



Port Hedland | Cemetery Beach | Pilbara Region, WA

Smart street Lighting Upgrade

BACKGROUND

During a site visit to Karratha in WA, the Green Frog Systems team stopped in to speak to The Town of Port Hedland about their current lighting systems. It was highlighted that the Town required new street lighting with their old systems needing replacement due to the demanding coastal weather conditions. Any new system to be implemented would be required to meet the lighting level under the Australian Lighting Standards and Requirements from the Council, be able to withstand the demanding conditions posed by being directly on the coast and had to be a cost-effective solution.

OUR SOLUTION

- 37 x GFS-Sentinel 50W LED Mains Street Light w/NEMA7
- 37 x NEMA7 Plug & Play Wireless Lighting Controller
- 37 x Wireless Management Software Licence
- 1 x Wireless Ethernet Gateway Data w/GSM Modem

Our solution for the Town of Port Hedland involved the installation of 37 GFS-Sentinel 50W Mains Street Lights with the optional centrally managed smart street lighting system. The Sentinel also offers high wind resistance to withstand coastal weather conditions and is ideal for vandalism prone areas.



RESULTS

The use of a smart system has allowed the Council to easily manage and control all their street lighting assets. This system lets the Council know when the lights aren't performing as they should, allowing them to only send out workers for maintenance when required, instead of having to undertake frequent checks to make sure the lights are functioning. The solution allowed the council to reduce overall maintenance costs.