

H O T E L

GE 2D™ Compact Fluorescent Lamps



“Guest room energy use down 20 percent, an eight month ROI, plus no more requests for higher wattage lamps for the rooms; that’s a winning package for us.”

—Mitch Crawford
Director, Engineering
Indianapolis Marriott Hotel

Hotel switches to GE 2D™ Compact Fluorescent lamps, energy use in guest rooms cut 20 percent.

Constant requests from guests for higher wattage lamps, coupled with increasing energy costs, convinced management of the 252-room Indianapolis Marriott Hotel to evaluate the latest lighting technology options.

“We had replaced 90-watt incandescents with 150-watt lamps in table and floor lamps in all the guest rooms, as well as switching 60-watt desk lamps to new 90-watt lamps,” explained Mitch Crawford, hotel Director of Engineering. “Guest complaints continued and this is a business where the guest satisfaction is a key to the success for a hotel like ours.”

After reviewing new lamp technology, Crawford decided to **replace all 150-watt lamps with 450 new 39-watt GE 2D™ Compact Fluorescents**. A combination of **22-watt 2D lamps and 28-watt GE Biax® Compact Fluorescents** replaced the old 90-watt lamps, accommodating a range of existing fixture shade sizes.

“The results of the lighting conversion have been outstanding,” the Marriott executive noted proudly. “Guest requests for higher wattage bulbs have been eliminated; **this results in my gaining almost 25% of a man-year** that I can apply towards other hotel projects with no increase in staff or expense.

“We also can see a **20 percent drop in energy costs and project an eight month return-on-investment (ROI)**, just from the savings. Furthermore, **light levels in the guest rooms still meet Marriott company standards, 11 footcandles (maintained) on average**; all of this makes the hotel General Manager very happy with our lighting conversion efforts.”



GE Lighting