

## Residential Home, Leicester

### Lighting

Installed and Designed by Lee Elliott - TEC Electrical Services Ltd

### Client Requirements

Discrete Automated Lighting with Functionality and security in mind and the ability to override

When entertaining guests to create different mood lighting

## Light Symphony Solution



Light Symphony **Timers & PIR** motion sensors were used to trigger the garden lighting automatically

4-Zone controller (Hidden in garden shrubs)



2 or 4 zone keyfob  
Part: LS30032/4



Long-range Remote  
Part: LS30050WRC



iPort smart phone interface  
Part: LS30970PORT

This prestigious family home has recently won awards and you can see why.

A new extension gave a modern, sleek feel to an otherwise traditional property.

The new, fully glazed extension was clearly designed to make the garden feel like part of the living space and lighting the outside allowed this to be true well into the evening.

A few carefully positioned wireless lighting controllers avoided cabling each individual circuit back to one location. The circuits were later 'wirelessly zoned' to create user-friendly controls, such as 'Patio' and 'Steps' regardless of where they were supplied from.

The indoor Light Symphony **i-Port** was added to give family members control of the lighting from their smart phones and a Light Symphony **Timer Unit** was installed to fully automate the garden, for example, the step lights were timed Dusk - 11pm at 30% and could ramp to 100% if triggered by a PIR motion sensor to add all round safety & security to this very desirable property.

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Tec Electrical  
Services Ltd



This contract was won by Lee Elliott of TEC Electrical, based in Leicester. He surveyed the site and tendered accordingly.

An avid installer of Light Symphony lighting controls, he was keen to see the client took full advantage of the latest technology and was able to control his garden from his phone.

Work commenced inside the property first working closely with both the client & Hendersons (the project coordinator) giving a full design and build to the full Electrical installation, later Lee and his team set about transforming the garden. A new patio was constructed, keeping the tree a central feature, and Tec installed a mixture of Ultra Low Energy Dimmable Led light fittings around the extension.

A Light Symphony Timer was installed in a convenient place to the client, and programmed to serve all zones of the garden to bring on different zones at different times of the night to really make the garden feel part of the home. This included dimmed zones to give a homely subdued effect.

Two Light Symphony PIRS were also connected to the system so any intruders or activity outside the property would trigger the whole system to illuminate to full brightness, thus bringing both security and functionality into play whilst keeping everything automated and simple to use. After a few minutes the system returned to the previous setting prior to activation.

Two 4-Channel Controllers were installed;

- 1 in the Garage (to control all the lights around the house) and
- 1 in the Garden (keeping multi-core cabling to a minimum)

Light Symphony's 1km range was never an issue as the signal had line of sight through the floor to ceiling glass windows around the new extension.

Although the lighting system is fully automated the addition of the iport gave the client the ability to alter the mood of the lighting at the touch of a button on their ipad and iphone. If entertaining, moods could be selected and overridden very easily.

Smart Speakers, CCTV and smart controlled heating all added to the luxury and effortless control the client was looking for.