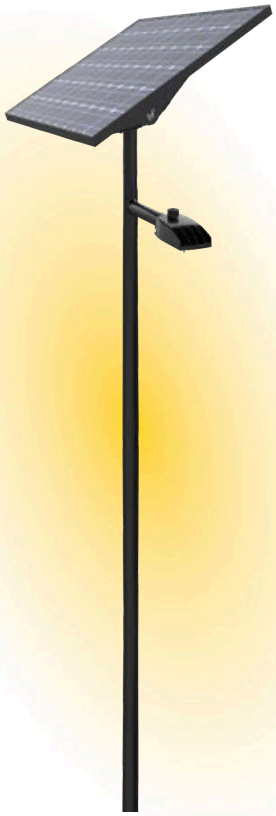
Solution Overview

SYSTEM CONFIGURATION

MODEL	EverGen 3
SYSTEM COLOR	RAL 9005
TILT ANGLE	25°
SOLAR PANEL WATTAGE	400 Wp
REMOTE MONITORING	



Battery Details

BATTERY TYPE	Lithium-ion (LiFePO4)
BATTERY CAPACITY	2048 Wh
OPERATING TEMPERATURE RANGE	-4°F to +140°F

Fixture Details

LED FIXTURE	ATBMicro P106
LUMENS PER FIXTURE (APPROX.)	7026
INDIVIDUAL FIXTURE WATTAGE	44 W
LIGHT COLOR TEMPERATURE	4000 K
OPTICAL DISTRIBUTION TYPE	Type IV
FIXTURE(S) PER SYSTEM	1

Operating Profile



CONSTANT LIGHT OUTPUT IS MAINTAINED THROUGHOUT THE NIGHT. NO DIMMING.

Warranty Details

SOLAR ENGINE AND ELECTRONICS	10 years
BATTERY	10 years
FIXTURE	Manufacturer's warranty
POLE (IF PROVIDED)	Manufacturer's warranty

Additional Details

WEIGHT (ENGINE AND FIXTURE)	159.15275 lbs.
EPA (ENGINE AND FIXTURE)	11.9 sq.ft.
TENON REQUIREMENT	3.5 in. OD x 6 in. long

Order key - System

E3SLX1-9005C3H-25US-400-L2048LV-SXXXX-XX

Order key - Fixture

ATBMic P106 Solar R4 BK NR

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Solution Overview

BENEFITS OF THE EVERGEN 3

Sized for year-round performance

Customizing the solar panel(s) and batteries to the project location and operational requirements ensures reliable, uninterrupted light 365 days a year.

Meets IES roadway lighting standards

Achieve and maintain IES-recommended light levels for a variety of applications, including roadways, while avoiding negative health and environmental benefits.



Solar/AC hybrid power option

Switch seamlessly between solar and grid power to reduce peak loads , prevent blackouts, minimize system cost, and build resiliency.

Best-in-class lighting fixtures

Compatible with a variety of cobra head and decorative fixtures from Acuity Brands, top-quality optics provide directional, uniform light without glare.

Single & grouped motion detection

Systems can be equipped with sensors to brighten only when pedestrian activity is detected. Group detection can be configured to allow multiple lights to communicate with one another (e.g. when one illuminates, it triggers others nearby).

Remote monitoring & asset management

Access your systems remotely from any connected device. Locate systems on a map, view product types and warranties, download data, and receive alerts of system issues.

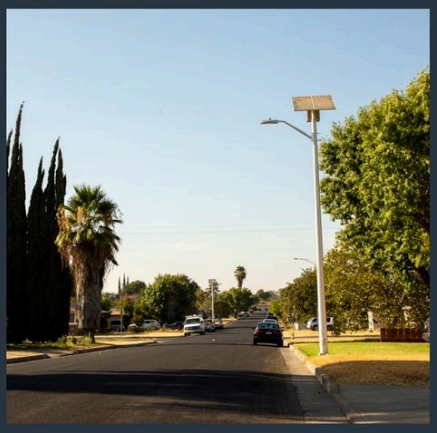
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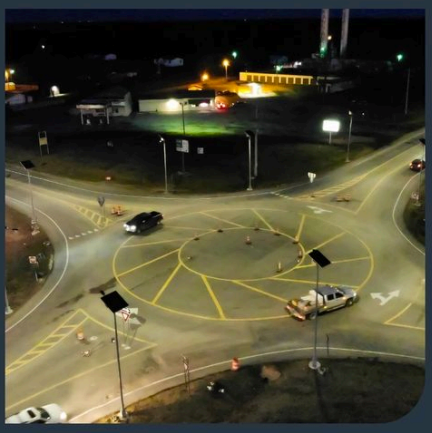
Success Stories

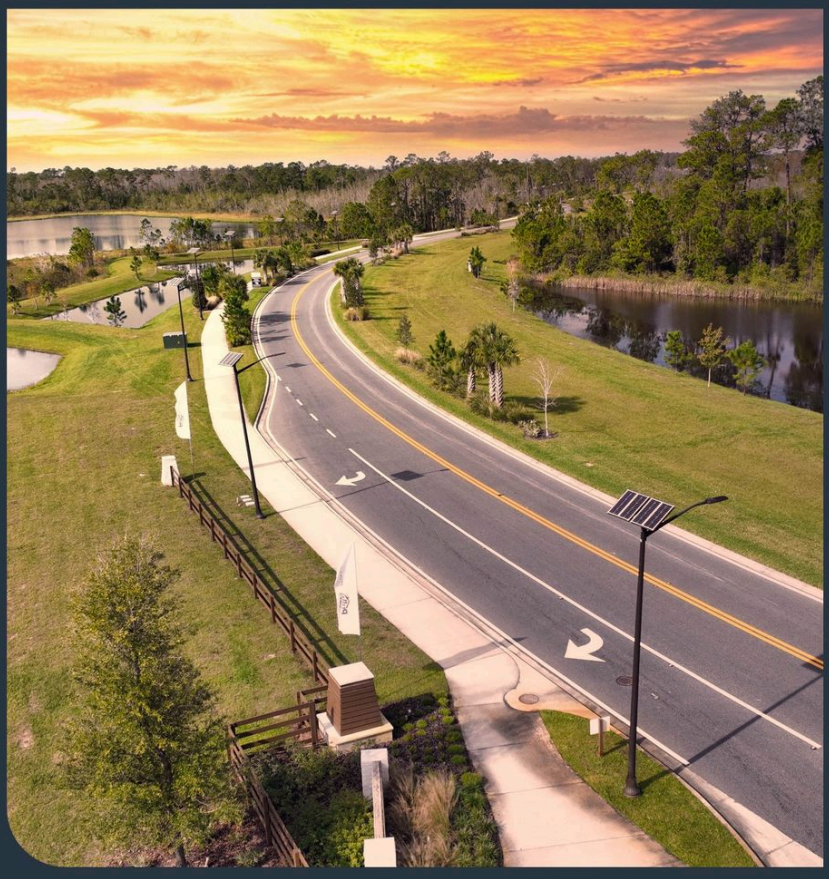
ROADWAY LIGHTING

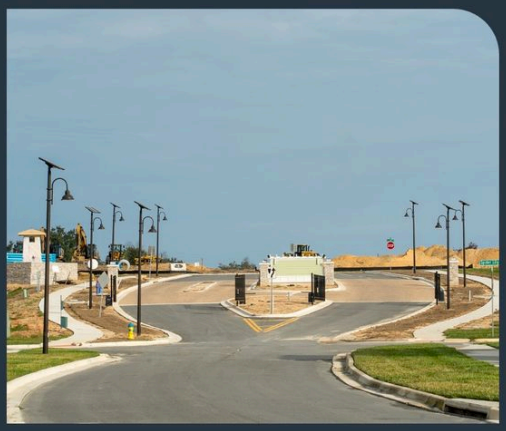














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POWER 365
SOLAR LIGHTING technology BY FONROCHE

SOLAR TECHNOLOGY

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.

DESIGNED IN FRANCE

ASSEMBLED IN THE USA

8-years parts & labour

Photovoltaic Module

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

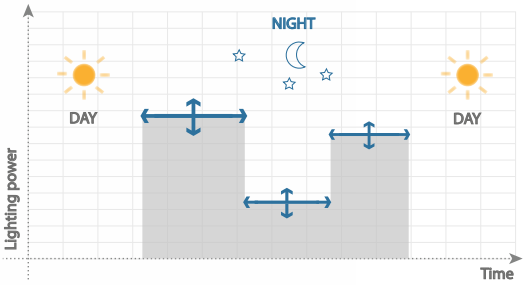


LED Light

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

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:



Pole and Mounting Arm

- Sized to official AASHTO Standards or as specified

ESSENTIAL

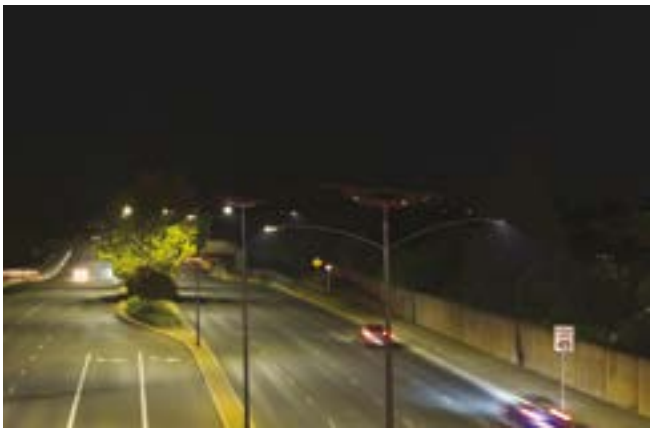
A Streamlined
and Timeless Aesthetic



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

