

CASE STUDY



Parklands Walkway | Wattle Range Pathway to Domain Playground, Millicent, SA

BACKGROUND

Wattle Range Council required a sensor activated, solar powered illumination solution for a 415m pathway connecting Williams Road to the Domain Playground. The client specified the importance of long battery capacity and battery life expectancy to ensure operation during winter months with low sunlight.



OUR SOLUTION

The GFS-STEALTH Solar pathway light is designed to be extremely reliable by incorporating a highly efficiency, military grade N-mono solar panel, high efficacy CREE LEDs and a LiFePO4 battery with 10 year battery warranty (7.5 plus pro-rata). These high end components ensure reliability, even through winter months and in poor solar charging environments.

By operating dual LED banks (one bank operates continuously, the other is PIR sensor activated), the STEALTH solar light ensures continuous lighting, while only activating full power illumination when someone walks along the pathway, providing the additional light required for pedestrians without unnecessary light pollution until 30 seconds after movement is no longer detected.

- **Product Supplied: 8 x GFS-STEALTH Solar pathway lights with PIR motion detection**

RESULTS

Wattle Range Council are very happy with the outcome of the project with good levels of illumination achieved in compliance with AS/NZS 1158, P4 pathway lighting standard. Installation was easy to organise as an electrician was not required for installation. Green Frog Systems supplied easy to follow installation instructions and support. Council selected a mid-hinge pole solution enabling the lights to be lowered should cleaning or maintenance be required.