



Low Energy Lighting

Low energy lighting has been installed inside the Visitor Centre to reduce the building's electricity consumption.

The old, inefficient T12 fluorescent fittings have been replaced with T5 fluorescent fittings in the main lobby area, office areas and garage.

Occupancy detector units have also been installed which will turn the lights off when the room is empty, and on again when the room is entered. This prevents the lights being left on, wasting electricity. The existing spotlights have been replaced with low-voltage, low maintenance LED (light emitting diode) 6W lamps, which will consume less electricity and will last longer.



How it Works

T5 lamps, so called because the tubes measure 5/8 of an inch in diameter, are almost 60% smaller than T12 lamps and last longer. T5 lamps are a popular energy-efficiency measure, due to their potential to cut lighting energy use by more than 65%.

LEDs emit more light per watt than incandescent (non-fluorescent) light bulbs, are smaller, last longer and consume less electricity.



For Your Home

Lighting accounts for 8% of a typical household's energy bills and cutting your lighting bill is one of the easiest ways to save energy. Fitting new energy saving lights such as compact fluorescents (CFLs) and replacing halogen downlighters with energy efficient LEDs (light-emitting diodes) will reduce your home's electricity consumption. You can also reduce your electricity bills by changing the way you use your lights such as turning off unnecessary lights especially whenever you leave a room. Whatever type of lights you have you will save energy by turning them off even if it is only for a minute or two.

For more information, please email: climatechangefund@bedford.gov.uk