

Case Study #2

Lighting scheme savings

Our passion to help businesses extends to many different areas. Here, we organised at no cost, for a professional lighting survey to be undertaken. The business is situated in an old printing works built in the 1950's.

Lighting costs currently amount to £4,975.99

Following survey and analysis, a lighting scheme was proposed which replaced 11 different lamp types (125 units) using 151kWhpd seven days a week, with just 4 different lamp types (129 units) using 92kWhpd.

At current electricity tariffs, this reduced lighting costs by £1,945.40pa a saving of 39.10%.

CO2kg levels would reduce from 29,529 down to 17,984, saving 11,544kgpa, or to put it another way, 16 trees would be saved from having to absorb CO2.

Cost of the project is in the region of £10,810 for the new lamps and fittings + actual fitting. Because LED is specified, the lamps qualify for an energy saving **grant of 40%*** that includes fitting costs.

* The percentage granted varies from region to region but we can advise.

Knowledge of regional grants meant that a lower initial outlay leading to a quicker return on investment