

## Commercial Case Study

## Hotel Chain – Corridors

*Installation of 5W LED downlighters in Large Hotel Chain corridors*

### 85% ENERGY SAVINGS

Before



After



#### Details:

Replacement in retrofit project of **Halogen 35w** dichroic downlights (with RGB lens) with **5W LED down light**

Easily installed in the current light fittings, also compatible with existing drivers resulting in a straight “plug & play” retrofit

3000k Colour temperature, also available in 6000k

Light (Lux) levels were increased to exceed legislation requirements for area.

5 year warranty on the LEDs supplied

#### Benefits:

**Large energy savings:** Instant 85% energy savings

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

**Low heat production:** Low heat emissions help to reduce air conditioning consumption

**CO<sup>2</sup> Emissions savings:** Reduced CO<sup>2</sup> emissions by approximately 68.9 tonnes per year

***<1 year payback / 85% reduction in power / 68.9 tonnes annual CO<sup>2</sup> savings***