



nowatt

PRODUCT CATALOG

SOLAR LIGHTING SOLUTIONS



RETHINKING LIGHT, **UNLOCKING SPACES**

Nowatt came about through a conviction: lighting can form a bridge between material and use. More than just a technology, it's a new way of lighting, autonomous and environmentally responsible.

**LIGHT SOURCED FROM THE
SUN, NO HOOK-UP, NO BILLS,
FREE OF ALL CONSTRAINTS.**

Designed to match the special features of each location, Nowatt solutions offer modular lighting options.

They combine technical performance and richness of finish to provide lighting for quiet pathways, landscaped areas and urban spaces.

Today, solar lighting has become an **obvious** solution. It meets the constraints of our times, both technical and environmental. It's reliable, easy to set up and can be adapted to local conditions while respecting the surroundings.

IT'S MORE THAN AN ALTERNATIVE: IT'S A NEW WAY OF LIGHTING, MORE FLEXIBLE AND MORE RESPONSIBLE.

FREEDOM OF SPIRIT

Proven technology, rigorous dimensioning and smart energy management ensure solar lighting year-round autonomy under the most demanding conditions.

FREEDOM OF INSTALLATION

Needing no cables or trenches, solar lighting can be installed just where you want, when you want: in town centers, nature areas, or preservation sites. Freed from electrical networks, lighting performs its essential function: accompanying users and illuminating the surroundings.



LIGHTING FREEDOM, WITHOUT CONSTRAINTS



Designed to guide users and light the way, our units provide consistent, controlled illumination. They define paths, highlight features, and offer visible markers.

Discreet yet essential, this lighting adapts to evolving outdoor spaces. Thanks to their unique photometric performance, Nowatt products span wide distances while maintaining visual comfort and uniformity.

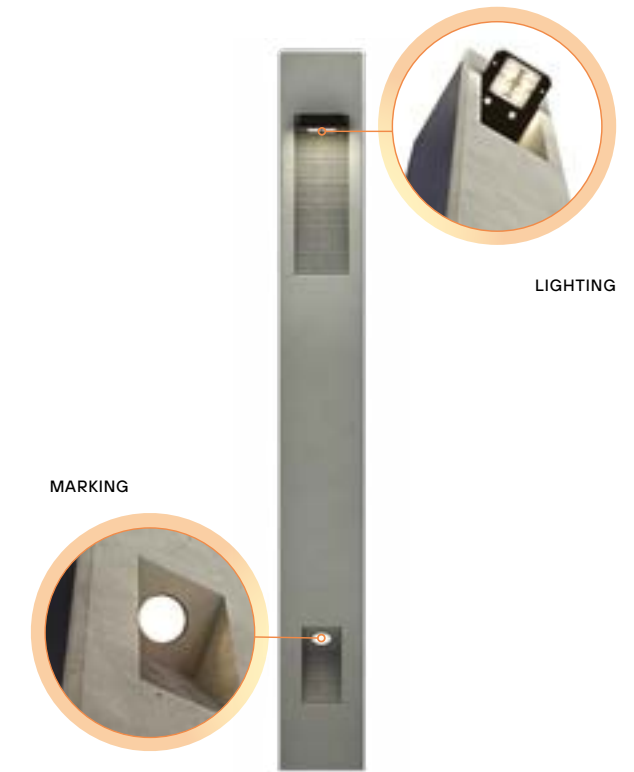
Lighting becomes a language—enhancing architecture and landscape. Solar studs and bollards deliver soft, targeted light that improves safety while minimizing light pollution.



SPECIALLY

DESIGNED FOR:

- + **SUSTAINABLE MOBILITY**
(Multiuse Paths, trails, and bikeways)
- + **LANDSCAPED AREAS** (Parks, marinas, campgrounds, housing developments)
- + **URBAN AREAS**
(Plazas, esplanades, greenways and parking lots)



DUAL FUNCTION

Far from being just secondary lighting, the use of marking is an intelligent approach to lighting.

With tunable colors, they can be a useful as wayfinding devices, hazard warnings, or as accents to celebrate holidays or team spirit.



+ 3 BOLLARDS,
3 AESTHETIC DESIGNS,
3 UNIQUE WAYS OF
REVEALING SPACE
WITH LIGHT.

OKO, BRUT and **FOLLOW:** each has its own authentic character. Each exploits a different relationship between material, light and use. They light up materials to create a sensory, sustainable signature, highlighting the most demanding development projects and combining aesthetics, durability and contextual integration.

+ OKO BOLLARD

—
**THE PERFECT MARRIAGE
OF SOLAR LIGHTING
AND WOOD**

With its warm, discrete presence, **OKO** fits naturally into sensitive environments whether natural or man-made. Made in strong and durable iroko wood, its varied textures and contrasts capture daylight and diffuse a soft glow at night.

Its lively aesthetic design adapts to the seasons and to applications without affecting the harmony of the landscape. **OKO** is an organic bollard for pathways, bringing out the richness of sites.



AN ELEGANT, NATURE-INSPIRED

DESIGN IN WOOD

Iroko wood was chosen for its natural strength and refined aesthetics making the **OKO** bollard a sustainable choice. It's a tropical wood from sustainably managed forests, ideal for use outdoors.

Its organic texture evolves with time in harmony with the surrounding natural colours and revealing the richness of the wood. With its quiet, sensitive presence it fits into the environment, without ever disturbing the equilibrium.

Iroko, an oxalogenic tree, has its place in a virtuous environmental cycle; physically strong, it's an ecologically responsible choice.



**MORE THAN BEING JUST A MATERIAL,
IT SPEAKS A SOBER LANGUAGE,
ANCHORING IT WITHIN BOTH TIME AND
SPACE.**





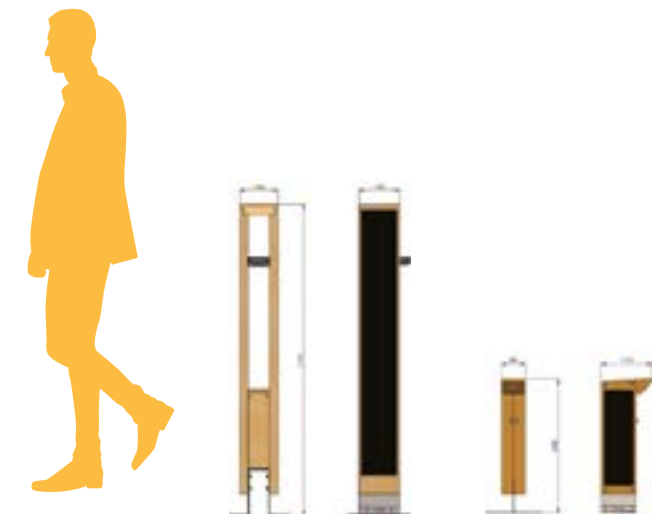
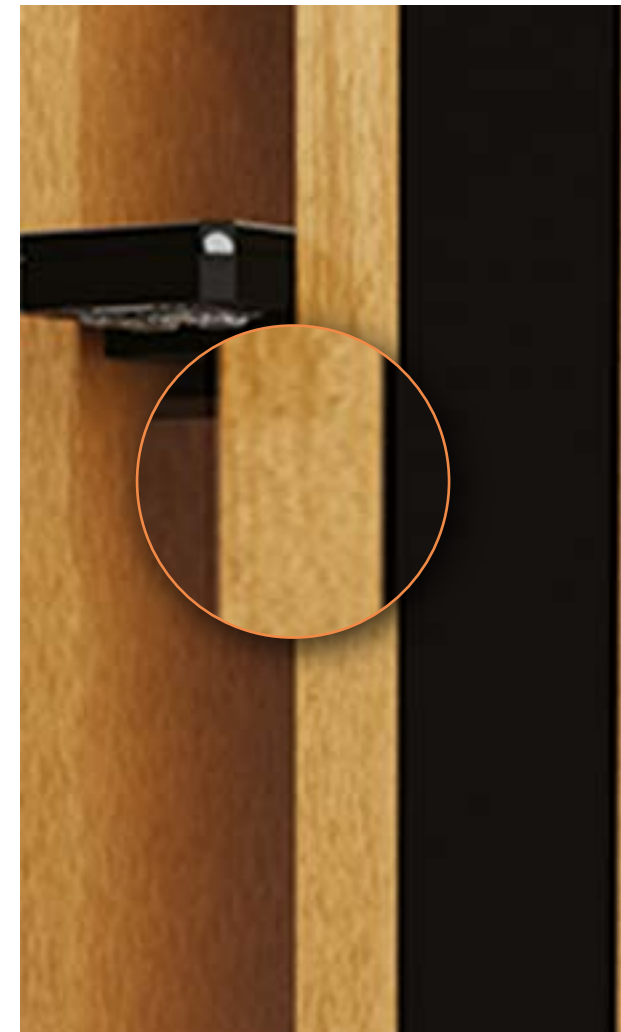
CHARACTERISTICS

- + **SOLID FSC CERTIFIED IROKO FRAME**
- + **HEIGHTS 43 IN. AND 14 IN.**
- + **HIGH EFFICIENCY SOLAR CELLS**
- + **MOTION SENSOR**
- + **BLUETOOTH CONNECTIVITY**
 - Remote programming and control via the Nowatt Application
 - Scenario personalization for both lighting and beacons
- + **OPTICAL UNIT IN BLACK ANODIZED MACHINED ALUMINIUM**
- + **EASY TO INSTALL**
- + **NO CABLES, NO ELECTRICAL CONNECTIONS**



AUTONOMY
365
NIGHTS/YEAR
WARRANTY

5
YEARS
WARRANTY



+ **BRUT** BOLLARD

—
**CONCRETE IMPOSES ITS STRENGTH,
ELEGANCE DRAWS ITS SHAPE**

Made in fiber concrete, **BRUT** is intended for urban developments, public spaces, and harsh environments. Its formal look and natural finish reflect functional aesthetics, designed to stand up to abuse over time.

It's not only a decorative feature, it's also a statement of durability and resilience. Its functionality and material fulfill a sustainable approach without pretension. **BRUT** is a timeless bollard, minimalist in shape, functional in performance..





**WITHOUT PRETENDING TO BE ANYTHING
BUT WHAT IT IS, CONCRETE MAKES ITS
PRESENCE FELT.**

CONCRETE, ESSENTIAL ARCHITECTURAL MATERIAL

It looks the part, never deforming or going out of fashion over the years. Made in UHCP (ultra high performance fibre concrete), BRUT gets its strength from an architectural formulation designed to last.

In UHCP, synthetic fibres and selected granular matter are combined into a fine, compact matrix offering exceptional resistance to shocks, weather

, and wear. Designed with a circular economy and eco-efficient production approach. Our concrete has a reduced environmental impact with guaranteed durability and performance. Notably, it includes the use of recycled aggregates sourced from locally reclaimed construction waste, a low water and energy consumption process, and reduced material volume. And the bollard lighter, minimizing the carbon footprint because of easier transport.





CHARACTERISTICS

+ MADE IN UHCP (ULTRA HIGH PERFORMANCE FIBRE CONCRETE)

- Ultra-high mechanical strength
- Low porosity and high density
- High weather-resistance
- Sustainably produced with recycled granular material
- Natural Finish

+ HEIGHT 43 IN

+ HIGH EFFICIENCY SOLAR CELLS

+ MOTION SENSOR

+ BLUETOOTH CONNECTIVITY

- Remote programming and control via the application Nowatt
- Lighting scenario personalization

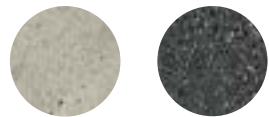
+ DUAL FUNCTION: LIGHTING AND PATH MARKING

- RGB path marking

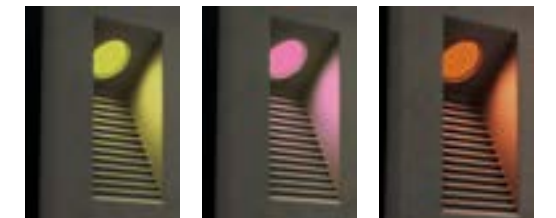
+ EASY TO INSTALL

+ NO CABLES, NO ELECTRICAL CONNECTIONS

COLORS



Sandstorm Starry grey



+ FOLLOW BOLLARD

—
GRAPHIC LINES,
CONTEMPORARY MATERIAL

Slim and graphic, **FOLLOW** structures space with clarity. Its name reflects its purpose: show the way, provide clear markers, and define the way a place is used. With its aluminium design it stands discretely to show the way, mark pathways, and encourage soft mobility.

Its elegant, geometric design fits seamlessly into a variety of settings—public footpaths, plazas, parks, and gardens.

FOLLOW is available in a range of heights and colors, making it adaptable to any architectural setting. It combines wayfinding and lighting as needed, delivering both distinctive performance and dependable reliability.





**THIS INFINITELY RECYCLABLE
METAL COMBINES MANUFACTURING
FINESSE AND DURABILITY.**

ALUMINIUM, DURABLE ELEGANCE AND PRECISION

Aluminium is at the heart of the **FOLLOW** identity: it structures its form and emphasises its lines. It's a strong, lightweight material that resists corrosion and deformation—even in extreme climates.

The clean, textured matte finish catches the

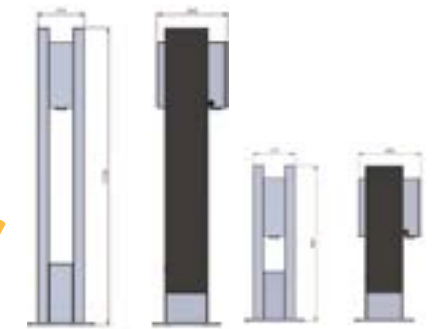
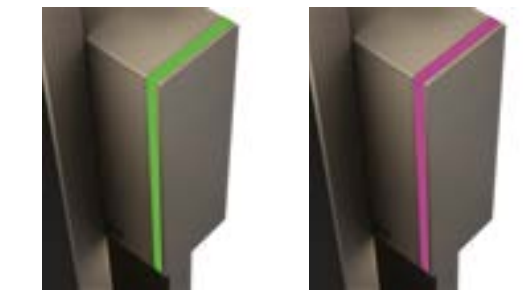
natural light and emphasizes **FOLLOW's** design features. The **FOLLOW** bollard is available in a range of unique, identity-defining colors specially designed by urban color experts. Each shade is the fruit of a painstaking study of the architectural materials, landscape, and of the color's ability to dialogue with the light.





CHARACTERISTICS

- + **ALUMINIUM FRAME**
- + **THERMOLACQUERED POLYESTER PAINT FINISH**
- + **HEIGHTS 25.5 IN. AND 43 IN.**
- + **HIGH EFFICIENCY SOLAR CELLS**
- + **DUAL FUNCTION: LIGHTING ET PATH MARKING**
 - RGB Light strip for visual guidance
- + **MOTION SENSOR**
- + **BLUETOOTH CONNECTIVITY**
 - Remote programming and control via the Nowatt application.
 - Lighting scenario personalization
- + **STAINLESS STEEL BASE PLATE**
- + **EASY TO INSTALL**
- + **NO CABLES, NO ELECTRICAL CONNECTIONS**





MOONLIGHT HORIZON, PAULINE DAVID



CREATE LIGHT WITH PERFECT **SIMPLICITY**

Signature illumination creates a **unique ambiance**. It shapes the atmosphere of a place, revealing its character. With a discrete glow or patterned line, Nowatt solar studs enhance architecture, mark out soft mobility routes, and reveal the unique character of public spaces, conferring style and affirming a unique identity.

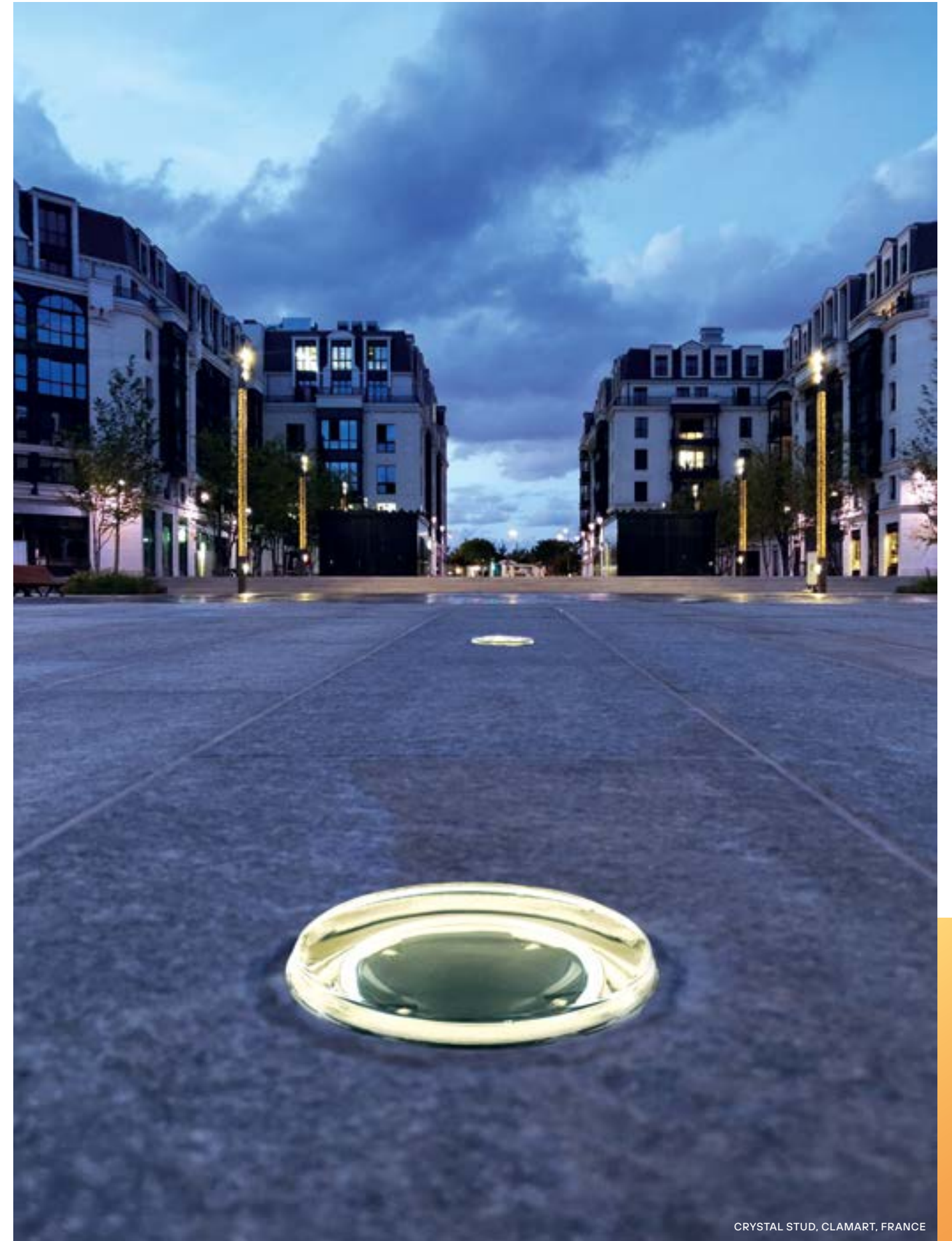


CRYSTAL STUD

—
**SIMPLE, ELEGANT
AND DESIGNED TO LAST**

With Crystal, light is composed. Conceived as a tool for urban scenography, this luminous stud enables controlled lighting, where intensity and rhythm can be adjusted to suit each environment. Far beyond its utilitarian role, it becomes part of the architectural language, responding to each space and enhancing its character.

With infinitely customizable effects and colors, it adapts to the identity of the site, emphasizing lines and revealing volumes. It will fit wherever you imagine, turns on when you decide, and forms luminous scenarios to match your projects.



CRYSTAL STUD, CLAMART, FRANCE



WITH AN AUTONOMOUS SOLAR ENERGY SOURCE, THE GLASS STUD COMBINES DURABILITY, ENERGY EFFICIENCY AND FUNCTIONALITY.

STRENGTH, LIGHT AND ENVIRONMENTAL PERFORMANCE

The glass used for our solar stud combines visual discreteness and material elegance. Transparent or frosted, the Crystal stud integrates into hardscapes or greenscapes, without disturbing the architectural nature of the site.

The glass, with a strong durable surface, captures and diffuses light. This noble material is not simply aesthetic: it's designed to withstand loads, shocks and weather.





CHARACTERISTICS

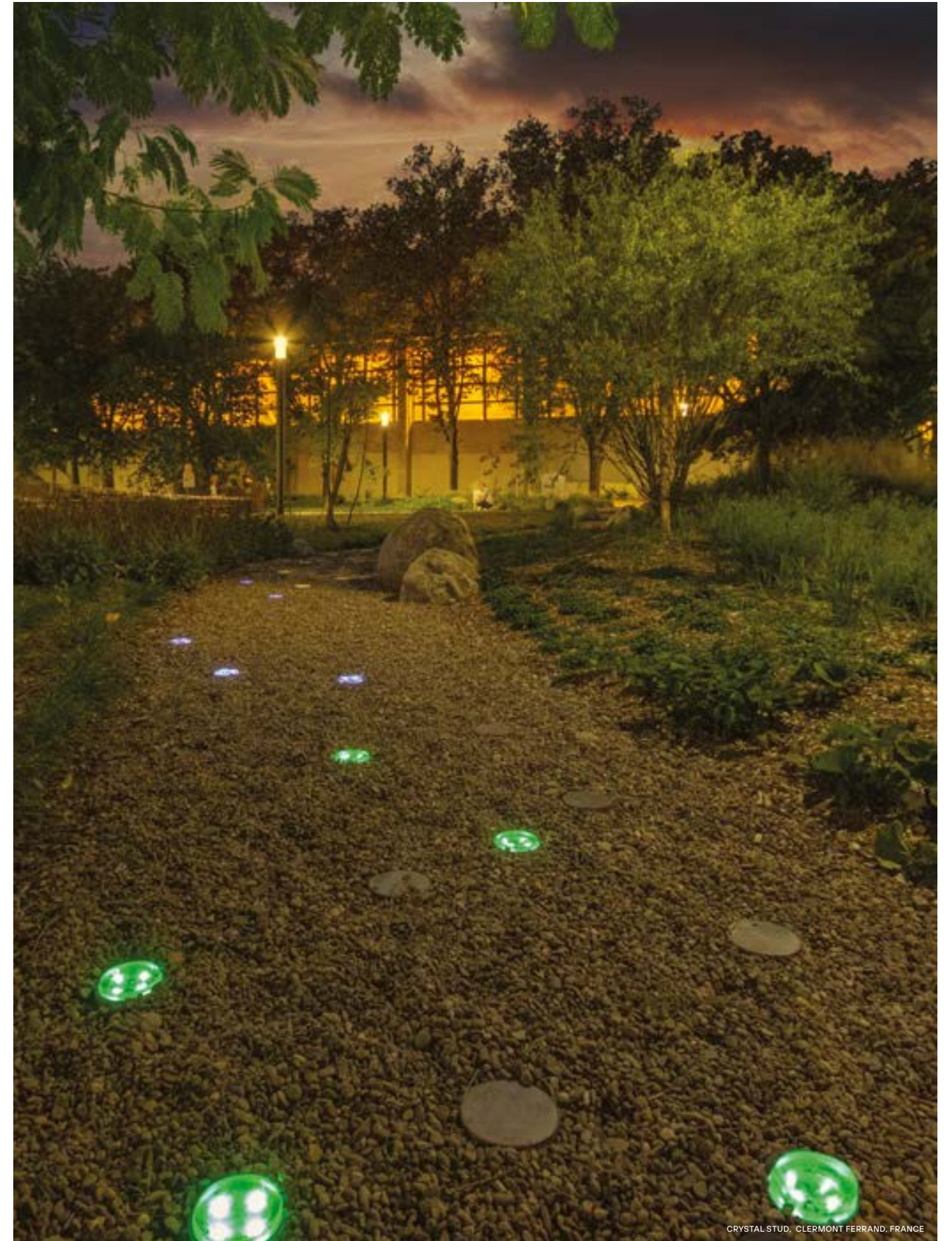
- + **MATERIALS: .9 IN. GLASS AND ALUMINIUM STRUCTURE**
- + **HIGH PERFORMANCE BATTERY**
- + **MULTIPLE CHOICES OF CUSTOMIZABLE SCENARIOS**
- + **BIODIVERSITY-FRIENDLY LIGHTING, DARKSKY CERTIFIED**
- + **OPTION: CUSTOMIZABLE WITH FROSTED GLASS**
- + **BLUETOOTH CONNECTIVITY**
 - Remote programming and control via the Nowatt application.
 - Lighting scenario personalization
- + **EASY TO INSTALL ON ALL TYPES OF SURFACES (SIMPLE CORE DRILL FOLLOWED BY SEALING)**
- + **NO CABLES, NO ELECTRICAL CONNECTIONS**



AUTONOMY
365
NIGHTS/YEAR
WARRANTY

5
YEARS
WARRANTY

PATH MARKING
RGBW



CRYSTAL STUD, CLERMONT FERRAND, FRANCE



DESIGNED BY LIGHTING ENGINEERS WITH EXPERTISE IN SOLAR ENERGY, NOWATT LIGHTING UNITS DELIVER A COMBINATION OF PERFORMANCE AND COMPETITIVENESS THAT IS UNIQUE IN THE MARKET.

Fonroche Lighting's bollards and studs embody the company's expertise, featuring solar technology specifically engineered to meet the requirements of any project. Thanks to high-definition optics, cutting-edge photovoltaic cells, and a powerful smart storage system, our lighting units achieve a level of luminous performance previously unmatched in architectural landscape lighting.

AUTONOMY
365
NIGHTS/YEAR
WARRANTY

365 NIGHTS OF LIGHTING GUARANTEED

The real know-how of Fonroche Lighting lies in the management of solar energy storage. **At the heart of the system: the battery**, a key component that makes all the difference.

5
YEARS
WARRANTY

Specially developed by our teams, this exclusive technology allows us to guarantee our solutions for 5 years and ensure continuing peace of mind for our customers.



A **FONROCHE LIGHTING** PRODUCT RANGE





THE ENVIRONMENTAL ADVANTAGES

MORE ACCURATE, GREENER LIGHTING

At Nowatt, each solar lighting solution is designed to respect natural equilibria, limit its environmental impact, and support local authorities in a concrete environmental transition.

A LIGHT THAT EMITS HALF THE CO2 OF GRID-TIED LIGHTING

Certified by Bureau Veritas, analysis of the life cycle of our products has shown that our solar technology emits half the CO2 of a utility powered solution. This LCA approach was carried out to standards ISO 14040 and ISO 14044.



PRESERVING THE NIGHT TIME ENVIRONMENT AND BIODIVERSITY

Nowatt is committed to responsible lighting. Our Crystal solar studs, are DarkSky certified to preserve night skies.

Our products use:

- + Lenses to channel the flow of light and limit loss
- + Warmer color temperatures to protect biodiversity
- + Low positioning of beacons or lighting to prevent light pollution
- + Dimming or extinction systems, according to time slots or motion activation.

RECYCLABILITY AND LIFE TIME

At Nowatt, we are particularly attentive to the lifetimes of our products. **All our products are eco-designed to favor recycling.** We are members of several eco-organizations such as Ecosystème, SOREN and SNAM Group to ensure that our components such as batteries, solar panels and electronic components are recycled.





nowatt APPLICATION:

PRECISION CONTROL OF LIGHT

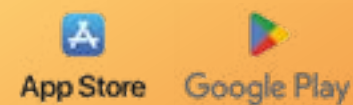
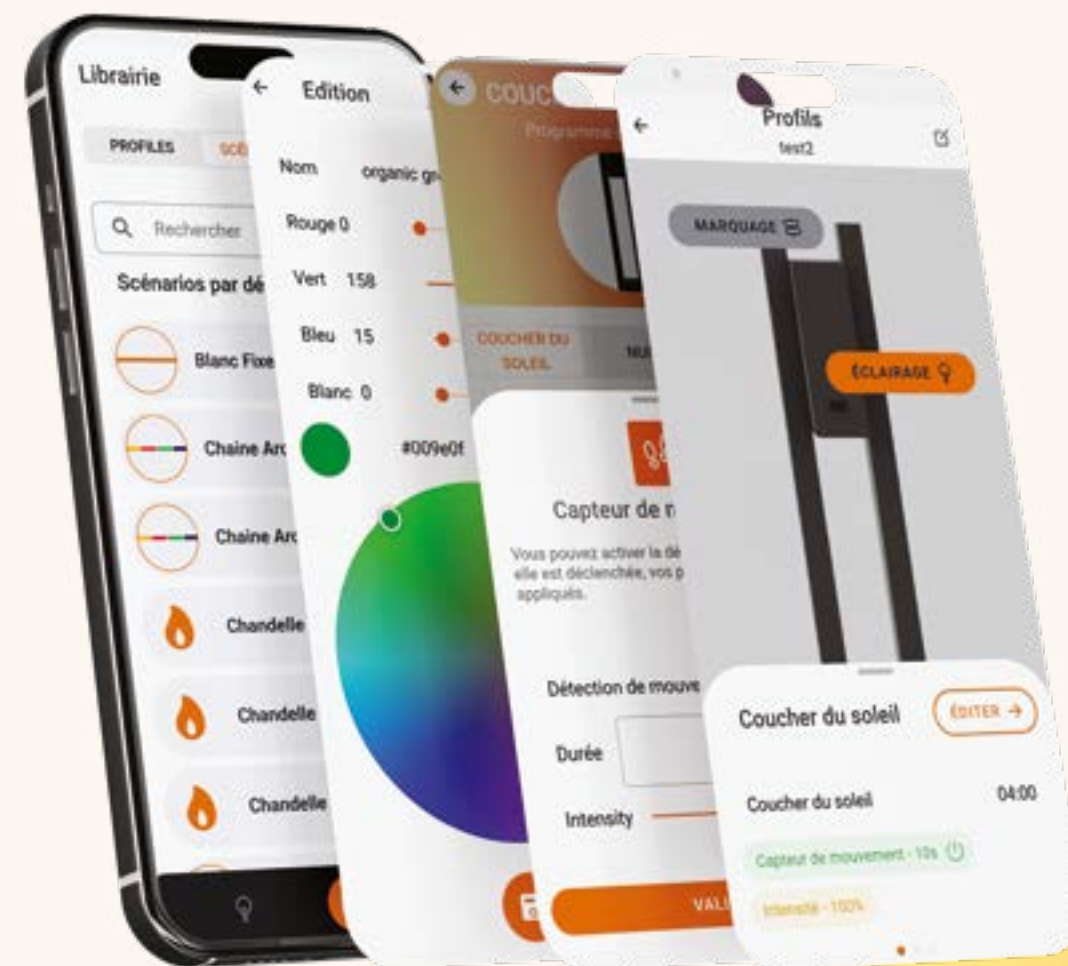
Conceived as a **real extension of the lighting project**, the Nowatt application enables remote programming directly via Bluetooth. It is free to download on Google Play and the App Store and offers designers **total freedom in composing lighting scenarios** at every stage of the project.

Each product can be given individual settings to define a lighting profile to match the architectural intention: brightness, time slots, lighting scenarios...the many possibilities serving the site and its purpose.

WITH ITS PARED DOWN AND FUNCTIONAL INTERFACE, THE BRIGHTNESS, RHYTHMS AND WHOLLY CUSTOMIZABLE COLORS CAN BE PROGRAMMED.



Nowatt Lighting
Solar Lighting





+ WHO ARE WE?

Founded in 2014, Nowatt designs, develops and manufactures 100% solar lighting solutions dedicated to path marking, lighting signatures and architectural lighting. Purchased in 2023 by Fonroche Lighting, Nowatt benefits from the expertise and technical know-how of the world leader in solar lighting. With thousands of solar lighting solutions in use across the globe, Fonroche Lighting is revolutionizing the public lighting market.

LA STREET: THE FIRST WORLD CENTRE DEDICATED TO SOLAR LIGHTING

Inaugurated in July 2023, **La Street, the head office of Fonroche Lighting**, reflects our business of lighting streets and roads throughout the world. More than an

office, it brings together all our solar lighting expertise: R&D, technical design, tests and validation, production, connectivity and training. La Street is the first world center dedicated exclusively to this technology and is a place of innovation for all lighting professionals, from customers to elected local representatives.

OUR EXPERTISE

At Fonroche Lighting, innovation is at the heart of every project. Our R&D department, with 50 specialized engineers, designs tomorrow's smart and powerful lighting systems.

Fonroche Tower, our data hub, remotely supervises 50 countries with a dedicated team who analyse up to 7 million daily data points per day to control solar lighting banks in real time.

And finally, our **Power Room** is the largest lighting battery testing center in the world. With 12 climate enclosures, it simulates every extreme environment to guarantee the reliability and resistance of our solutions, with tests adapted to each project.



nowatt

A RANGE ENTIRELY DEDICATED TO
THE MARKING AND LIGHTING OF SOFT
MOBILITY PATHS, LANDSCAPED AREAS,
AND URBAN SPACES.

With thousands of solar lighting solutions deployed worldwide, **Fonroche Lighting is revolutionizing the solar lighting market.**

Designed to adapt to every context, our solutions combine **performance, autonomy, and architectural integration.**


From functional lighting to distinctive light signatures, our expertise supports all types of projects, anywhere in the world.

Discover the full Nowatt range and other Fonroche Lighting collections on our website.

www.FonrocheSolarLighting.com



CONTACT

 339-225-4530

 sales@fonroche.us

