



Case Study

The Background

Cliveden House is a magnificent Grade I stately home with a rich and extensive history, now operated by Iconic Luxury Hotels.

Cliveden House is a stunning Grade I-listed mansion in Berkshire with a rich history and is grand in architecture. Now managed by Iconic Luxury Hotels, the property is carefully maintained by the National Trust, which is committed to its preservation. With its elaborate interiors and historical importance, Cliveden House is not just a luxury destination but also a protected National cultural treasure.

As part of ongoing efforts to modernise infrastructure while preserving heritage integrity, the estate needed a compliant and future-proof emergency lighting system. The solution had to meet strict safety standards without sacrificing the building's aesthetics or structural integrity.

The Challenge

The primary challenge was integrating a modern emergency lighting system into a historically significant, Grade I-listed building without causing disruption or altering its architectural features. Facility managers were tasked with ensuring full compliance with emergency lighting regulations whilst preserving the delicate finishes and structure of Cliveden House.

Running new cabling through any heritage building is never ideal and practical due to conservation restrictions and the risk of damaging protected areas. Additionally, the hotel had to remain fully operational throughout the project. The installation had to be carried out with minimal disruption to guests and staff. There was also a need to reassure the client of the installation team's ability to work sensitively in such environments.

Project Name

Cliveden House

Location

Taplow, Buckinghamshire, UK

Industry Application

Heritage

Project Type

New Emergency Lighting System

Year

2025

Number of Fittings

200

Contractor

Maidenhead Electrical

Product Range

L10 Lithium Nanophosphate

Testing System

Zoneworks XT HIVE



The project was executed with exceptional consideration for the building's heritage, resulting in minimal disruption to ongoing operations."

Ben Harvey and James Barnaby
Maidenhead Electrical Electricians

The Solution

Maidenhead Electrical Ltd (MEL) was appointed to deliver the project due to their expertise with heritage sites. To build confidence and demonstrate their capability, MEL arranged a site visit for the client to a similar project they had completed at Eton College Chapel.

Clevertronics Zoneworks XT HIVE system was chosen, paired with the L10 Nanophosphate range of emergency luminaires. This combination offered a fully wireless, intelligent emergency lighting platform, which is ideal for heritage environments where invasive cabling is not an option.

The 100% wireless HIVE system eliminated the need to run cables through difficult or inaccessible areas, preserving the building's structure and significantly reducing installation time. Over 200 luminaires were installed with each custom RAL-coloured to blend seamlessly with the surrounding décor, ensuring minimal visual impact.

The L10 Nanophosphate battery technology provided a 12-year design life, removing the need for maintenance or battery replacements for over a decade. Combined with HIVE's automated testing and real-time monitoring, the system delivered a complete compliance solution that removed the manual burden of ongoing emergency lighting checks and reporting.

The Results

The successful implementation of the L10 and Zoneworks XT HIVE emergency lighting system at Cliveden House has eliminated the need for maintenance and replacements for more than 12 years. The system provides a discreet architectural finish while ensuring that all compliance and reporting obligations are automatically managed.

The project was executed with exceptional consideration for the building's heritage, resulting in minimal disruption to hotel operations. Iconic Luxury Hotels expressed high satisfaction with MEL's professional approach and the seamless integration of the system.

Ben Harvey, MEL Approved Electrician commented:

"The installation, commissioning and ongoing support from Clevertronics was seamless. Cliveden House now has a state-of-the-art emergency lighting solution that ensures minimal to no interruptions to their ongoing business and it looks great as well."

Key Highlights

100% wireless installation—No invasive cabling required, ideal for heritage building

200+ custom RAL-coloured fittings – Seamless integration with interior design

L10 Nanophosphate batteries – 12+ years of maintenance-free operation

Zoneworks XT HIVE – Automated testing and real-time compliance monitoring

Minimal disruption – Hotel remained fully operational throughout

Client satisfaction – Led to further projects with Iconic Luxury Hotels

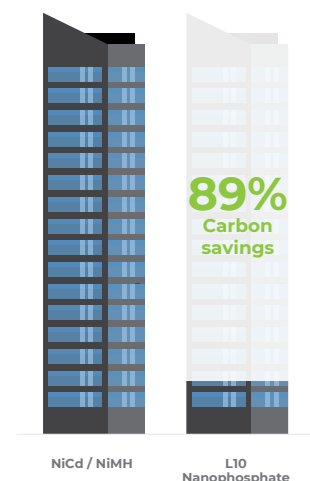
Find Out More

Cliveden House is another quality project delivered by Clevertronics. If you would like further information contact Clevertronics for a site audit, demonstration, and cost analysis report.



**Sustainability:
Carbon Impact**

**L10 Nanophosphate and
Zoneworks XT HIVE can reduce
carbon emissions by up to 89%**



* Findings based on recent AECOM carbon study on the use of emergency lighting products in buildings.



Ben Harvey and James Barnaby
MEL Approved Electricians
Reviewing the Cliveden House installation plan.



Maidenhead Electrical Ltd