

Q1 Surfers Paradise

HOTEL SECTOR

PROJECT COMMENCED JULY 2013

NuGreen Solutions was engaged by Q1 Surfers Paradise to audit their Hotel, we identified a retrofit solution to save emissions and energy costs. After surveying the property, measuring the current lighting levels, analysing existing light fittings and installing some sample fittings we were able to compile a detailed report outlining the potential cost saving upgrading to LED technology.



HAMILTON AVENUE
SURFERS PARADISE,
QUEENSLAND

THE SOLUTION*

1,500	Fittings to be replaced
86%	Saving on current lighting spend
UP TO \$1M	Saving over 10 years
6,200	Tonnes of CO ₂ saved over 10 years
5 YEAR	Maintenance free period



THE BENEFITS

- Reduced electricity bills
- Reduced CO₂ emissions
- Zero maintenance costs for the next 10 years
- Improved lighting environment
- No capital outlay required
- Use of the latest technology
- Future proof around rising energy cost

LIGHTING COMPARISON	EXISTING	SOLUTION
WATTS	86,250	12,000
FITTING TYPES	50W Halogen MR16	LED Lamp
ENERGY COST (PA)	\$496,464	\$69,073
MAINTENANCE COST (PA)	\$15 pa per fitting	\$0
CO ₂	740	103