

Peppers Broadbeach (Hotel)

HOTEL SECTOR

PROJECT COMMENCED AUGUST 2013

NuGreen Solutions was engaged by Peppers to audit their Hotel in Broadbeach, Queensland. We identified a retrofit solution to save emissions and energy costs. After surveying the 5 Star Hotel, measuring the current lighting levels, analysing existing Halogen 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*

3,895	Fittings to be replaced
89%	Saving on current lighting spend
UP TO \$1.6M	Saving over 10 years
4,252	Tonnes of CO ₂ saved over 10 years
10 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



BROADBEACH
QUEENSLAND

LIGHTING COMPARISON	EXISTING	SOLUTION
WATTS	223,963	25,000
FITTING TYPES	50W Halogen MR16	LED Lamp
ENERGY COST (PA)	\$1.2	\$142,500
MAINTENANCE COST (PA)	\$11 pa per fitting	\$0
CO ₂	489	55