

Cost Savings..... € 7,128 / Annum

Investment..... €6,000

Payback..... 9 Months

Environmental Benefits:

CO₂ reduced: 32 Tonnes p.a.

LED Lighting Saves €7,128 Per Annum

MARITIME HOTEL - BANTRY



Description of Property

The Maritime Hotel is a 4 star hotel located in Bantry, with 100 bedrooms, treatment rooms, leisure centre, restaurant, bar, function room and meeting rooms. The Maritime Hotel has achieved the Green Hospitality Programme's Gold Award.



Project Description

In 2009, management at the Maritime Hotel sought to reduce their electricity bill for lighting by installing more efficient lighting. A total of 240 halogen spots on the hotel corridors, each with an energy rating of 30 watt, were replaced with 3 watt LEDs.



The Results

The new 3 watt LEDs reduced the energy consumption of corridor lighting by 90%, resulting in a cost saving of €7,128 / annum on electricity. As LEDs generally have a 5 year life-span, the labour cost associated with changing "blown" lights has been practically eliminated, reducing the workload on the facilities department.

Based on an LED cost of €25 each, in 2009, the payback period was 9 months for this investment. After the 9 months the hotel was saving €7,128 / annum, and this excludes the cost of reduced labour and the replacement of halogen spots.

The price of LEDs has decreased significantly in recent years so for a hotel undergoing this cost saving measure the payback period should be less than 9 months.



Source Details:

Green Hospitality Programme www.greenhospitality.ie