

**Grand Park Chinese Seafood Restaurant**
**2013**


### The Place

Grand Park Chinese Seafood Restaurant was established in 2004. Located at Alexandra Park, it is one of the best Chinese restaurants for its yum char and seafood in Auckland.

### Space

The Restaurant can cater for sit-down banquet style function up to 650 people at Tasman Room with fantastic views of Alexandra Park Raceway and 300 people at Main Dining Room at ground floor.

### Lighting Issues and Solution:

The restaurant has been using over 200 halogen MR16 GU5.3 base spotlights for their main dining rooms. They have quick lumen depreciation with varying light output, short lifespan, poor lighting efficacy and high heat emission. Self trial with various LED lamps has encountered compatibility problem with the existing transformer, too high or too low colour temperature or insufficient brightness.

The existing GU5.3 spotlight and transformer are replaced with our customized 6w GU10 having the 3100K colour temperature and flux lumen >550lm. There will be savings in energy from lighting and air conditioning. Further savings will be achieved in re-lamping maintenance.

*"The new lighting gives us warm and even illumination. After the lighting retrofit by Eco-lightech, the restaurant has a cooler and brighter future together with a remarkably reduced energy bill. The payback for the lighting and installation cost is estimated to be just over one year."*

*Dennis Lee*

*Director,*

*Grand Park Chinese Seafood Restaurant*

