

Case Study: Shangri-La Hotel: Quaryat Al



Details

Location: Abu Dhabi

Sector: Hospitality

Replacement of 50W halogen lamps with 4W ELR25 lamps.

Installed into existing MR16 fixtures

2800K colour temperature

35 Degree beam angle



Project Brief

The guest corridors at the Shangri-la Hotel in Abu Dhabi previously used 50W halogen lamps operating 24h per day. Changing to the 4W ELR25 lamp maintained the spot effect but saved over 25kW in energy and over 2,000 lamp changes each year.

Benefits

Simply replacing lamps was the easiest way for this hotel to reduce costs and benefit the environment at the same time.

- Instant 90% energy savings
- Over 2,000 lamp changes saved per year (>6yr life @ 24h per day usage)
- Over 120 tonnes of CO2 emission saved per year
- Payback in less than 1 year
- Low heat emissions to create a more comfortable environment and lower AC bills