

Case Study



Antigoni Stores

Project Description:

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

They decided to do some investment in energy saving, some years ago, and they changed all magnetic ballast to electronics. Unfortunately, the payback period was too long. After using Light Eco in one of their stores (the only one left with magnetic ballast) they were really impressed with the results. Now, they are thinking about changing again the electronic ballasts with magnetics and installing Light Eco in all of their stores. Of course there is not doubt about using Light Eco at the new Antigoni store in Xanthi!

In Thessaloniki there is also a big building of administration office and clothing storehouse where LighEco can be used.

Site Description:

The store in Sykies of Thessaloniki was selected because it was the only one using magnetic ballasts. This store was constructed in 1990 and is about 1.000m².

The circuits of fluorescent light were totally clear so the installation was not hard at all. 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 about 1.500 Euros without considering the savings of air-conditioning and the extension of tubes life.

Summary of Results:

Annual savings	€ 1,500
Cost of investment	€ 3,000
Internal Rate of Return	50% (simple pay-back = 24 months)