

Bodleian Library, Oxford University

Bodleian Library in Oxford University is one of the oldest libraries in Europe. It has parts dating back to 1487 and is the main research library. It holds over 12 million items and occupies five buildings. Its famous interior featured as the Hogwarts library in the Harry Potter films.

Rob Gregg of Oxford University engaged Urban Jungle Energy & Engineering, in collaboration with Tyson Lighting to refurbish the existing lighting. The task at hand was to enhance the lighting functionality of the space without disturbing the original architecture.

State of the art lighting and Casambi controls have been installed, with hardware and commissioning supplied by Holders.

Holders overcame a problem during commissioning where some of the power supplies onsite were told to be "DALI compatible" but were not relaying a logarithmic dimming curve as required by the DALI standard. Fortunately the dimming curve for Casambi's CBU-ASD can be modified and the commissioning team rewrote the fixture ID to accommodate their 'linear only' type command.

Casambi's CBU-ASD was small enough to fit into the refurbishment design, so no customisation had to be done. The library's 170 luminaires are separated into 2 different networks and the staff of the library control the lighting via Xpress switches. Xpress is used to recall scenes and to turn off the lighting when the library is closed. A "fade to zero" functionality has been implemented for the staff of the library to exit before the lights are completely turned off.

Being able to upgrade lighting services in a historic building aged 500 years old presents many challenges. Casambi, with Holder's technical support was able to solve these with its state of the art wireless lighting control solution.



Products used: Casambi ASDs; Casambi XPRESS switches;
Lighting Design By Urban Jungle and Tyson Lighting

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