

## Stratford School Academy

LONDON, United Kingdom

Sylvania Lighting provides turnkey upgrades to two Stratford School Academy sites in the heart of London.

Located in the borough of Newham, the school is rooted in the local community and aims to develop and provide an inspirational learning journey for all students, regardless of starting points or circumstances

Due to fluorescent lighting phase out in the coming months, and with some lamps already phased out, many schools replaced their fluorescent lighting in the summer of 2023. Stratford School Academy

were no different, with the existing lighting made up of fluorescent technology, (mostly t5 tubes,) which were phased out in September 2023. Sylvania were tasked with providing turnkey upgrades across both the Grosvenor Road and Upton Lane sites and switching all the lighting to new highly efficient LED fittings

Sylvania were introduced to the school via an energy broker as the school were keen to understand what could be done to mitigate big spends on energy. At a time when energy pricing was, and continues to be, incredibly high, the school were looking for different ways to





lower their energy consumption. An LED upgrade was a necessity, and after investigating the potential savings they could be making, the school decided to proceed with the upgrades. The brief given was the complete the project ensuring that the light levels were in line with CIBSE guidelines.

Sylvania were keen to help the school sort out any problems they may have in future regarding any fluorescent lighting bans so suggested Start Panels, Start Highbays, Start Downlights and LED Tubes. These were installed in both sites to ensure that the proper measures were taken to reduce carbon emissions and make significant savings year on year. The whole installation was completed by August 2023.

In the entrance areas of the sites, Start Highbays were fitted around a large skylight to significantly improve the light temperature and feel of the first areas you see when walking into the school.

Start Panels and LED Tubes were used throughout classrooms and have drastically improved the light quality for staff and students frequenting these rooms.

In addition, Start Downlights have been used in the changing rooms and Start Surface luminaires have been used in the outside areas; their robust designs perfect for the application and long-lasting lifetime meaning they will not need replacing for a significant time, compared to the old fluorescent lighting.

The project was overseen by Sylvania Sales Representative David Lakey.

Due to these upgrades, the school will be making huge savings across the board, saving 223,135kWh and 61.665 tonnes of carbon. These carbon savings are the same as offsetting the production of 20,555,000 plastic bags or 116,349 miles driven by car per annum.



Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication, specifications and performance data are constantly changing. Current details should therefore be checked with Feilo Sylvania Europe Limited

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