



FUTURE
LIGHTING

CASE
STUDY



CHASE
COURT
LONDON SW1

ROI:
40
MONTHS

CHASE COURT

How do you match 21st century technology to one of London's historic neighbourhoods?

Blending contemporary technology to historic architecture is a challenge. Updating lighting solutions so inhabitants don't feel they are living in a museum is something Future Lighting encounter time and again.

Key issues include:

- Comprehensively removing all old technology safely
- Lighting communal areas with attractive high wattage solutions in keeping with the décor
- Saving energy
- Offering satisfaction and peace of mind



Chase Court in the prestigious Knightsbridge area is a traditional residential block of 26 apartments & studios spread over six floors. It forms part of a converted mansion next door to the world famous Harrods Store in London's Kensington district.

Jamie Willsden CEO of Future Lighting realised: 'These are potentially sensitive projects. Being so close to the iconic London store we needed to preserve the integrity of a building, offer energy efficient technology while working quickly and cleanly with the minimum disruption. We love the challenges this kind of lighting design give us.'

The communal areas can make a massive difference to the atmosphere and overall feel of an interior space. Residents may enjoy the architectural splendor but they don't want to compromise on lighting design, efficiency or convenience.



BUILDING TYPE :
RESIDENTIAL



NUMBER OF DWELLINGS
26



TECHNOLOGY USED
LED & CONTROLS



MONEY SAVED
£1427.00

Future Lighting Case Study

Future Lighting's Solution

Future Lighting designed smart, energy efficient solutions for the lobby and stairs.

- Within the lobby and stair areas we replaced old compact fluorescent bulkheads with new LED alternatives.
- Our fittings also incorporated integral microwave occupancy detectors so only lighting areas occupied when required.
- Using this system we were able to reuse the existing lighting positions and wiring resulting in no damage to the buildings cosmetics and assisting rapid installation. Using LED has also improved light levels by 30%



CO₂ SAVED(T)
6.25



RETURN ON INVESTMENT
40 MONTHS

Future Lighting Case Study

SUMMARY OF LAMP & FITTINGS

Area / Location	Fitting & Lamp Type	Wattage	No of Lamps (per fitting)	Total Wattage (per fitting)	Amount of fittings	Total Area Wattage (used)
Entrance Lobby	60W BC Candles	60	4	240	2	480
Staircase & Landings	28W 2D	35	1	35	20	700
TOTALS					22	1180.00

COST SAVING CALCULATIONS

ENERGY / COST SAVING CALCULATION	PRE	POST
Cost per kWh	0.14p	0.14p
Watts used (ph)	1180	328
Lights "ON" per day (hrs)	24	1.2
Kwh's Used (pA)	1.18	0.33
Voltage	230	230

ELECTRICITY USED £'s

ENERGY / COST SAVING CALCULATION	PRE	POST
Day	£3.97	£0.55
Month	£118.94	£1.65
Year	£1,447.15	£20.11

SUMMARY OF COSTS, SAVINGS and ROI

Item	Cost	Savings
Installation (parts and materials)	£6,442	
Annual Electricity Saved		£1,427
Annual Maintenance Cost (lighting only)		£500
Total	£6,442	£1927.00

Notes:

- Prices are subject to VAT
- Maintenance cost based on an average of a typical 12months over a three year period
- Cost for installation includes for our 5 year Maintenance and guarantee cover. Subject to terms and Conditions.

ROI: 40 MONTHS



www.future-lighting.co.uk

The Beacons, Loughton, Essex, IG10 2SQ

020 3665 5211 | info@future-lighting.co.uk | www.future-lighting.co.uk

