

Mims Boutique Eco Lighting Case Study

Mims Boutique – the leading light in handmade design!

Case Study Key Findings

- A **38%** reduction in electricity for lighting.
- A saving of over **\$387** each year on electricity.
- A reduction of **3.1 tonnes** of CO² emissions per year.
- On top of that, there are savings of **\$180** each year in maintenance costs.
- A return on investment in just under two years.
- Total cost of the retrofit was **\$997**.

About Mims Boutique

Mims Boutique located at 138A Burgundy Street, Heidelberg has a range of designer clothes, jewellery and bags.

Before the Eco Lighting Retrofit

Prior to the eco lighting retrofit, Mims Boutique's annual electricity bill for lighting was **\$1,020**



After the Eco Lighting Retrofit

After conducting a systematic lighting audit, the energy consumption for lighting at Mims Boutique was reduced by **38%**. Table One below shows the lights that were replaced during the retrofit, including the details about the globes replaced and the wattage per globe.

Location	Original Item	No.	Consumption	Total	Efficient Lighting	No.	Consumption	Total
			Power (W)		Replacement Item		Power (W)	
Main Shop	50w MR 16 60deg	33	55	1815	35w MR IRC 60deg	33	40	1320
	60w LGLS	1	60	60	15w CLA CFL w/w	1	15	15
Front Window	80w R80	3	80	240	5w LED non-dim w/w	3	5	15
Storeroom	36w T8 Fluoro	1	40	40	28w T5 Fluoro	1	30	30
Rear Hall	60w GLS	1	60	60	11w CLA CFL w/w	1	11	11
Toilets	60w GLS	1	60	60	11w CLA CFL w/w	1	11	11
Kitchenette	60w GLS	1	60	60	11w CLA CFL w/w	1	11	11
Total				2335				1413

Table One: Original and efficient lighting replacements during the retrofit

Tami Wong, owner, Mims Boutique said, “The eco lighting retrofit process was very smooth and the new lighting looks great”.

Tami added, “Seriously, you can’t tell the difference, despite a 38% reduction in electricity for lighting”.

Mims Boutique has reduced its lighting costs by **\$567** a year (cost of electricity and maintenance), with substantially less impact on the environment with a saving of **3.1 tonnes** of CO² emissions per annum.



About the Eco Lighting for Victorian Business Project

The Eco Lighting for Victorian Business Project aims to demonstrate the latest energy saving lighting technologies to business and organisations. The Project is supported by the Victorian Government Sustainability Fund, managed by Sustainability Victoria.

The Project is funded by the Sustainability Fund with the management being conducted from the Environment Shop. Other partners include the Alternative Technology Association, the Cities of Darebin, Banyule and Hume, Moreland Energy Foundation (MEFL), Northern Area Greenhouse Alliance (NAGA), VECCI Grow Me the Money, Megaman Australia, CLA and Low Energy Developments.

