits.

Control

Simultaneously manage one or multiple solar streetlights in real time.

Anticipate

Meet needs with effective predictive maintenance.

YOUR AREA, YOUR STYLE, OUR AMBIENCES



NEW ART

Brilliant
Contemporary
Mineral

With lines that blend functionality and elegance, the lights in our SMARTLIGHT range are designed as a complete package and come in a variety of distinctive styles. In addition to providing solar-powered lighting, Fonroche Lighting can also help you choose the ambience that best suits your environment, reflecting your desire to take an innovative approach to street lighting.



BELLE EPOQUE

Refined
Authentic
Urban



ESSENTIAL

Sleek
Timeless
Design



OPERA

Customizable
Chic
Modern

nowatt
architectural solar lighting

NOWATT redefines outdoor lighting with its innovative solar-powered architectural lighting solutions. Combining elegance, durability, and advanced technology, NOWATT solar lights deliver reliable, grid-free illumination while enhancing the visual appeal of pathways, landscapes, and architectural spaces.



CRYSTAL STUD

Simple, elegant,
and built to last.



BRUT BOLLARD

Elegant and
Robust concrete
Bollard



FOLLOW BOLLARD


Contemporary and
high-performance
aluminum bollard



OKO BOLLARD

A refined wooden
design inspired
by nature

NEW ART

 **Stand Out**
With a Contemporary Style



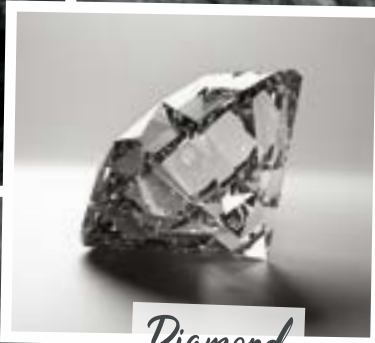
Innovative



Mineral



Diamond



NEW ART

BRILLIANT & MINERAL

Heavily influenced by nature and minerals, the design of the NEW ART lantern for solar-powered streetlights is inspired by diamonds, with their solidity and special relationship with light. The facets on top of the lantern give it a raw, carved-out appearance, but also a technological edge.



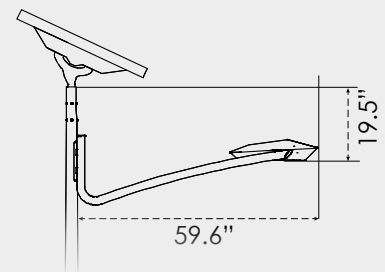
This light, with its fluid, lightweight design, will add a high tech feel to your roads, whether in rural or urban environments. NEW ART is ideal for those who want to stand out from the crowd and make an impact.



Applications:
roads, streets, walkways, roundabouts, highways, etc.

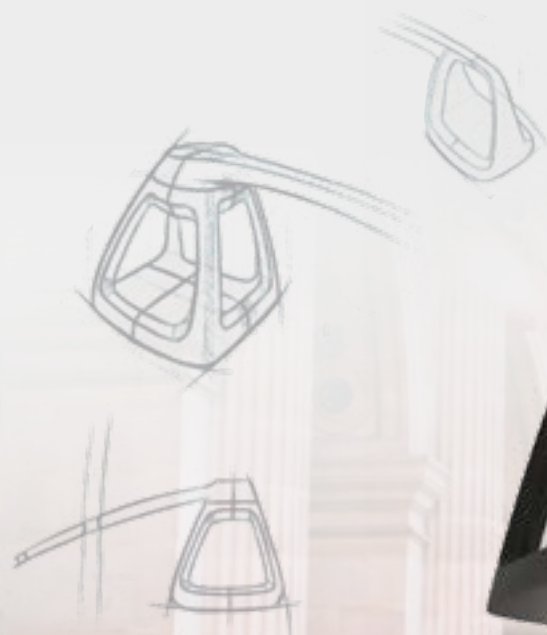
SPECIFICATIONS

Materials	Aluminium casting
LED modules	Interchangeable Modules - IP67 and IK09
Mounting Arm	Bolt-on mounting arm: Available in a single or twin version
Lighting efficiency	> 190 lm/W
Color temperature	3000K- 4000K
Uplight	0%
Optics	Type II



BELLE EPOQUE

Traditional
With a Modern Twist



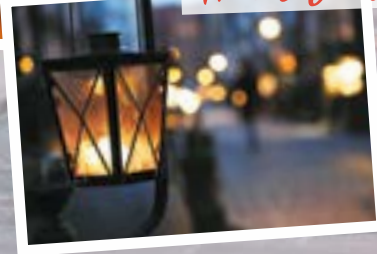
Elegance



Suspended



Tradition



BELLE EPOQUE

TRADITION & MODERNITY

Inspired by 'traditional' lighting, the BELLE EPOQUE lantern is a nod to days gone by. By turning this lantern upside down, we have brought it up to date, giving it a robust and solid appearance while retaining its refined, distinctive shape.



BELLE EPOQUE is a stylish street light that fits in perfectly with traditional urban and architectural spaces, such as town squares, plazas and roads. The shape of the mounting arm and the way in which the lantern is attached gives the impression that the light is suspended in mid-air, which lightens the overall structure.

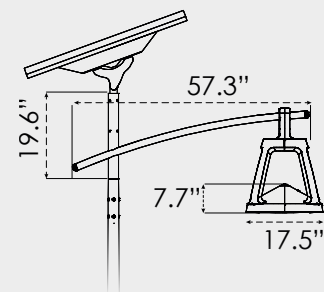
/// **A collection of 4 color combinations**
specially designed by urban color designers. Ask for our exclusive color chart.



/// **Applications:**
roads, town squares, parks and trails, etc.

SPECIFICATIONS

Materials	Aluminium casting
LED modules	Interchangeable Modules - IP67 and IK09
Type of mounting arm	Oblong slip fit mounting arm: Available in a single or twin version
Lighting efficiency	> 190 lm/W
Color temperature	2700K- 3000K- 4000K
Uplight	0%
Customization	Colors (see color chart)
Equipment	Bird guard included
Optics	Type II - Type III - Type IV - Type CW



OPERA

Enhance Your Lighting
With Decorative Features

FONROCHE
lighting

Ornate



Customized



OPERA

ORNAMENTATION & CUSTOMIZATION

OPERA brings a modern twist to traditional lighting features such as decorative ornamentation and arches.



Ornate and customizable, OPERA can be easily adapted to suit the specific character of each location. The low position of the LED modules ensures optimized, high-performance lighting. Ideal for urban environments, the OPERA lantern will:

- give residential areas more personality
- add a touch of modernity to urban streets
- enhance parking lots

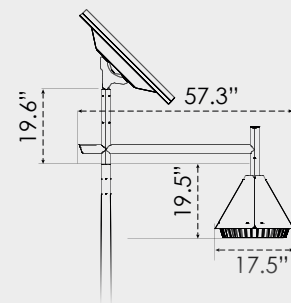
/// **A collection of 6 color combinations**
specially designed by urban designers. Ask for our exclusive color chart.




/// Applications:
trails, roads, parking lots, parks and walkways, etc.

SPECIFICATIONS

Materials	Aluminium casting with decorative sheet metal
LED modules	Interchangeable Modules - IP67 and IK09
Type of mounting arm	Suspension-effect slip fit mounting arm: Available in a single or twin version
Lighting efficiency	> 190 lm/W
Color temperature	2700K- 3000K- 4000K
Uplight	0%
Customization	Colors (see color chart)
Optics	Type II - Type III - Type IV - Type CW



ESSENTIAL

 **A Streamlined
and Timeless Aesthetic**



adaptive

neutral

minimalist

ESSENTIAL

MULTI-FUNCTIONAL

With its timeless design, the ESSENTIAL luminaire can be adapted to suit any project and any setting. This highly functional luminaire with its sleek, slender lines is designed to blend in with any environment.



Applications:
roads, parking lots, housing developments, etc.

SPECIFICATIONS

Materials	Galvanized steel- aluminium casting
LED modules	Interchangable Modules - IP67 and IK09
Type of mounting arm	Galvanized steel slip fit mounting arm- Available in a single or twin version and with backlights
Lighting efficiency	> 190 lm/W
Color temperature	2000K- 2200K- 2700K- 3000K- 4000K
Uplight	0%
Customization	Colors
Optics	Type II - Type III - Type IV - Type CW



nowatt

architectural **solar** lighting

ENTIRELY DEDICATED TO **MARKING, DECORATIVE LIGHTING, AND ARCHITECTURAL ENHANCEMENT.**

Founded in 2014, Nowatt operates at the crossroads of solar innovation and architectural design, crafting 100% solar-powered products that meet the aesthetic and environmental demands of our era.

Acquired in 2023 by Fonroche Lighting—the global leader in solar lighting—Nowatt now benefits from extensive technical expertise and industrial know-how, enabling it to broaden its range and ambitions.

OKO BOLLARD

Refined wooden design inspired by nature

OKO bollards embody the perfect balance between sleek aesthetics, high-performance, and environmental responsibility. Designed for soft, long-lasting lighting, they feature a solid IROKO wood body sourced from sustainably managed forests, naturally rot-resistant and highly durable in outdoor conditions. With discreet solar panels and efficient LED optics, they allow inter-distances of up to 15 meters. Perfectly suited to parks, pathways, and recreational areas, OKO bollards blends into the landscape while meeting public lighting and accessibility standards.



BRUT BOLLARD

Elemental and robust

With its decarbonized concrete body, the BRUT bollard blends naturally into urban environments. Its dual function of lighting and beaconing makes it ideal for soft mobility areas and public spaces. Available in a range of sizes, textures and finishes, it combines performance, durability and aesthetic versatility.



FOLLOW BOLLARD

Elegance and performance

Designed as a true lighting feature, the Follow bollard showcases a style that is both understated and contemporary. Its vertical silhouette and geometric lines allow it to integrate seamlessly into a wide range of environments with elegance. Available in a selection of subtle, architecture-inspired tones, it combines visual finesse with technical performance for autonomous, long-lasting lighting.



CRYSTAL STUD

||| **simple, elegant and durable**

Thanks to its autonomous operation, the Crystal solar stud is the ideal solution for luminous marking and guidance across various applications, such as path marking and enhancing heritage or architectural sites. The glass body elegantly diffuses light while ensuring excellent solar energy capture. With up to 480 hours of autonomy, the Crystal stud delivers reliable lighting throughout the year, even during winter. The Nowatt app provides extensive customization options, allowing users to create 100% tailor-made scenarios with dynamic light animations and a palette of up to one million colors.



WHY CHOOSE FONROCHE LIGHTING AMERICA ?

The Most Experienced Solar Lighting Partner in the USA



1
**For the reliability
and robustness
of our products,**
iconic projects worldwide
and across the US

2
**For our unique
expertise**
design, innovation,
manufacturing, logistics,
training, and more

3
**Because we are
the only ones,**
to guarantee you
**365 nights
of lighting per year**

WORLD LEADER

Almost
20 years of
experience

**FONROCHE
illuminates
+ 8000 cities
worldwide**

Our Projects Across the USA



Who Are We?

Fonroche Lighting America is headquartered in Fort Worth, TX and operates regional service centers in Los Angeles, Boise, Boston, Orlando, Atlanta, Dallas and Phoenix. The manufacturing and distribution facility in Fort Worth is a 50,000 square foot facility with high bays, loading docks and outdoor storage. The capacity of this facility is 1000 solar lighting systems per week.



Our global HQ is based in Southwest France and there we design and develop the technology behind our autonomous solar-powered streetlights to illuminate all types of infrastructure.

300
EMPLOYEES

\$100 M
SALES
IN 2024

SOLAR LIGHTING EVERYWHERE AND FOR EVERYONE



DALLAS - TX - Basketball Court



STOCKTON - CA - Highway



BAKERSFIELD - CA - W.R.D. Landscape

MORE INFORMATION AT
www.FonrocheSolarLighting.com

Phone: 339-225-4530

Sales@Fonroche.us

FONROCHE LIGHTING AMERICA

2224 SE Loop, Bldg C | Fort Worth, TX 76140

