

CASE STUDY – Debenhams Waterford, Ireland



Annual Savings: €33,000 Payback: 12 months

The Project:

With over 150 stores in the UK and Ireland Debenhams is one of the leading department stores group. In the Waterford facility, areas are fully lit for 12 hours a day. Debenhams Waterford decided to use **Save It Easy®** to upgrade 2560 lamps to low energy lighting.

Implementation:

At the Waterford store, Energy Sense Ireland and Debenhams calculated that on lighting alone 35% savings were possible. In February 2009, based on these calculations over 2560 lamps were converted with no disruption to the every day workings of the store.

The Savings:

As a result of installing the **Save It Easy®** units, annual energy cost saving of €33,000 and CO2 emissions savings of 105 tones will be achieved. This installation was concluded in February 2009 over two weeks with 35% savings on lighting costs.

Project Payback and Comments:

Including annual maintenance cost and product savings -: 12 months.

Quote: Firstly can I say I have had a huge benefit changing from Warm White to Cool White. Based on our EMS we have dropped 30kw from our load since we have installed

Save It Easy® which will direct me into my 12 month payback for my project.

Having running periods of 12hours everyday , by using T5 energy efficient tubes as opposed to T8 it will have great payback for Debenhams. Overall it is a very good step forward and it will be taken as a measure in the rest of the Debenhams stores.

Michael Conway (Debenhams Waterford)