



LEADSUN

In partnership with

coateshire

CASE STUDY

Client: Coates Hire

Project: Develop a Transportable Solar Lighting System

Lighting Compliance: AS/NZS 1158.3.1 P3

Project Overview

Coates Hire required a transportable solar lighting system to offer customers who require temporary lighting for construction sites. The equipment needed to have the ability to be used in a variety of applications and have a small foot print for flexible use in both confined and broader spaces.

Coates Hire identified a need in the construction industry for a lighting solution that eliminated the expense of fuel purchases, polluting fumes and noise emitted from generators.

Leadsun Solution

- 10 Complete Systems
- Solar Module Size = 260W
- LED output = 30W {4500Lm}
- Lithium-ion batteries providing longevity and reliability
- Concrete Bases = 2 x 1.5 ton (1300 x 1300 x 400)
- EZYwinch poles (Medium Duty) at 6.5m height

Each system consists of a 260W solar engine combined with a large 30W (4500Lm) Cree LED which will provide full illumination from dusk till dawn.

The poles are heavy duty and lowerable. The winch provided allows the user to quickly transport, install and uninstall without the need to use a raised platform. The assembly and dismantling process can be carried out as a two person operation.

At the request of the customer, Leadsun developed a two piece concrete block to support the system. This allows easy transportation with a unique design allowing fork lift loading and unloading.



"With the sun shining in Brisbane, it was a perfect opportunity to visit a customer and gather feedback on our new 30w solar streetlight. The project has limited space and is situated in a residential area, so providing a product with a small footprint, zero emissions and zero decibel rating was crucial to meeting specific requirements."

Robert Jenkins Product Specialist/Sales Lighting & Power



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