

# Liana's Boutique

## Halogen down light replacement case study

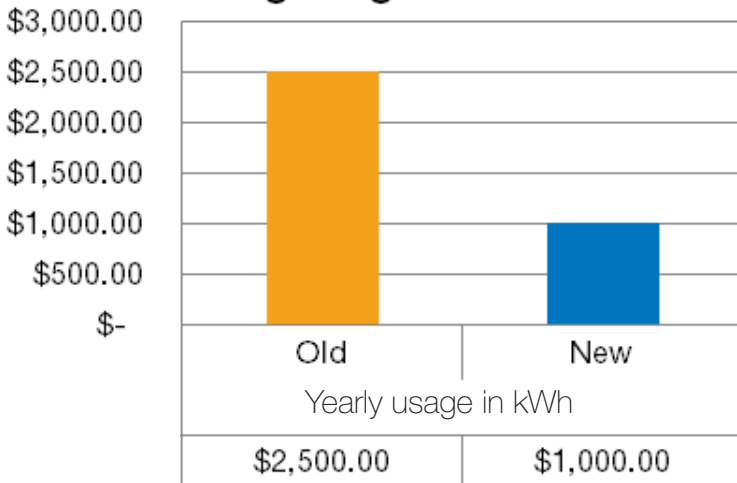
Liana's Boutique is a retail fashion shop in Sydney Road Brunswick. Good lighting is critical for the presentation of the garments in the shop. Originally 50 watt halogen down lights were used to highlight the clothing and provide lighting.



As part of the Victorian Employers' Chamber of Commerce and Industry – Carbon Down "Paint the Town Green" project, MEFL changed the 50 watt halogen down lights to 20 watt IRC down lights. All this required was a simple bulb changeover straight into the existing light fitting. Liana's Boutique had 100 of the 50 watt halogen lights in their store. Lights were used for 50 hours each week for 50 weeks each year.

## The results

### Lighting Cost



### \$ Savings:

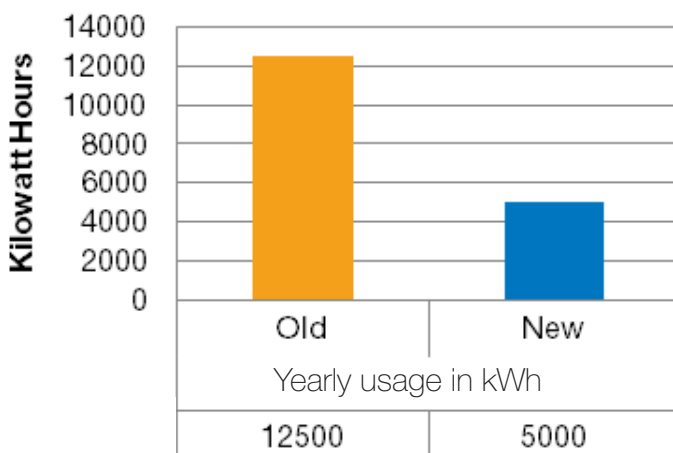
Liana's Boutique saves around \$1500 a year thanks to the down light bulb replacements.

There was no payback period for the bulbs as Liana is part of Carbon Down's free Paint the Town Green project.

However, if they did pay for the bulbs the pay back period would have been only 83 days, given 100 lights at \$5 each and an electricity charge of \$0.25 per kWh.

The great benefit of this switch is that bulbs can be installed without an electrician so there is no cost for installation.

### Energy Use



### Energy & greenhouse gas saving:

Energy used for lighting was reduced by nearly 70%, saving over 10 tonnes of greenhouse gas each year.

### Further information

For more information or to get involved in saving energy and money at your business contact Moreland Energy Foundation:

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