



Case study

Hyatt Regency London - The Churchill

Location
PhilipsLighting

Portman Square, London
MASTER LED



PHILIPS



“We calculate energy consumption on a month-by-month basis as it varies with factors such as occupancy levels and usage. These figures indicate energy savings ranging from 12% to 18% per month and we anticipate a return on investment within 12 months.”

Ian Odendaal, Director of Engineering, Hyatt Regency London - The Churchill



In upgrading halogen light sources to LED lighting, Hyatt Regency London – The Churchill has improved light quality while achieving up to 18% energy savings with a projected 12 month payback



Fast Facts

Customer

Hyatt Regency London - The Churchill

Location

Portman Square, London

Philips Products

MASTER LED

Project in Partnership with

Lightsave Fuller Read

Newbery Smith Photography

Background

The Hyatt Regency London – The Churchill is one of the finest 5-star hotels in London, with 434 rooms and suites at its prime location in London's West End. As part of the Hyatt group, the hotel has goals to reduce energy consumption against a 2006 baseline and, as part of this strategy, Hyatt has a policy of switching to LED lighting where appropriate. Philips is an approved supplier of LED lighting.

Working closely with specialist lighting wholesaler Lightsave Fuller Read, The Churchill identified that replacing halogen lighting in corridors and bedrooms would provide a fast return on investment.

The Solution

Hyatt Director of Engineering Ian Odendaal recalled: "Before the project could proceed we needed to demonstrate to the hotel management that there would be significant financial savings, while our lighting designers also had some reservations about using LED lighting. Working with Philips and Lightsave Fuller Read we were able to appease these concerns."

Alan Kilford of Lightsave Fuller Read added: "Around 5,000 35W GU10 halogen lamps have now been replaced, using Philips MASTER LED 4W LED lamps with a 2700K colour temperature and a beam angle of 40 degrees. Some older LED lighting has also been upgraded to new Philips LED lamps as the original lamps did not have consistent colour appearance."

As a result, The Churchill will benefit from reduced energy costs and a smaller carbon footprint. "We calculate energy consumption on a month-by-month basis as it varies with factors such as occupancy levels and usage. These figures indicate energy savings ranging from 12% to 18% per month and we anticipate a return on investment within 12 months," Ian Odendaal explained.

"There are also maintenance benefits. We were replacing around 550 lamps per month and this has now reduced to 50 – these being the compact fluorescent lamps still used in bedside lamps," he added.

The project has been a great success in terms of aesthetic as well as energy and carbon performance. "There is a big improvement in the look and feel of the lighting. The halogen lighting was quite harsh but the LEDs give a warmer feel and soften the appearance of the wallpaper and carpets," Ian Odendaal enthused. "We were very pleased with the support we received from Philips and Lightsave Fuller Read throughout the project," he concluded.

If you would like to see more projects or have an enquiry, visit us at www.philips.co.uk/lighting or email: lighting.uk@philips.com



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