



embertec[®]

ENERGY EFFICIENT LIGHTING

Frequently asked questions

What is LED Lighting?

LED is an acronym for Light Emitting Diode. LED lights and tubes use diodes instead of gases or heated filaments to produce light, making them the most energy efficient lighting option available.

Are LED globes safe?

Yes, LED downlight globes emit 90% less heat than halogen globes. They reduce fire risk because they operate at a much lower temperature. They do not contain mercury or other harmful gases or emit any harmful UV rays.



Why should I change from halogen globes to LED downlight globes?

LED lights are highly energy efficient and produce high quality light with little heat. They produce 90% less heat compared to halogen globes; therefore saving on household cooling.

LED lights are an eco-friendly form of lighting as less energy used means less CO₂ emissions. Installing LED lights means that you can reduce the energy used for lighting by 80%*. Embertec LED downlight globes have a lifespan of 15 years*.

How much of my electricity bill is lighting?

Lighting can significantly contribute to the total household electricity bill!

By replacing your inefficient light globes with energy efficient and cost effective LED downlight globes you can reduce your electricity bill and your carbon footprint.

How to calculate the cost of running a light globe?

To calculate the cost of running a light globe, multiply the globe wattage by the hours used, then divide by 1,000 and multiply by your local energy cost per kWh;

eg. 50w x 5 hours divided by 1,000 x \$0.26kWh = \$0.065 per day (\$ 23.72 per year).

What are the benefits of changing to LED's?

The benefits of LED Lighting are endless. LED lights are energy efficient, they reduce



Maximum Savings, Zero Effort!

Phone: 1300 033 367

Email: customerservice@embertec.com



power consumption by over 80%* compared to halogen globes. They are cost effective, durable and have a long lifespan. They generate little heat compared to halogen globes. Embertec LED downlight globes come with a three year warranty.

Do LED globes cost more than halogen globes?

Investing in Embertec LED downlight globes will ensure energy savings and the globes will pay for themselves in just over a year through savings on energy bills. Embertec LED downlight globes have a lifespan of 15 years*.

Is it difficult to replace halogen downlight globes with LED downlight globes?

Replacing your halogen globes with energy efficient LED downlight globes is easy. The Embertec LED downlight globe is designed to fit most halogen fittings. Embertec LED downlight globes will be installed for you by a licenced electrician.

Can my LED globes be used with a dimmer?

Yes, Embertec have specific LED downlight globes to work with dimmers.

How long will my LED downlight globe last?

Embertec LED downlight globes have a lifespan of 15 years*.

What qualifications do the installers have?

Our chosen installation partners will use licenced electricians to install Embertec LED downlight globes.

Do Embertec LED downlight globes come with a warranty?

Yes, Embertec LED downlight globes come with a three year warranty.

What will happen to my old halogen globes?

The used halogen globes will be taken away for you and recycled; this ensures that the globes will not go into landfills, thus preventing the mercury contained in some globes harming the environment.

*Calculations are based on: 1. Lifecycle tests approved by the VEET Scheme. 2. Replacing 50 watt halogen downlight globes with 7 watt Embertec LED downlight globes. 3. The estimated ESC carbon abatement factors for the products used. 4. The Victorian greenhouse gas coefficient as at July 2011.



Maximum Savings, Zero Effort!

Phone: 1300 033 367 **Email:** customerservice@embertec.com