

DISTRIBUTORE
ITALIANO

nm | excellence for your business

newmarinas.it di mauro sabellico

via al lago, 3 - 21020 ranco (va) - mob. +39 328 9730961 - msabellico@newmarinas.it - www.newmarinas.it - p.i. 04987310960 - c.d. SUBM70N
c.f. SBLMRA61T14F205W - pec: msabellico@pec.newmarinas.it



Brightening life



SMART & CONNECTED
SOLAR STREETLIGHTS

KEY FACTS

- FOUNDED IN 2011
- HEAD OFFICE IN BLANQUEFORT, NEAR BORDEAUX, FRANCE
- INTEGRATION OF SOL BY SUNNA DESIGN (NORTH AMERICA) SINCE MARCH 2020
- OFFICES IN THREE CONTINENTS
- MORE THAN 100,000 PRODUCTS INSTALLED WORLDWIDE
- 11 INTERNATIONAL AWARDS
- 23 INNOVATIVE PATENTS RELATED TO OUR TECHNOLOGY
- 10 M€ INVESTED IN R&D
- WORKSHOP WITH THE «FACTORY OF THE FUTURE» LABEL WITH A CAPACITY OF 100,000 PRODUCTS PER YEAR

High quality solar street lights smart and reliable

Since 2011, Sunna Design has been committed to establishing its technological leadership in the ever-changing solar street lighting market. Our research efforts, technical expertise and the quality of our services have enabled us to occupy this leadership position today. Sunna Design is the only company on the market to offer a range of robust (withstanding the most extreme temperatures from -40°C up to 70°C), durable (12 years lifetime), fully autonomous solar street lights.

This success has been achieved by more than 100,000 products installed throughout the world, particularly in North America and Africa, where the exceptional resistance of our devices to severe weather conditions has convinced our customers. Today, we impact lives of several million people. We have also forged numerous partnerships with influential local players as well as international companies such as Schneider Electric.

What makes us different? We innovate, constantly offer new solutions and continue to focus on the reliability of our products. We know that our customers are demanding and that reliability is a key factor in achieving our ambitions: to bring light to those who need it without compromising on quality and to imagine the smart, environmentally friendly and connected city of tomorrow.

A MULTI AWARDED COMPANY :

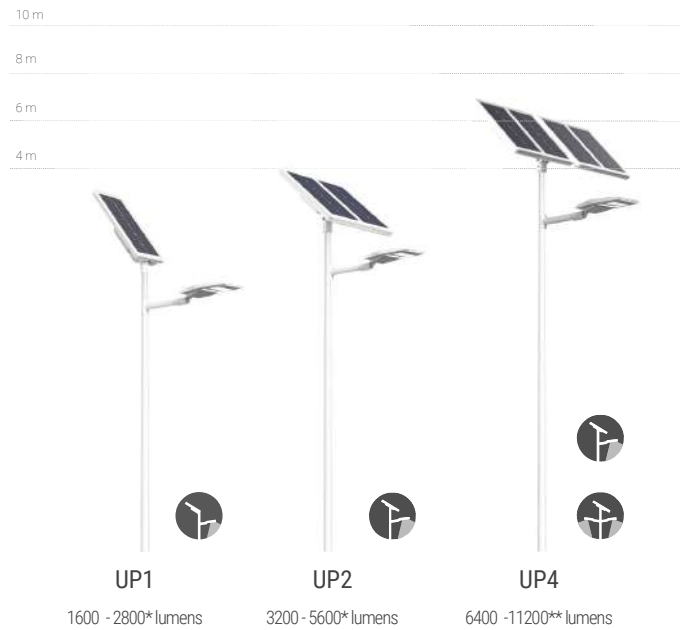


SOLUTIONS



ALL-IN-ONE

Our All-in-one range with its horizontal panels has been specially designed for areas closer to the equator where orienting solar panels is not necessary.



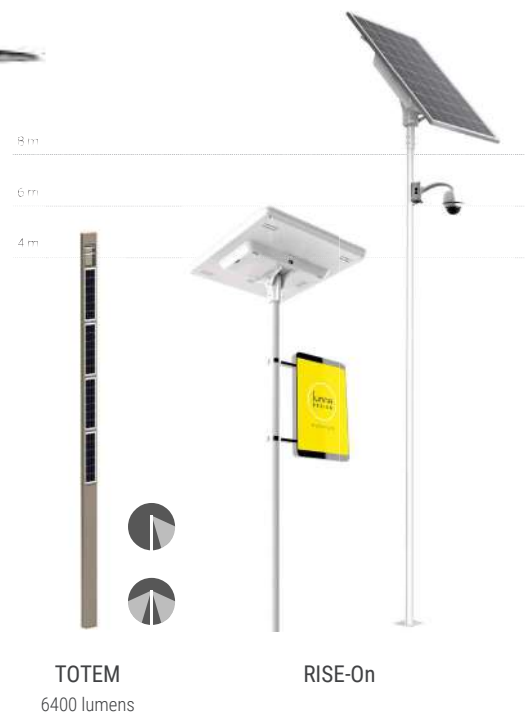
ALL-IN-TWO

Our All-in-two range has been designed for temperate areas where inclination and orientation of solar panels allow to optimize collection of the available solar energy.



EverGen

Our EverGen range has been designed for all regions of the world with a structure that can be configured to optimize the collection of the available solar energy. With a power ranging from 40 to 150W, this range will provide solutions for all your lighting projects: paths, areas, urban roads, speedways and highways.

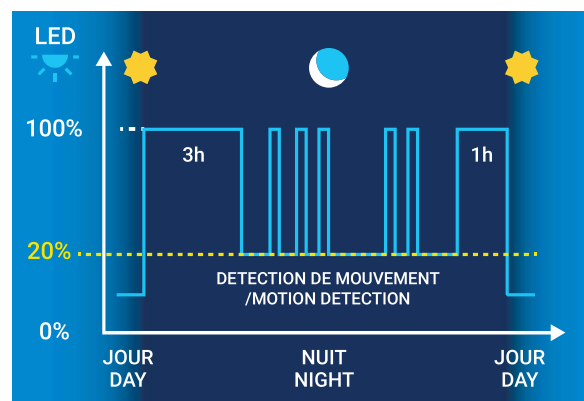


SMART POLES

This line of our range enables us to address projects for which aesthetics is essential (with our TOTEM product); but also those requiring solar power for third party applications (sensors, WiFi terminals, video protection...).

HOW DOES IT WORK?

- 1 HORIZONTAL SOLAR PANELS**
Transforms solar energy into electrical energy during the day.
- 2 AN INNOVATIVE & RESILIENT BATTERY MANAGEMENT**
Stores the electrical energy produced during the day and has the best resistance and lifespan in any climatic conditions.
- 3 A SMART ELECTRONIC BOARD : THE SUNNACORE**
Our battery management system, developed in-house thanks to our team of electro-mechanical engineers, has a patented algorithm to very finely manage the energy and preserve the battery during its 12 years lifespan. Furthermore, our BMS is connected to an integrated Bluetooth function.
- 4 HIGH-POWER LED MODULE**
Sunna LED modules are particularly powerful with the best lumen/watt ratio available on the market: up to 175 lm/W.
- 5 A SMART LIGHTING PROFILE**
The SunnaCore powers LED modules using an intelligent lighting profile to avoid service disruptions during the night. Nights are divided into 3 phases during which lighting level depends on the battery state of charge. The same treatment is applied to the power supply of various equipment (sensors, IPCam, WiFi modules ...). Each lighting profile is fully customizable and adapted to each project.

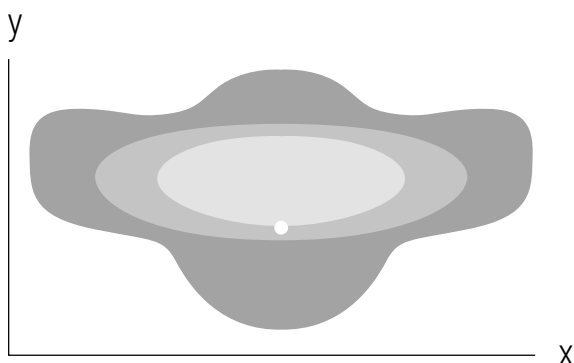


OUR LENSES

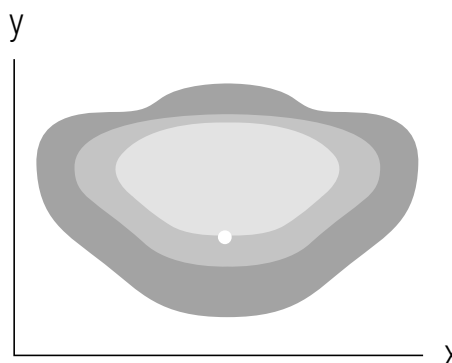
Each project is unique. Our products are equipped with 3 types of lenses (on selection) that allow our lighting design engineers to adapt lighting pattern to your project in order to optimize the number of products required.



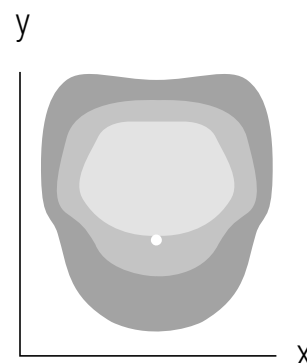
NARROW ROAD



MEDIUM ROAD



AREA & WIDE ROADS



SMART & CONNECTED SOLAR STREET LIGHTS

SunnAPP' : YOUR SMART TOOL

-  INSTALLATION AND COMMISSIONING SUPPORT
-  LIGHTING PROFILE MANAGEMENT
-  DATA LOG AND MONITORING
-  REGISTRATION AND MAPPING OF INSTALLED DEVICES

ON-SITE CONNECTION
VIA BLUETOOTH

SYNCHRONIZATION
VIA SUNNAPP'

SUNNACLOUD : REMOTE MANAGEMENT

This web management platform provides an overview on solutions localization and data collected via the SunnAPP.



APPLICATIONS



- 1 ISOLATED AREAS
SOLAR STREETLIGHTS
- 2 COMMERCIALS AREAS
WIFI HOTSPOT
- 3 INDUSTRIAL SITE
VIDEO PROTECTION
- 4 CITY
ADVERTISING DISPLAYS

MORE THAN
A STREETLIGHT

Rise On

RESILIENT & INTELLIGENT SOLAR ENERGY

RISE-On STATION, Sunna Design's solar generator can power your electrical equipment completely off-grid. Developed by Sunna Design, these high performance All-in-One solutions are reliable and efficient. The RISE-On Station is compatible with many third party devices including: WiFi terminals, connected cameras, advertising panels, sensors, USB terminals, hubs and communication gateways.



WIFI GRID



VIDEO PROTECTION



ADVERTISING

*These solutions are studied within the scope of special projects. Please contact our teams for more information.

OUR ADVANTAGES



ANTI-BLACKOUT
FEATURE



SUPERVISION
& REMOTE MONITORING



PLUG
& PLAY



UNIQUE RESISTANCE TO
EXTREME CLIMATES



6
YEARS
WARRANTY



14
patents

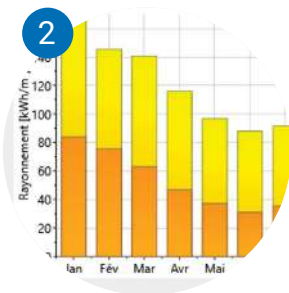
EXPERTISE

From the need assessment to the installation of the product, our sales and technical team support our customers to provide them with the most suitable solution for their lighting projects.



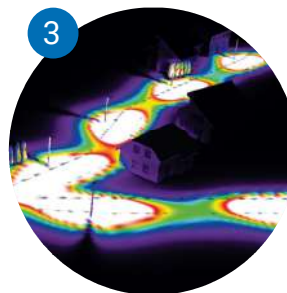
RESPONSIVE TO YOUR NEEDS

Qualification questionnaire
Tender compliance



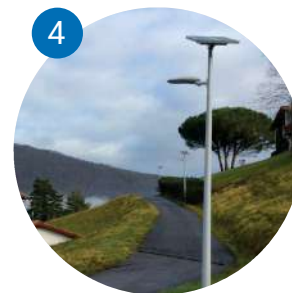
SOLAR RADIATION ANALYSIS

Solar sizing calculations done for each project by location, to ensure year round reliability
Calculation of service continuity disruption probability and lighting service efficiency



LIGHTING DESIGN

Compliance with requirements and road safety standards
Lighting level and uniformity
Selection of lighting profile



RECOMMENDATIONS AND OFFERS

Project design
Budget optimization
On-site or remote project monitoring



IF YOU HAVE A PROJECT, CONTACT US. OUR TEAM IS AT YOUR SERVICE

RELIABILITY & QUALITY

At Sunna Design, we offer the most efficient and sustainable solar street lighting technology. We know that lighting is a safety issue, so reliability and quality are key factors in our designs.

In 2016, Sunna Design inaugurated its 4.0 workshop. This innovative production line, located in our headquarters, simplifies product assembly and increases production capacity. The addition of cutting-edge technology to our production process has allowed us to increase our production capacity as well as our level of quality control, while reducing our footprint.

Thanks to our streamlined assembly lines, we are able to transfer part of the assembly process abroad. Being a leader in our industry means daily improvement in the quality and traceability of our products, while innovating in production processes.

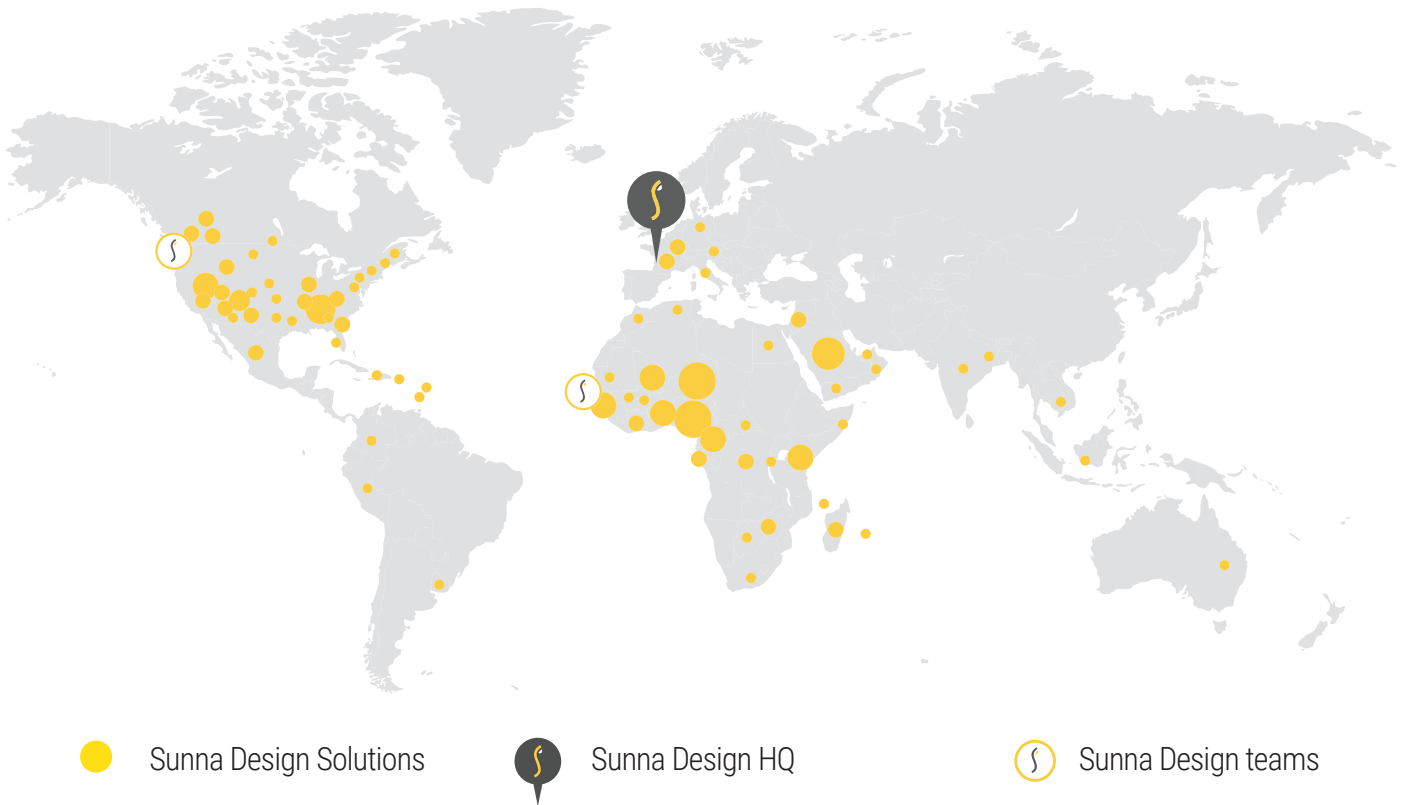


Watch the video to learn more about our factory



Technological innovation has always been an integral part of Sunna Design's DNA. As an R & D company, we continue to innovate throughout our value chain.

+ 100,000 PRODUCTS INSTALLED ALL AROUND THE WORLD



SOLAR LIGHTING AS A SERVICE (SLaaS)

Solar Lighting as a Service (SLaaS) is a subscription pricing model that allows you to avoid all initial infrastructure costs, from design to landfill and wiring, by paying for your solar streetlights on a monthly basis.

This all-inclusive program offers years of worry-free “all-inclusive” lighting warranty. We take care of all necessary upgrades and all maintenance and repairs for the duration of the contract.



- NO INITIAL OVERHEAD COST OR UNDERGROUND INFRASTRUCTURE COST
- PROMPT DESIGN, MANUFACTURING AND DEPLOYMENT
- TOTAL FLEXIBILITY IN THE LIGHTING LAYOUT
- GUARANTEED LIGHTING PERFORMANCE
- UPGRADES, MAINTENANCE AND REPAIRS ARE INCLUDED IN THE PROGRAM.
- IMPROVE YOUR “LEED” CERTIFICATION (GREEN BUILDING)

PROJECTS



FRANCE / Parking



COLOMBIE / Roundabout



FRANCE / Rural Area



ABU DHABI / Secondary road



SOUTH AFRICA / Residential area



FRANCE / Shopping mall parking



MEXIQUE / Touristic area



DUBAI / Playground



US / Tennis court



RDC / Billboards



US / Residential area



Centre de services ECOPARC
17, rue du Commandant Charcot - CS 90014
33 295 Blanquefort Cedex - FRANCE
Tel. +33 (0)5 47 74 86 03
contact@sunna-design.fr

FOLLOW US !



WWW.SUNNA-DESIGN.COM