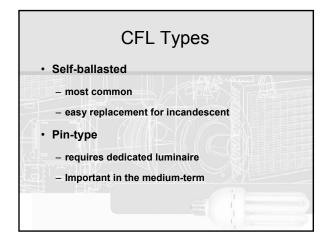
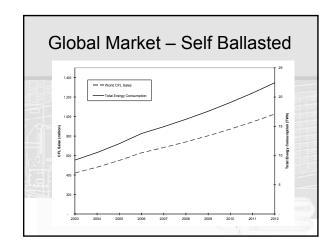
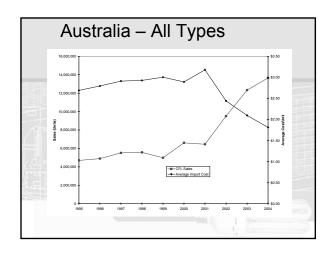
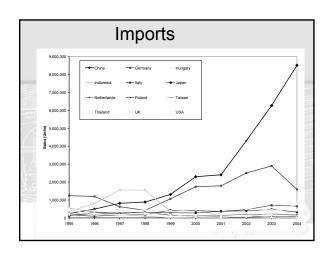


# Contents Product description Market profile Existing Australian standards The role of MEPS & labelling programs Overseas CFL MEPS programs Overseas CFL labelling programs NAEEEC plan









# Key Issues

- · Sales increasing
- Prices falling
- · Quality issues
- · Risk of consumer dissatisfaction
- · Hard to restore confidence once damaged
- · Governments/utilities wary of promoting
- · New survey to be conducted in next month
  - Consumer expectations and experiences

# **Existing Australian Standards**

- AS/NZS 60969 (2001): Self ballasted lamps for general lighting services – Performance requirements
- AS/NZS 60901 (2003): Single capped fluorescent lamps – Performance specifications
  - This covers all single-capped fluorescent lamps with an external ballast (ie. pin-type)

# O/S MEPS Programs

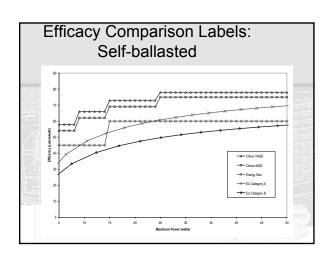
	China	South Korea	Japan	Mexico
Coverage - Self-ballasted	•	•	•	•
Coverage - Pin-type	•		•	
Efficacy	•	•	•	•
Lumen Maintenance				
Lifetime &/or Lifetime Guarantee	•			
Colour Rendering	•			

# O/S Labelling Programs

- UK Energy Saving Trust
- · European Quality Charter
- US Energy Star
- · Hong Kong SAR
- · Taiwanese GreenMark
- Environmental Choice Canada
- · China CECP
- · IFC/ELI
- Procel (Brazil)
- · EGAT (Thailand)
- South Korea
- Philippines

## Core Performance Criteria

- Efficacy
- · Lumen Maintenance
- · Rated Average Lifetime
- · CFL Lifetime Claims
- Power Factor
- Colour rendering
- Mercury level
- · GLS Equivalence
- · Start-up time
- · Test Method



## International Harmonisation

- · Rationalise and harmonise the many test and performance standards in existence today
- Benefits for manufacturers/importer
  - fewer compliance tests
  - ? Single lamp for all voltage/frequency combos
- · Benefits for regulators
  - Tested at source
  - Marked with compliance level
- Launch at a special session hosted by Australia at the Right Lights 6 Conference in Shanghai in May 2005
- If supported by sufficient countries, harmonisation will be achieved over the following three years

### International Harmonisation

Currently supported by:

- Australia
- China
- ELI
- United States
- EU
- Several major manufacturers

# NAEEEC Plan

- Implement MEPS and an endorsement label for self-ballasted CFLs
  - Base on existing Australian test method AS/NZS 60969 (2001)
- · Performance levels aligned with China
  - May change during time taken to develop the Australian program
- Pursue plans for the international harmonisation of test and performance standards at the Right Light 6 conference in Shanghai in May 2005
- · Consult stakeholders, including the US EPA, on whether the endorsement label used should be either Energy Star or TESAW
- Consider introducing MEPs and an endorsement label for pin-type CFLs within 3 years