

# HAWTHORN SWIMMING POOL

## LED LIGHTING SCHEME

DELIVERED BY RCTCBC'S ENERGY & CARBON  
REDUCTION TEAM BETWEEN 2024 - 2025

**Over 100 LED lights** have been fitted at Hawthorn Swimming Pool, Pontypridd, as part of the Carbon Reduction Project between April 2024 and March 2025.

Compared to traditional light fittings such as incandescent and fluorescent bulbs, LED lights are more efficient as they convert a higher percentage of energy into light, produce less heat, and have a longer lifespan. This makes LEDs a cost-effective lighting solution but also contributes to their growing popularity as a sustainable choice for lighting needs.

Data indicates that this project **saves 23,207 kWh a year**, which is the equivalent to **£4,409 annually** (based on current energy costs). This installation reduces the Council's greenhouse gas emissions by **8.97 tonnes annually**, thus helping the Council move towards its target of reaching carbon neutrality by 2030.

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CONTACT US  [Energy@rctcbc.gov.uk](mailto:Energy@rctcbc.gov.uk)

