

LAMP & TUBE RECYCLING



Our Commitment to Sustainable Recycling

KOALA LIGHTS is dedicated to the environmentally responsible disposal and recycling of all lighting waste. We actively encourage and support our customers to do the same.

We are a signatory Supplier & Collector Facilitator to the **Lighting Council of Australia's FluoroCycle initiative**, a voluntary product stewardship scheme aimed at increasing the national recycling rate of waste mercury-containing lamps. Recycling these lamps helps minimize the release of mercury into the environment.

Our Responsibilities as a FluoroCycle Facilitator

As part of our commitment to FluoroCycle, KOALA LIGHTS will:

- Recycle all waste mercury-containing lamps at designated collection sites.
- Include recycling requirements in relevant contracts.
- Promote the FluoroCycle scheme to our clients and networks.
- Adhere to FluoroCycle Guidelines and Branding Guide.
- Maintain and enforce occupational health and safety policies for safe lamp handling, collection, and transport.
- Provide staff training and induction to ensure compliance.
- Cooperate with random and/or risk-based audits or surveys.
- Submit an annual statement of compliance.

For more details on FluoroCycle, visit:

fluorocycle.lightingcouncil.com.au

KOALA - Recycling Collection Services

Collection & Drop-Off Options

KOALA LIGHTS offers two convenient lamp recycling services:

1. **On-Site Collection:** We collect lighting waste from your premises.
2. **Drop-Off Service:** Customers can bring their waste lamps to our branches (location-dependent).

To arrange a collection or discuss pricing, contact:

- **Sydney Branch:** (02) 9552 1212
- **Brisbane Branch:** (07) 3252 2348

Recycling Certificates

Upon completion and invoicing of a recycling collection, we issue a **Recycling Certificate** to assist customers in meeting sustainability commitments, tender requirements, and environmental policy targets.

Recycling FAQs

Why Recycle Waste Lights?

- Mercury in landfill can convert into toxic **Methyl Mercury**, contaminating air, soil, and waterways. One fluorescent tube contains enough mercury to pollute **30,000 litres of water** beyond safe drinking levels.
- Recycling conserves valuable materials such as **mercury, aluminium, and phosphor**, reducing the energy needed for new material extraction.

Who Recycles the Lamps and Tubes?

KOALA LIGHTS partners with **EcoCycle**, acting as a collection agent while EcoCycle manages the recycling process: www.ecocycle.com.au

How Does the Recycling Process Work?

- Components are separated and isolated.
 - Mercury is safely removed, cleaned, and distilled for reuse.
 - Recovered materials are repurposed into new products.
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Types of Lamps Accepted for Recycling

We accept **all types of lighting waste**, including:

- Fluorescent tubes (all sizes & shapes)
- Compact fluorescent lamps (CFLs)
- Mercury vapour, metal halide, and sodium lamps
- Neon lights, halogen downlights, ultraviolet lights
- Incandescent globes, heat lamps, projector lamps

What Happens to Recycled Components?

- **Glass** → Used for insulation, concrete products, pool render, and bitumen.
- **Metals** → Recycled as scrap metal.
- **Mercury** → Repurposed for dental amalgam.
- **Phosphor powder** → Recycled into new fluorescent powder.

All materials are diverted from landfill, minimizing environmental impact.

Why Is There a Recycling Cost?

Processing and repurposing waste lamps is **more expensive** than the value of the recovered materials. Fees cover collection, sorting, and processing costs. KOALA LIGHTS do not profit from recycling; our goal is to recover costs while promoting sustainable waste management.

Contact Us

For further inquiries, contact our friendly team at KOALA LIGHTS.

This document outlines KOALA LIGHTS' commitment to sustainable recycling. By choosing to recycle with us, you contribute to environmental protection and responsible waste management. Thank you for your support!