

Case Study

Speedibake

- Customer: Speedibake
- No of units installed: 20
- Electricity Bills: Reduced by £450+ / year
- CO₂ Savings: 2.6 tonnes / year



At its Wakefield factory, Speedibake carried out a test of 20 Save It Easy units in order to replace the lighting in the ingredients store. Following the success of this test, Speedibake chose to undertake a rolling programme of lamp upgrades – buying 20, 40 and 60 Save It Easy units, as funds became available, and installing new, energy-efficient lamps as the old ones began to fail.

PROJECT OVERVIEW

Speedibake installed energy-efficient fluorescent lighting using retrofit converter, ‘Save It Easy®’, at its Wakefield factory, netting savings of more than two tonnes of CO₂ every year.

BACKGROUND

At its two bakeries in Yorkshire, Speedibake makes muffins, doughnuts and specialty breads. The company requires extensive, high-quality illumination to ensure its staff output remains excellent. However, Speedibake realised that it was wasting money through a lack of efficiency in its lighting.

THE CHALLENGE

Speedibake worked out that its 100w standard 8ft strip lights were costing the company far more than energy-efficient equivalents. However, the capital investment required seemed prohibitive. Not only did lamps need to be replaced, but the light fittings, which, due to physical and technical differences between the old and new lamps, would ordinarily need to be removed and replaced. The expense and disruption to the day-to-day running of the factories was out of the question.

THE SOLUTION

Thanks to the innovative Save It Easy converters, Speedibake was able to retain the existing light fittings, simply slotting the new, energy-efficient lamps into place.

RESULTS AND OUTCOME

As a result of the project, Speedibake was able to save 4,805 kWh of electricity every year. Based on just the test installation, Speedibake netted an annual cost saving of £456 and a yearly CO₂ saving of 2.6 tonnes. Speedibake achieved payback on the Save It Easy units in just ten months.

What’s more, Speedibake was able to remove every alternate light from its ingredients store, because the energy-efficient lamps were bright enough to cope with the change. This unlocked yet more energy savings for the company.

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