



Market leaders Samsonite undertake energy project, focused on their shopfloor lighting, at their flagship Milan store

THE BACKGROUND

Samsonite are a global luggage manufacturer & retailer, with products ranging from suitcases to backpacks and travel accessories. Combining strong, lightweight materials with innovative design, the company have grown over a century of established business to be the market leader in the global luggage industry.

Samsonite wanted to undertake a large-scale energy project, the store to run the first trial was based in Italy, so they engaged with one of MeasureMyEnergy's channel partners, UPL Italy, to find the best solution for their needs.

PROJECT AIMS

Samsonite had decided to undertake an LED re-lamping project for their retail estate in Italy, starting with their flagship store in Milan.

Before any work could be begin, there was a requirement to measure the consumption of the existing lighting circuits in order to validate the project's Return On Investment. The management team wanted a detailed 'before and after' data set to compare against.

"Samsonite improved both the indoor lighting environment and the energy performance of their shop, reducing the costs and the maximum demand by 30%."

- Dario Pizzarelli, Energy Management Consultant, UPL.

The Samsonite logo is located in the bottom right of the green box. It consists of the word 'Samsonite' in a blue sans-serif font, with a blue globe icon integrated into the letter 'o'.

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THE SOLUTION

With the help of MeasureMyEnergy, UPL Italy deployed one 12 way Power Distribution Monitor (PDM) to measure the electrical consumption of the store's 10 individual lighting circuits.

From this, a baseline was determined for comparison, not only of the mains power used by the site, or even of the power used for the combined lighting circuits; but for each individual circuit.

Following installation of the LED lighting, the MeasureMyEnergy web based platform made it simple for Samsonite to track the reduction in kWh consumption as the project unfolded.

This not only gave the client consumption figures but broke down the cost, per appliance, into Euros and cents. These results ultimately gave them a credible forecast of expected return on their initial investment.

THE OUTCOME

Samsonite proved their energy saving, demonstrating an overall reduction of electrical consumption at their flagship store in Milan by 30%.

As a result, Samsonite are now able to confidently move the project forward, understanding how to prioritise the other stores within their retail estate and where the fastest return can be expected.

At a Glance

Industry - Retail

Savings Achieved - 30%

Benefits - Energy Reduction / Proof of concept for LED equipment

