

# Peppers Broadbeach (Parking)

HOTEL SECTOR

PROJECT COMMENCED AUGUST 2013

NuGreen Solutions was engaged by Peppers Broadbeach to audit their Car Parking. We identified a retrofit solution to save emissions and energy costs. After surveying the multi level car park, measuring the current lighting levels, analysing existing T8 fittings and installing some sample fittings we were able to compile a detailed report outlining the potential cost saving upgrading to LED technology.

## THE SOLUTION\*

1,050	Fittings to be replaced
52%	Saving on current lighting spend
UP TO \$510K	Saving over 10 years
722	Tonnes of CO <sub>2</sub> saved over 10 years
4 YEAR	Maintenance free period



## THE BENEFITS

- Reduced electricity bills
- Reduced CO<sub>2</sub> 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



BROADBEACH  
QUEENSLAND

LIGHTING COMPARISON	EXISTING	SOLUTION
WATTS	43,470	21,000
FITTING TYPES	36W T8 Fluorescent	20W LED Tube
ENERGY COST (PA)	\$289,915	\$140,056
MAINTENANCE COST (PA)	\$12.20 pa per fitting	\$0
CO <sub>2</sub>	373	180