



LED globes

LEDs lights are up to 65% more efficient than incandescent globes and 25% more efficient than a Compact Fluorescent Lamp.

For example a pair of LED Tube lights will consume around 29 Watts for the pair (needing no ballast or starter to operate) when compared with a pair of standard fluorescent tubes which may use 85 Watts of energy of (2 by 36W tubes plus Ballasts and starters).

Suggested uses for EcoRiders energy efficient LEDs

- Use in offices, workshops, toilets, bathrooms, hallways, desk lamps, and as outdoor lighting.
- Replace Halogen down lights, fluorescent tubes and spotlights.
- Use LED spotlights in showcases, retail stores, galleries and cafes.
- Industrial sheds, factories, public buildings, schools, hospitals can all benefit from use of EcoRiders LED lights.

Safety and Electrical compliance

Put simply, electricity can kill! You should use a licensed electrician for any electrical work other than routine bulb or lamp cleaning or changing.

All EcoRiders LED products are safe during use as well as at the time of disposal. There are no toxins or dangerous parts in any of the almost unbreakable EcoRiders LED lighting range. Unlike conventional fluorescent lights LED Tube Lights do not require a "driver", "ballast" or "starter" to operate. If a new LED tube is being placed into an existing lamp base, it should have the ballast and starter removed from the existing fixture or have an approved wiring by-pass installed. This must be carried out by a qualified electrician in order to maintain the warranty over the product and also to ensure the safety for the homeowner and user.

Price

The price of EcoRiders energy efficient lighting products varies over time in line with international foreign exchange variations. We cannot control changes in international currency. Please contact us for a current price list.



Address and contact details

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Introducing EcoRiders
LED lights



Why choose EcoRider LEDs?

EcoRiders energy efficient lighting will

- reduce your electricity bill
- reduce your carbon emissions
- easily replace your existing lights

As the cost of energy skyrockets and community concern mounts over the impacts of climate change, the demand for energy efficient lighting is on the rise. EcoRiders is providing a range of products to help our customers contribute to a more sustainable planet.



EcoRiders energy efficient lighting products are selected for:

- Quality
- Affordability
- Longevity (up to 50,000 hours lamp life)
- Performance
- Energy efficiency
- Lack of toxic substances (No mercury)

LED lighting is much more energy efficient than almost all other existing light sources including fluorescent tubes, halogen lamps or even compact fluorescent lamps (CFLs).

EcoRiders energy efficient LEDs are designed to replace existing energy-hungry, climate damaging halogen down lights and spotlights, high intensity PAR lights, fluorescent tubes, and other globes in all commercial, domestic, outdoor and public settings.

What is an LED?

A Light Emitting Diode (LED) is a light source which is based on a semiconductor diode which, when the light switched on, glows in a process called electroluminescence.

LEDs were first invented in Russia in the 1920's, however were not widely used until the 1960's. LED technology and performance are rapidly improving and EcoRiders LED products present many advantages over traditional light sources such as Incandescent lights, Halogen lights, Sodium lights and most types of fluorescent lights.

Applications of LEDs are diverse. If you have a need for lighting it is most probable there is an energy efficient EcoRider LED product that can do the job you need and shine a bright future on your home, office, workplace or club.



LED 'fluorescent' tube

Whole of life savings: The whole of life cost for LED products is at least 50% less than the whole of life cost of an equivalent existing non LED lighting device. As an example a single LED Tube light could yield save more \$260 in savings over the life of the LED tube as compared to the cost of operating and replacing a traditional fluorescent tube. In large commercial buildings imagine the savings!

EcoRiders energy efficient LED lighting come in a range of mounting types and light levels from Cool White through Warm White to Bright White. The wide range of light types, and brightness enable EcoRiders to provide suitable products for the widest possible range of uses and users needs.

EcoRiders LED products comply with

- All relevant Australian standards
- All relevant International standards

LED benefits and features

Longevity: The manufacturers of our products claim the life expectancy of a globe or lamp to be up to 50,000 operating hours, or eight times longer life than a CFL or fluorescent tube. If your lamp shines for 8 hours per day, seven days per week, the life expectancy could be as long as 17 years!

Energy efficiency: LEDs lights are up to 65% more efficient than incandescent globes and 25% more efficient than a Compact Fluorescent Lamp.

Toxicity: LED products contain NO toxins unlike standard fluorescent tubes and compact fluorescent lamps which contain mercury and phosphor powder.

Greenhouse gas emission reduction: EcoRiders LED lighting is at least three times more climate friendly than non-LED lighting. Over the life of an LED Tube light about 457 Kg of greenhouse gas will be generated by the energy used to power the lamp. For a standard fluorescent tube, a whopping 1,403 kg of greenhouse gas will be generated by power consumption of the tube over an equivalent operating life.

Heat efficiency: Heat produced from a light is wasted energy. LED lights produce very little heat, and certainly much less than other lighting forms. This can reduce demand for air conditioning and it's associated costs.