



# Mayor's Climate Change Fund Case Study

## St Mark's Church Community Centre

St Mark's Church Community Centre operates as a resource for community life and is home to over 50 community groups and charities. The building was built in 1974, with extensions built in both 1984 and 2000. The total floor area is 681 m<sup>2</sup> and it has an EPC rating of C. They have previously completed other energy efficiency measures such as double glazing, extensive insulation, solar panels and a solar thermal hot water system.

Through the Mayor's Climate Change Fund, the centre has been able to replace their old inefficient lighting with LEDs. Their existing 18-22w bulbs will be replaced with 12-13w bulbs, and their 23-30w bulbs will be replaced with 14-20w bulbs which will provide an estimated saving of over 40% on their electricity use.

Since a 40% saving is expected this would be a financial saving of £1,574pa, reduce their consumption by 4,644 units of electricity and save 1.0827t of CO<sub>2</sub>e per year.

These works were completed in September 2022 with the Mayor's Climate Change Fund providing 50% match funding for the cost of fitting the improved light system, a sum of £3,719.

