



LEADSUN

In partnership with



CASE STUDY

Client: The Bass Coast Council - Wonthaggi
Project: The Bass Coast Rail Trail Illumination Project
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

Given the choice to select the most important community project to invest in, via the Victorian State Government's 'Pick My Project Initiative', local residents decided that lighting up the Bass Coast Rail Trail would have the most impact on their lives by increasing access, convenience, security & wellbeing.

The Rail Trail Illumination Project, which received \$198,000 through the State Government's Pick My Project community grant initiative, opened up the opportunity for individuals and groups with brilliant ideas to bring their projects to life, supported by their community, all to make their local area better in some way. The Rail Trail Illumination Project was selected as the most popular community enhancement option.

Leadsun Solution

- 41 x AE3 Series 55W solar engine and light configurations
- 4 x AE3 Series 80W solar engine and light configurations
- 10W LED Maximum output power (Dusk to Dawn operation)
- 45 x EZYlift hinged 'folding type' lift pole, 5.5m height
- Adaptive lighting control automatically dims lights to 30% during inactivity
- Lithium-ion batteries provides 10+ years maintenance-free life span
- Built-in wireless control & monitoring system enabled

The Project saw 45 solar lights installed along the Bass Coast Rail Trail, including lights in the car park and community space behind Apex Park, between McKenzie Street and South Dudley Road.

The lights operate at full brightness from dusk for five hours and then they are programmed to dim down for three hours to conserve power. If movement is detected while the lights are dimmed, the built-in internal sensors trigger the light to full brightness for 30 seconds.

Not only do these lights improve visibility at night and increase overall access and convenience, but they give trail users a sense of security and increase the opportunity for physical exercise.



This project has an expected design life of 15 years



The team at Leadsun installed 1.3 km of solar lighting along a walking track in our community. They delivered an urgent quote and followed through with the completed project in a timely and professional manner with quality components. I found Leadsun trustworthy and thorough and the end result was everything we hoped for and some. The whole community are loving the lights along the trail, it's so great, it truly is!

Karen Thorp, Project developer & local resident



Call us on 1300 532 378 to discuss how we can deliver you a HUGE saving compared to grid power lighting