



LEADSUN

In partnership with



CASE STUDY

Client: Built Constructions

Project: Temporary Lighting Solution for footpaths & streets around construction site

Lighting Compliance: AS/NZS1158.3.1.2005 P3

Project Overview

Before the construction of high rise complex in Cremorne could begin, the Yarra council required Built to remove all existing street lights temporarily to allow cranes and large semi-trailers site access. These lights then needed to be replaced by a temporary lighting system providing similar illumination.

As the construction period was planned for over 2 years, the temporary lighting solution had to satisfy council that there was sufficient illumination throughout the entire construction period. The solution also had to consider the continued use of existing road and footpath infrastructure around the construction zone. As part of the process an electrical lighting consultant was engaged to design the appropriate luminaire, pole height and P3 roadside lighting compliance.

Leadsun Solution

- 3 x X5-390W Systems
- 30W LED light heads
- 1.3 Tonne concrete blocks
- Extra Heavy Duty 5.5 EL-XHD-5.5 poles
- Lowerable poles for ease of installation and programming at ground level
- 2000WH Lithium-ion batteries providing longevity and reliability

Working with the electrical lighting consultant appointed by Yarra council, Leadsun provided a solar lighting solution that was robust and meet all design and compliance requirements. A concrete block base system was developed to sustain the size of the system and withstand wind/strength loading. The end product also provided great flexibility for Built, in that the long-lasting solar technology used for this project allows this lighting system to be reused a number of times for future projects with similar requirements.

In today's dynamic fast paced world, Leadsun is both adaptable, versatile and offers tailored solutions that work for each unique situation. Whether it's temporary lighting for a pop-up event or a lighting solution for road works or construction sites, we have versatile solutions that are installed quickly, don't require power and can be reused reliably for many years.



This project has an expected design life of 15 years

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