



LEADSUN

EST. 2005

In partnership with



CASE STUDY

Client: Breamlea Caravan Park

Project: Lighting upgrade for interior roads and amenity blocks

Lighting Compliance: AS/NZS 1158.3.1 P3/P4

★ ★ ★ ★ ★

This project has huge cost savings by being cable free!

SOLAR LIGHTING

SAVE UP TO **33%**
Compared to grid powered lighting

Project Overview

The Breamlea Caravan Park were having maintenance issues with the grid-powered lighting system installed around their interior roads and amenity blocks. Together with this and the increasing power costs they decided to install SMART public lighting to save money on maintenance and power bills.

This beautifully tree-lined resort, only a few metres from a surf beach, is home to regular weekend visitors and permanent site holders. The park is laid out similarly to a small estate and has a rural communal feel about it.

The few existing powered lights that existed were very run down, had rust build up around the poles and luminaires and provided a non complaint level of lighting which was causing visibility issues throughout the park.

Leadsun Solution

- 8 x AE3 Series 55W stand-alone solar lights
- 1 x AE6 Series 130W solar engine powering 3 – remote lights
- 10W LED Maximum output power (Dusk to Dawn operation)
- Adaptive lighting control automatically dims lights to 30% during inactivity
- Lithium-ion batteries provides 10+ years life span
- Future proofed with built-in wireless control system

Our project brief was to provide lighting throughout the whole park including road ways, the gate entrance and toilet blocks. Whilst greater lighting levels were requested, the park ambience to be considered to ensure the surrounding environment remained as natural as possible.

Leadsun's Smart Public Lighting solution was best suited to this park as all lights operate in a DIM mode throughout the night maintaining a natural environment. Once the inbuilt PIR sensor detects movement around the light it illuminates to full brightness, providing visitors and residence high visibility and a safe environment to move around in.

This project also incorporated Leadsun's EDGE - a wireless technology that allows the park managers to remotely monitor and configure all lights, battery consumption, and detect failure warnings from off-site at any time.



This project has an expected design life of 15 years