



LEADSUN

EST. 2005

ALWAYS DEPENDABLE

SMART Solar Lighting Applications



STREET



PARKING LOT



PATHWAY



AREA



1. STREET

LOCATION

Tampa Bay,
Florida, USA

PRODUCT SOLUTION

No. of lights: 2600+
Solar series: AE3
Solar size: 80W
LED module: T3 / 30W

PROJECT OVERVIEW

This unique master-planned estate in Tampa Bay, Florida is the first SMART connected city in the United States and is positioned to be one of the most advanced cities of the 21st Century. After nearly 2 years of testing various solar street lighting manufacturers, Leadsun's SMART solar streetlights were chosen to be the perfect technological fit.

With built-in adaptive sensors, asset management and controls. This new grid-free street lighting technology has full wireless internet connectivity capabilities, DARK SKY compliance, and is future-proofed to power smart city devices such as CCTV, public Wi-Fi access points, and more.



leadsun.com.au/all-projects/epperson-estate-bay-in-tampa-florida-usa/



"Is this the way of the future? I would say the future is here today. If folks are not going down the path of looking at having off-grid SMART solar streetlights I think they are behind by two or three years. This is what our planet needs and it's phenomenal technology"

Developer's Group Operations VP

2. PATHWAY

LOCATION

Blue Lake,
South Australia
AUS

PRODUCT SOLUTION

No. of lights: 90+
Solar series: AE2
Solar size: 40W
LED module: T2 / 10W

PROJECT OVERVIEW

The crater lake formed from an extinct volcano in Mount Gambier, now known as Blue Lake, is a 'world-class' natural attraction featuring a 3.6km pathway around the lake providing access to the spectacular natural surrounds. One of the major challenges in illuminating the pathway was the lack of access to grid power and the volcanic ground conditions preventing installation of underground trenching and wiring.

Leadsun's SMART solar public lighting was selected due to its grid-free technology and easy installation process that negated the need for geologically invasive trenching and excavation works. Combined with a concrete-less footing (EZYfoot) and lowerable poles (EZYpole) installation was a breeze and with minimal impact to the environment or local community.



leadsun.com.au/all-projects/smart-public-lighting-blue-lake



"After much consultation, the council has decided the most practical & viable solution was to install a Solar Powered Lighting Solution. After an extensive tendering process, Leadsun Australia's range of AE2 series solar lights was ultimately specified for the solar lighting project due to its proven system reliability, compact appearance and cost efficiency."

3. PARKING LOT

LOCATION

Melbourne,
Victoria,
AUS

PRODUCT SOLUTION

No. of lights: 10+
Solar series: AE3
Solar size: 80W
LED module: T3 / 10W

PROJECT OVERVIEW

As part of their zero-carbon emission energy program and a tight construction timeline, this Municipality opted to go 'grid-free' and install a solar-powered lighting system for a new Recreation Reserve parking lot. The challenge was that they needed it completed in under two days – without any destruction to the existing asphalt or freshly landscaped area.

Leadsun's solution was to use the fast and easy to instal AE3 series SMART solar lights with Plug & Play LED fixtures coupled with lowerable poles (EZYpole) and concrete-less footing's (EZYfoot) which allowed the project team to successfully install the lighting ahead of schedule, in just one day! Additionally, the continuous dusk-to-dawn operation made it compliant to the required local lighting standards.



<https://leadsun.com.au/all-projects/smart-public-lighting-angliss-reserve-car-park/>



"We are not disturbing or contaminating, so it is a really good option for us. We have the EZYpole which is the winch pole without having to bring a Cherry Picker. Just by lowering the pole from the ground saved us a lot of money. It was a no-brainer to put these lights in here and the fact that was done in one day made it even better"

Municipalities' Building Dept. Sustainability Officer

4. AREA

LOCATION

Arcade Creek Park
California
USA

PRODUCT SOLUTION

No. of lights: 20+
Solar series: AE3, AE6
Solar size: 80W, 180W
LED module: T2 / 10W, 30W

PROJECT OVERVIEW

Nestled between Arcade Creek and Verde Cruz Creek, this 12-acre park has a natural feel and is an oasis for the local residential community. Featuring a dog park, basketball court, and a children's play area - Arcade Creek is a well-used and valued public asset. With all these amazing facilities, the local residents wanted to be able to extend the hours of usage from daytime into the early evening and mornings.

Given the significant natural environmental landscapes which include water ways and mature oak trees, the Park Advisory Committees determined that a non-destructive and sustainable solar powered lighting solution would be a pre-requisite for any lighting construction works. Leadsun was chosen due to its proven performance, innovative and modular design that houses all critical components safely at the top of the pole away from harms-way and possible theft, as well as providing a quick, easy and cost-effective installation.



"I want to thank the folks at Leadsun who helped to make this project possible"

General Manager, Recreation and Park District

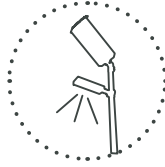
SMART Solar Lighting



S

Sustainable

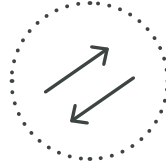
Environmentally friendly solutions that require no power from the grid



M

Modern

Slimline and aesthetically pleasing in all environments



A

Adaptable

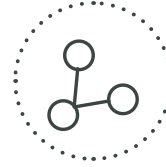
Can be installed where power is not available



R

Robust

Advanced battery technology with dependable performance



T

Technology

Disruptive innovation that challenges the status quo

FAST 15 minute installation In 3 EASY Steps



Scan to watch
how easy it is



1. Concrete-less footings



2. Pole & solar light



3. Raise into place

Thank you to our Valued Partners

