

Where can I take my old fluorescent tubes and CFL globes?

You can drop your old fluorescent lighting at the following recycling centres:

Tamala Park Recycling Centre

1700 Marmion Avenue

Mindarie WA 6030

Tel: 9306 6303

Open to the public from Tuesday to Sunday (closed Mondays), 7am to 4.45pm (with the exception of Christmas Day, New Years Day and Good Friday).

Recycling Centre Balcatta

238 Balcatta Road

Balcatta WA 6021

Tel: 9345 8555

Open to the public from Monday to Sunday, 7.30am to 4pm (with the exception of Christmas Day, New Years Day and Good Friday).

Special Recycling Boxes

Special recycling boxes are also available at locations throughout the Perth Metro area. Contact your local council for disposal information.

Household Hazardous Waste (HHW) Disposal Days

Check with your local council for the next HHW day near you.

Reduce, Reuse,
Recycle, and
Dispose Wisely



What is the Mindarie Regional Council?

The Mindarie Regional Council is a waste management authority that handles disposal of waste for the Cities of Joondalup, Perth, Stirling, Wanneroo and the Towns of Cambridge, Victoria Park and Vincent.



Reducing, Reusing, Recycling

Mindarie Regional Council Waste Education

Tamala Park

1700 Marmion Avenue

Mindarie WA 6030

Phone: 9306 6348 or 9306 6303

Fax: 9306 6399

Email: reception@mrc.wa.gov.au

www.mrc.wa.gov.au

Fluorescent Lighting



- ✓ Energy saving
- ✓ Long life
- ✓ Recyclable



Tel: 9306 6303

www.mrc.wa.gov.au

Why recycle fluorescent lights?



Fluorescent lights include tubes and compact fluorescent lamps (CFLs). They are great energy savers and are long-lasting. Over their lifespan they can save you a lot of money. However, they do contain small

amounts of toxic mercury that can be harmful to humans and the environment.

With the phasing out of incandescent light globes there will be increasing numbers of fluorescent tubes and CFLs used in households and businesses. Over time these will eventually make their way into the waste stream resulting in a greater volume of mercury, with a potentially bigger impact on the environment.

In order to protect the environment it is important to ensure that fluorescent lights are disposed of correctly and not placed in household bins.

Do not place fluorescent tubes or CFLs in your general rubbish bin:

If you do the mercury, a toxic chemical, could find its way into the environment.

Many councils, including those of the MRC, use the waste in these bins as feedstock for Resource Recovery Facilities (RRFs). Fluorescent lights in these bins could cause contamination of the compost produced.

Do not place fluorescent tubes or CFLs in your recycling bin:

Although the lights can be recycled they cannot be processed at the facility which deals with the items in yellow top bins. If the fluorescent tubes or CFLs are placed in these bins they will contaminate the recycling process and will end up in landfill.



Benefits of recycling fluorescents

- ◆ Reduces emissions of mercury into the environment.
- ◆ Recovers resources such as glass, aluminium, mercury and phosphorous.

How are the fluorescent lights recycled?

Fluorescent tubes and CFLs are safely recycled in a process that crushes and separates the materials and importantly captures the mercury. The materials that make up the fluorescent lighting are transformed into clean, usable products.

What are the recycled fluorescent lights made into?

Glass	Glass wool to make insulation batts for home and commercial use.
Aluminium	Cast into ingots for re-use in aluminium products, such as window frames.
Mercury	Used in dentistry, as amalgam fillings.
Phosphor powder	Used in the manufacture of fertilizer products.