

NOWATT
BY FONROCHE lighting

WOOD

SOLAR BOLLARDS



The logo for NOWATT, featuring the word "NOWATT" in a bold, sans-serif font. The letter "O" is orange, while the other letters are white. A horizontal orange line is positioned below the "O".

NOWATT

BY FONROCHE lighting

OKO SOLAR BOLLARDS

The Oko solar bollards from the Nowatt range combine modern design, advanced technology, and environmental sustainability to deliver gentle and durable lighting solutions. Made from IROKO wood sourced from sustainable forests, they are rot-resistant and weatherproof. Equipped with integrated solar panels and high-performance LED optics, they adapt seamlessly to various environments such as bike paths, parks, gardens, public squares, and pedestrian pathways, while ensuring optimal performance.



OKO SOLAR BOLLARDS

THE PERFECT BLEND OF SOLAR LIGHT AND WOOD

Unique in design, the Oko bollards are specifically crafted to meet the environmental needs of cities and businesses seeking sustainable and eco-friendly lighting solutions. Powered entirely by renewable energy, they offer high-quality, reliable lighting for a wide range of applications.

Being 100% solar-powered and autonomous, the bollards are easy to install and blend harmoniously into any landscape.

The Oko bollards are made of Iroko wood, a material sourced from sustainable forests. Iroko is an exotic wood that requires no preservation treatment and is renowned for its resistance to rot and durability in various weather conditions, making it an ideal choice for outdoor installations.



SOLAR AND AESTHETIC

Designed to blend seamlessly into any landscape, providing both functionality and visual harmony.



EASY AND QUICK INSTALLATION

No cables, no trenching, no electrical cabinets required.



ECOLOGICAL AND DURABLE

Crafted from robust, long-lasting materials and powered by renewable energy.



CUSTOMIZABLE LIGHTING

Programmable and controllable with the Nowatt app.



OKO BOLLARDS

OKO 36 AND 70



- L2 90° Optic
- High-efficiency solar cells (24%)
- Motion sensor
- Iroko wood **frame**
- 316L stainless steel **plate**
- Available heights: 36 cm and 70 cm



OKO 110 ET 130

- Unique L8 Optic
- High-efficiency solar cells (24%)
- Motion sensor
- Iroko wood **frame**
- 316L stainless steel **plate**
- Available heights: 110 cm and 130 cm





OKO 110 BOLLARD
in Saint-Paul Mont Pénit, France
Lighting design: SYDEV





OKO 130 BOLLARD
in La Genetouze, France



A photograph of a wooden deck with a gravel border and a recessed lighting fixture. The deck is made of vertical wooden planks. A gravel border runs along the top edge, containing several large, light-colored rocks. A recessed lighting fixture is installed in the deck, casting a warm glow. The text "FOR HIGH-PERFORMANCE LIGHTING" is overlaid on the left side of the image.

FOR
HIGH-
PERFORMANCE
LIGHTING

UNIQUE L8 OPTIC

FOR OPTIMIZED SPACING

Designed by solar lighting experts, Oko bollards feature high-performance optics that comply with current public lighting standards. Their integrated LED optics enable optimized spacing of up to 15 meters, making them suitable for various applications. The bollards are also compliant with accessibility standards (PMR).

Optic Block	Black-anodized machined aluminum.
LED Optic	Unique L8 - Optimized spacing.
LED Temperature	2200 K - 2700 K - 3000 K.
Motion Sensor	Included.



AESTHETIC, DURABLE, AND ECO-FRIENDLY LIGHTING

Its high-performance optics ensure exceptional lighting quality, while respecting the environment and preserving biodiversity.



OKO 110 BOLLARD
in Saint-Paul Mont Penit, France.
Lighting Design : SYDEV



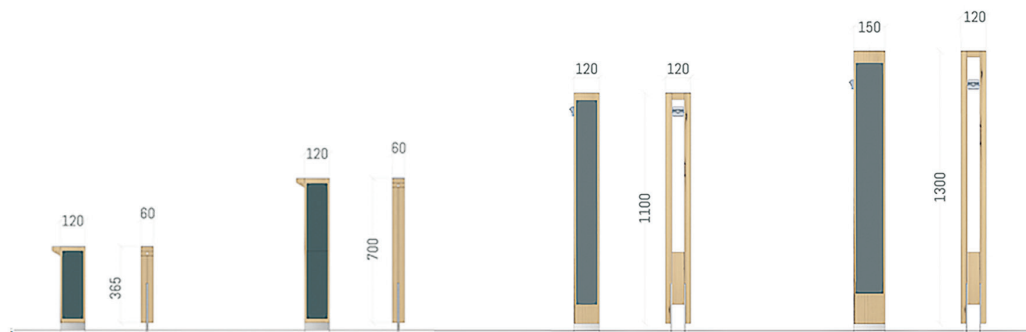
OKO 110 BOLLARD
GOZOKI Industrial Site, in Agen, France.



OKO 36 BOLLARD
in Marseille, France.
Lighting Design : Scène Publique.

TECHNICAL SPECIFICATIONS

OKO SOLAR BOLLARDS,
DESIGNED FOR SOLAR LIGHTING AND MARKING



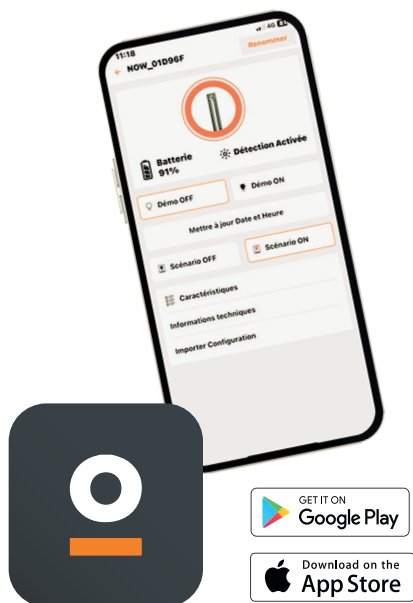
OKO SOLAR BOLLARDS

Feature	OKO 36	OKO 70	OKO 110	OKO 130
Product Reference	BM36NB30	BM70NB30	BB110NB30	BB130NB30
Power	Up to 1.5W	Up to 2W	Up to 3W	Up to 5W
LED Optic	L2 - 90°	L2 - 90°	L8 Elliptical - 150/23°	L8 Elliptical - 150/23°
LED Temperature	2200 K - 2700 K - 3000 K	2200 K - 2700 K - 3000 K	2200 K - 2700 K - 3000 K	2200 K - 2700 K - 3000 K
Motion Sensor	Included	Included	Included	Included
Optical Protection	IP67	IP67	IP67	IP67
Shock Resistance	IK10	IK10	IK10	IK10
Certification	CE	CE	CE	CE
Structure	Iroko wood frame - Class IV FSC. Stainless steel baseplate - 316L.	Iroko wood frame - Class IV FSC. Stainless steel baseplate - 316L.	Iroko wood frame - Class IV FSC. Stainless steel baseplate - 316L.	Iroko wood frame - Class IV FSC. Stainless steel baseplate - 316L.



CONTROL YOUR BOLLARD WITH ONE TAP

WITH THE **NOWATT** APP



The Nowatt app lets you remotely customize lighting scenarios for your Oko solar bollards.

THREE **CUSTOMIZABLE** LIGHTING SCENARIOS

Scenario 1:

Provides lighting for 6 hours after sunset.

Scenario 2:

Provides lighting for 4 hours after sunset, then for 2 hours before sunrise.

Scenario 3:

Provides lighting from sunset to sunrise with motion detection (turns off after 2 minutes of no detected movement).



OKO 110 BOLLARD
in Les Pennes Mirabeau, France

DISCOVER NOWATT



Founded in 2014, Nowatt stands at the crossroads of solar and architectural lighting.

Offering a range of solar lighting, marking, and decorative lighting solutions, Nowatt's product line includes ground markers, bollards, and columns made from raw materials.

Nowatt designs and manufactures 100% solar-powered products that address today's aesthetic and environmental challenges.

Acquired in 2023 by Fonroche Lighting, the world leader in solar lighting, Nowatt now benefits from the expertise and technical know-how to foster the growth of its product line. With thousands of solar lighting solutions deployed globally, Fonroche Lighting is at the forefront of revolutionizing the solar lighting market.

OUR EXPERTISES:

“La Street” :

THE WORLD'S FIRST CENTER

entirely dedicated to Solar Streetlighting,
Located in Agen, FRANCE.

A Unique Project Approach:

TAILORED TO EACH STORY

We design and customize our products and components by analyzing the irradiance and weather conditions specific to each project.



NOWATT
BY FONROCHE lighting

MORE INFORMATION AT:
www.nowatt-lighting.com



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