



Finchley House

– sophisticated technology makes smart home automation look simple

A modern home automation and lighting control system, embracing the flexibility and reliability of Philips Dynalite's technology, has provided this London home with peerless performance, ambience and simplicity.

The design from Philips Dynalite Dimension dealer, Morban Ltd, has provided this luxury residence with a customised home automation system, which integrates lighting, blinds, security, and home entertainment systems.

After comparing several specialist home automation providers, the home-owner settled on Morban because they portrayed the most forward-thinking ideas and had the best product knowledge. As the design developed, the home owner became aware how accomplished the Philips Dynalite solution had to be to achieve such a wide array of automation results.

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Client requirements

The renovation of this luxurious five-bedroom property entailed the installation of sophisticated lighting controls in all key areas of the building, including the entire ground floor, the master bedroom and en-suite. The project scope incorporated mood lighting, sensor-activated lighting in hallway areas, automated blinds and integration with AV systems.

Above all, the design had to be easy-to-use, rugged enough to withstand interaction with children, and capable of setting different moods simply and effectively.



The Philips Dyalite solution

From concept to reality

The transition from dream to a design reality for this family home was a perfect example of the design collaboration process at its best. The client had an unusually clear concept of the outcomes and effects he wanted to achieve. Morban worked with him in the design phase to help realise his vision. The flexibility and capabilities of the Philips Dyalite solution-set made fine-tuning the design requirements relatively easy to accomplish.

Integrated design

The integration aspects of the design extend to the AV systems in both the master bedroom and TV room. These have been provided with universal remote control units, from which it is possible to control the lighting to those areas. The home security is also integrated into the system, with 'welcome' and 'goodbye' functions controlling the lighting when entering or leaving the building. In the event of a security-or fire-alarm, pathway lighting is automatically activated.



Products and technology used

In total, the system incorporates 49 controlled lighting channels, supervised by five Philips Dynalite controllers. Leading-edge controllers manage the custom-built chandeliers in the reception area and the dimmable circuits. Multipurpose controllers supervise the dimming fluorescents, cold cathode, LED and in-ground metal halide lighting circuits, and provide control for the motorised venetian blinds in the bi-fold doors leading to the rear terrace.

Revolution and evolution

Philips Dynalite's communications serial bus network, DyNet, provides the backbone into which the various systems are linked. Three universal sensors have been installed in the hallway areas, arranged to provide automatic lighting when movement is detected and ambient light levels are low. The lights come on with movement in the common areas. This goes beyond mere convenience. If the children wake up during the night and walk around the house, the lights will come on automatically and safeguard against them tripping and hurting themselves. It's an excellent safety feature.

A total of 12 Revolution two wall panels were used throughout the house. These are white glass with charcoal buttons and are designed for both style and simplicity. The top switch is always the 'on' button and the bottom switch is always 'off'. This system is very intuitive to operate for users of all ages and experience.

Key client benefits

The design provides the perfect minimalist interface to the sophisticated engineering hidden behind the scenes.

The home-owner is delighted with the installation. The finished design has not merely matched his vision, but in many cases has exceeded it. The solution delivers simplicity of use, safety, security, ambience, sophistication and flexibility for future technology updates. This system has been designed to be expanded as requirements change over time. The client looks forward to watching the lighting controls and automation capabilities develop as his family grows and needs evolve.

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Headquarters & All other countries/regions

P: +61 (0) 2 8338 9899
E: dynalite.info@philips.com
W: dynalite-online.com

Australia, New Zealand

SYDNEY, AUSTRALIA
P: +61 (0) 2 8338 9899
E: dynalite.info@philips.com
W: dynalite-online.com

North Asia

SHANGHAI, PR CHINA
P: +86 21 2412 8035
E: dynalite.info@philips.com
W: dynalite-online.com

South Asia

SINGAPORE, SINGAPORE
P: +65 6882 3000
E: dynalite.info@philips.com
W: dynalite-online.com

India

DELHI, INDIA
P: +91 124 460 6333
E: dynalite.info@philips.com
W: dynalite-online.com

Europe (ex.UK)

EINDHOVEN, THE NETHERLANDS
E: info.lightingcontrols@philips.com
W: dynalite-online.com

United Kingdom

GUILDFORD, UNITED KINGDOM
P: +44 (0) 148 329 8950
E: lcuk.sales@philips.com
W: dynalite.eu

Middle East & North Africa

DUBAI, UAE
P: +971 4 214 6130
E: dynalite.info@philips.com
W: dynalite.com.au

United States

DALLAS, TEXAS
P: +1 800 526 2731
E: controls.support@philips.com
W: lightolier.com

Canada

LACHINE, QUEBEC
P: +1 514 636 0670
E: controls.support@philips.com
W: canlyte.com



asimpleswitch.com

For more information, please contact

Melbourne 03 9701 2500	Sydney 02 9737 8988
info@lightmoves.com.au	www.lightmoves.com.au