

## The Lighting Strategy Review

### The Facts

One of your biggest energy consumptions is lighting, up to 40% in the average building. The simplest ways of understanding this issue is to carry out a lighting strategy review. What is a lighting strategy review? A lighting strategy review can be broken down into four simple stages:

### Stage 1 – What have you got and how much does it cost?

Carry out a room-by-room survey of the building to determine how many different types of lights there are, the number of lamps and the wattage of each lamp. From this you can calculate the total wattage of all the lights and then the hourly energy cost of your buildings' lighting



### Stage 2 – What's the annual cost of your lighting?



Determine how long each light is switched on for every day. Multiply this up for the year (don't forget holidays!) and you have the annual running hours. You can now calculate the annual energy cost of your lighting.

### Stage 3 – What are the alternatives and how much do they cost?

Research suitable alternatives to those already fitted; remember to check the new lamp footprints match! Then simply repeat Stages 1 and 2, but with your new lamps instead of the old. From this you will now have an annual energy cost of the new lighting. Now calculate the life cost for each of the lamps, old and new; and you will now know the total cost of both lighting types!



