

## Commercial Case Study

## Hotel Public Areas

*Installation of 800 LED down lighters in 4\* Hotel, Spa & Golf Resort public areas*

### 75% ENERGY SAVINGS



#### **Details:**

Replacement in retrofit project of 800 **Halogen 20w** dichroic down lights with **5w LED MR16 down light**

Easily installed in the current light fittings and compatible with existing drivers resulting in a straight "Plug & play" retrofit

3000k and 5000k Colour temperatures used to match the design criteria

Light (Lux) levels achieved to meet requirements for area

5 year warranty on the LEDs supplied

#### **Benefits:**

***Large energy savings:*** Instant 75% energy savings

***Reduced Maintenance costs:*** the lamp life increases from 2 000 hrs to 50 000hrs resulting in reduced disturbances to high profile area

***CO<sup>2</sup> Emissions savings:*** Reduced CO<sup>2</sup> emissions by approximately 44 tonnes per year

***<2 year payback / 75% reduction in power / 44 tonnes annual CO<sup>2</sup> savings***