

## CASE STUDY

### Grade II listed manor house in Buckinghamshire



A sustainable lighting scheme to transform a dark, gloomy manor house into a bright family home

## THE BRIEF

Re:light ltd. was appointed by a leading interior designer to work as part of the design team working with the client and main contractor on this vast manor house and its grounds.

The brief was to remodel a dated property, using a blend of the traditional and contemporary, to provide a home that is in keeping with the modern country lifestyle of the client.

The design not only had to be sympathetic to the style and age of the building, but also had to comply with Part L of the building regulations with the use of up to the minute renewable light sources.

Mood and drama also played a key role in transforming this dark and gloomy property into a modern family home.

“Working with Dominic Triggs from Re:light on the Manor project gave us huge confidence and resulted in a great lighting scheme. The lighting effects had the desired level of drama without looking too staged. We would certainly recommend Dom on any project. Nothing is too much trouble for him and his service is thoroughly professional...”

Emma Sims-Hilditch, Sims-Hilditch Interior Design



...making light work

## THE SITE

Originally built in the 1630s, the manor house is a large, grade II listed property nestled in the beautiful Buckinghamshire countryside. The building has undergone numerous renovations and extensions through its lifetime.

The house itself sits within a large estate which includes formal gardens, 39 acres of rolling parkland, three cottages, a swimming pool, tennis courts, a stable yard and lakes.



The Yard, 1a Walter Street  
Bristol, BS3 1WS

T: 0117 963 3404  
E: [info@relight.ltd.uk](mailto:info@relight.ltd.uk)  
W: [www.relight.ltd.uk](http://www.relight.ltd.uk)



# THE SOLUTION

## AMBIENT LIGHTING

Due to the large size of many of the rooms we introduced five amp lighting sockets not only around the edge of the room, but also in the centre, hidden under local free standing furniture this enabled lighting without unsightly trailing leads. Traditional decorative lighting is used throughout in keeping with the style and age of the property, however the combination of industrial/agricultural style pendants and wall lights give a modern twist to the scheme.

## FEATURE/LOCAL LIGHTING

The property boasts numerous interesting architectural details such as fireplaces which were illuminated from above and this, combined with uplighting from the floor created drama and accent on these features; doorways were similarly lit. Recessed downlights used in alcoves highlighted objects set within them and artworks were picked out using two or more focus recessed spotlights to give an even wash of light whilst also providing ambient light to the rooms.

## SUSTAINABLE LIGHTING

To mitigate potentially high running costs sustainability was a major factor in the design. We therefore used LEDs wherever possible providing a low maintenance, energy efficient solution. This was achieved by using dedicated LED downlights with extra white colour properties and a high colour rendering index (CRI) rating. Retro fit LED lamps were used in the pendants and free-standing lighting and small LED local light sources were used as navigational lighting.

## EXTERNAL

The exterior lighting needed to be functional to ensure easy night time navigation around the grounds and buildings whilst remaining unobtrusive during daylight hours. The addition of low voltage PIRs linked into a control system also helped both with routeways and general illumination. However, it also had to show this impressive manor off to its best advantage creating a dramatic focal point in the extensive grounds. Beautiful, traditional bronze and copper light fittings were mounted around the building to provide a warm, welcoming effect with in-ground uplighting used to highlight the facades, architecture and trees.

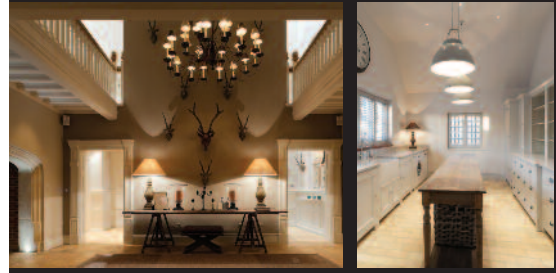
## CONTROL SYSTEM

We designed a lighting control system to provide pre-set 'scenes' for the whole ground floor, master suite on the first floor and as mentioned, the external lighting. The system also incorporated a number of features to help provide a measure of security for the property, including a panic button that activates all the lights simultaneously. As well as adding to the practicality of the whole lighting scheme the control system also contributes to energy saving and related running costs.

Re:light was part of the design team shortlisted for the International Design & Architecture Awards 2014



# THE RESULTS



FOR MORE EXAMPLES OF OUR WORK  
VISIT [WWW.RELIGHT.LTD.UK](http://WWW.RELIGHT.LTD.UK)