

Blue Coat Church of England School & Music College

COVENTRY, United Kingdom

A complete lighting upgrade at the Blue Coat Church of England School in Coventry has already seen significant savings after changing out their fluorescent lighting and replacing it with Sylvania fixtures.

Located in Coventry, the Blue Coat Church of England School & Music College is a member of the Inspire Multi-Academy Trust, providing a rich and challenging curriculum which allows their students to thrive while "learning to live and experiencing life in all its fullness."

The school was lit almost exclusively by fluorescent lighting, with the rising energy costs and fluorescent lamp phase out,

the Inspire Education Trust decided that it was important to completely upgrade the lighting across the site. Therefore, maximising savings and improving overall lifespan on the fittings and need for staff to regularly replace the fluorescent alternatives. Fluorescent T8 lamps were phased out at the end of August 2023, with T5 lamps following in March 2024.

To save the issue the school may have had trying to find replacements this year after they have been phased out, the school acted to significantly improve the light quality and colour temperature by installing LED fittings.

As a result, the school upgraded all internal lights and lighting of the Astro turf pitch. Sylvania were approached directly by the Trust and under Sylvania Sales Representative, David Lakey and Project Management from Dan Dobson, the project was completed over the Summer break and October half term.

Sylvania supplied LED Wayline Battens, replacing the traditional T8 batten and Recessed Start Panels to replace fluorescent panels, improving the lighting for the students and teachers frequenting these rooms significantly.



Concord Optix was used in the library and sixth form areas, complimenting the high ceilings and natural light by organising the Optix in a square formation under high square sky lights in both areas.

The school theatre has been lit with Luminance InVerTo Direct / Indirect which has added to and improved the space greatly.

Furthermore, in the school gym area, Sylvania supplied Granit Highbays to light the area. This highly efficient and long-lasting highbay is ideal for school halls, and a whole range of applications where a tough long-lasting luminaire is needed.

New ceilings were also installed in classrooms to further improve the aesthetics and practicalities of these rooms, and a new lighting array was designed and installed in the school hall to fix holes in the ceiling and recess the lighting to improve the light levels and uniformity in the space ready for exam season.

Ben Tranter, Head of Estates at the Inspire Education Trust, was impressed with Sylvania's commitment throughout the project;

"We chose Sylvania based on their comprehensive and diligent proposals, as well as the fact that they support their products with a 7-year guarantee. This gave us confidence that the lifespan would be achieved, effectively eliminating the need for staff to replace lights on the site on a regular basis. The most obvious impact, however, is in the light quality and the vast improvement in colour temperature.

The service Sylvania provided from start to finish was outstanding and continues to be with their aftercare. Since the installation, we have been delighted with the results and the savings we've already started to see. I would have no hesitation in recommending Sylvania and have already done so."



The Trust's main objective with the project was energy savings and reducing maintenance costs throughout. Due to the improvement in light quality and LED upgrades, the school is already making significant savings across the board, saving up to 316,000kWh and 83 tonnes of Carbon per annum. In addition, the school will see a ROI in 1 year and 8 months, making great improvements year on year with Sylvania's support.

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**Ben Tranter, Head of Estates
Inspire Education Trust**



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Feilo Sylvania International Group Kft.
Duna Tower, Népfürdő Street 22,
Building B, 3rd Floor
1138 Budapest, Hungary

Sylvania-lighting.com