

CASE STUDY

Product: Light Eco® 4.8

Customer: Antigoni Family Fashion & Clothing Stores

Customer Contact: Available upon request

Location: Sykies of Thessaloniki, Greece

Investment: €3,000 (fully installed)

Annual Savings: €1,500

Return On Investment: 50% (simple payback = 24 months)

Greenhouse gas savings per year: 60 Tonnes of CO₂ equivalent



Project Description:

Antigoni Stores is a high profile chain of clothing stores in Greece. It was established in 1978 and there are three stores in Thessaloniki and one store in Larisa.

The company invested in energy saving some years ago and changed all the electromagnetic ballast to electronic ballast in most of their stores. Unfortunately, the payback period was far too long so they sought a better solution.

After using Light Eco® in one of their stores (the only one left with electromagnetic ballast) they were very impressed with the results. Now, they are thinking about re-installing magnetic ballast just so they can use Light Eco® in all of their stores. Their new store in Xanthi will also be using Light Eco®!

The store in Sykies of Thessaloniki was selected as it was the only remaining store using magnetic ballasts. This store was constructed in 1990 and has approximately 1,000m² of retail shopping space.

The fluorescent light circuits were easily accessible so the installation itself was relatively simple. In fact it took place while the store was still open.

Light Eco® 4.8 units were installed. Measurements taken during the installation showed an average savings of 29%.

The annual electricity savings is approximately 1,500 Euros even without considering the savings on air conditioning running costs and the extension of T8 tube life.



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