



MAGNARAY®
INTERNATIONAL



Div. World Institute of Lighting
and Development Corp.



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IES Award Winning Case Study

Admiral Thomas Condominium Apartments – Saving 86+% in Energy Costs

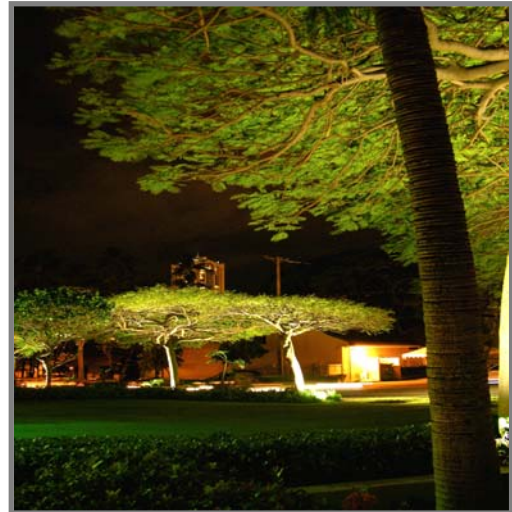
Russ Kulinski, Resident Manager, of Admiral Thomas Condominium Association, Honolulu, Hawaii requested proposals for entrance landscape lighting from local designers in February of 2004. One firm selected metal halide luminaires of 35 watt (54 total watts each) and 70 watt (94 total watts each), plus 1 – 1000 watt metal halide roof mounted. Total wattage for the 34 recommended fixtures was over 3,500 watts. Cost with installation was nearly \$39,000.

Tom Brennan of Eco-Lite Hawaii also provided a proposal using Magnaray® WISE13 floods (15 total watts each), and W1PL36 (40 total watts each). Tom used a total of 20 fixtures with a total wattage of 475 watts, or *a savings of 86% in energy costs*. Equipment cost was just under \$5,000, and labor at \$1,000. It sounded too good to be true, so Tom offered a night-time demonstration. The demo proved worthwhile for all concerned, and was accepted in March 2004, with installation occurring in May, 2004.

On July 19, 2005, Admiral Thomas Condominium Apartments were recognized by the Hawaii Section of the Illuminating Engineers Society with a Certificate of Award for Outstanding Energy Efficiency Lighting Design.



Natural
Beauty



Results of Magnaray® #WISE13
fluorescent floodlights on shorter trees.
Note complete canopy illumination.

Results of Magnaray® #W1PL36
fluorescent floodlights on larger trees.
Note natural tree colorations.

Saving 86+% in Energy Costs

Contact Tom Brennan of ECO-LITE
808 923-4271
for more details

We reserve the right to modify design or specifications without prior written notice.

Saving Energy and the Environment Since 1964

"Quality is never an accident; it is always the result of high intention, sincere effort, intelligent direction and skillful execution; it represents the wise choice of many."