

INCREASED EFFICIENCY AND REDUCED LIGHT POLLUTION



IRT Retirement Village Parklands

During September 2016, Empyrean Lighting and Greentech Electrical retrofitted the street lights throughout three IRT villages – Parklands, The Palms and The Ridge. The replacement of 84 existing 80W pole top lights with our 30W Andromeda Park lights with wide street lens resulted in 62% less power consumption, significantly reduced light spill into neighboring homes and provides significantly more light on the streets.

"This was a large project and covered three villages in different locations with numerous community lights. Since installation the energy consumption has reduced significantly. The process for us was made extremely easy given their intimate knowledge and understanding of the entire energy saving costs and what was required. Our dealings with the company were smooth and seamless right from the quoting process through the complicated path of implementation and final completion. IRT look forward to working with this company again on further projects in the near future".

- Kevin Donahoe, Regional Lifestyle Manager

Incumbent Technology
84 x 80W Circular Post Top

LED Solution
84 x AndromedaXPB-Park-30

SUMMARY OF RESULTS

Annual consumption savings
18,345 kWh

Annual cost savings
62.5%

Annual CO₂ savings
19 tonnes

¹Per annum savings based on runtime of 12 hours per day, 7 days per week