

Sight 'N' Sound Northcote Eco Lighting Case Study

Enhance Their Lifestyle With Music ...and Efficient Lighting

Case Study Key Findings

- A **79.7%** reduction in electricity for lighting.
- A saving of over **\$586** each year on electricity.
- A reduction of **36.2** 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 seven and a half years.
- Total retrofit costs: **\$5,750**.

About Sight 'N' Sound Northcote

Sight 'N' Sound Northcote is located at Shop 20 Northcote Plaza Shopping Centre, Northcote. The business specialises in customised audio-visual projects for commercial venues and private homes. Sight 'N' Sound Northcote has access to a wide range of top quality products from the world's leading manufacturers. Sight 'N' Sound provides the following products and services: Audio Equipment, Home Theatre, Video Equipment and Antennas.

Before the Eco Lighting Retrofit

Prior to the eco lighting retrofit, Sight N Sound's annual electricity bill for lighting was **\$735**.

After the Eco Lighting Retrofit

After conducting a systematic lighting audit, the energy consumption for lighting at Sight N Sound was reduced by **79.7%**. 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 Power (W)	Total	Efficient Lighting Replacement Item	No.	Consumption Power (W)	Total
Shop	T8 Fluoro 36W	37	40	1480	MR LED 6W	50	6	300

Table One: Original and efficient lighting replacements during the retrofit

Sight 'N' Sound Northcote has reduced its lighting costs by **\$766** a year (electricity and maintenance costs), with substantially less impact on the environment with a saving of **36.2** 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.



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