

Link To Energy

Electrofix, Bristol



connecting with local tradespeople

Key Points

- Up to 90% reduction in lighting costs
- Up to 50% reduction in total energy costs
- Return on Investment of less than 12 months.
- Easy installation—no disruption to the business
- Reduced maintenance of lighting—life span of LEDs is significantly longer than halogens.
- Reduced overheating resulting in reduced ventilation and cooling costs.

The Business

Electrofix is a small music equipment repair shop in Bristol. The site consists of a shop front, a workshop and unheated store area. Severn Wye's business energy advisor completed a brief energy survey of the business and identified that over 75% of the business's total energy spend was due to the electricity use of the halogen spot lighting.

Results

Since the original survey, the business has taken significant steps in reducing its energy

Quote from Business Owner

"Last time I fitted some LEDs, they were a lower wattage and nowhere near as bright so was put off."

"Last weekend, I replaced them with 4.5 watt led lamps and was impressed with the light output from them."

"I intend to watch my electric bill plummet"

Graham Hawes - Business Owner

consumption by up to 50%.

The LEDs were able to be installed with the existing fittings and so could be fitted in-house. The cost to implement this was around £400, with annual savings predicted at over £600 per annum.

Next Steps...

The business uses a portable gas heater in the workshop and consideration could be put in to replacing this with an air to air heat pump. Consideration could also be put in to adding secondary glazing to the large window in the workshop.



If you are interested in LEDs then take a look at the installer or supplier section of the Link to Energy website:

www.linktoenergy.org.uk

Electrofix—Savings achieved from replacing halogen spot lights with LEDs