



Lighting Council Australia

PRESENTATION TO GLOBAL LAMP FORUM

Sydney

6/7 June 2011



Topics

- Introduction to Lighting Council Australia
- LEDs
- Mercury
- Australia's Inefficient Lamp Phase-out Timetable

Lighting Council Australia



Lighting Council
AUSTRALIA

- Peak body for Australia's lighting industry
- Formed in 2001
- 76 member companies
 - luminaire manufacturers/suppliers
 - lamp suppliers
 - control gear manufacturers/suppliers
 - retailers
- Code of Conduct binding on all members
 - emphasis on supply of energy efficient, safe product that conforms to Australia's regulatory requirements
- Sub-industry Groups
 - Lamp Suppliers Sub-industry Group
 - SSL Sub-industry Group
 - Lighting Controls Sub-industry Group
 - Emergency Lighting Sub-industry Group



Current Major Issue

- Poor quality LEDs
- Lighting Council has introduced a labelling-based certification program
- Lobbying Australian Government to address erroneous claims
- Educating the marketplace



Brand Name
Supplier/Product ID XXX/XXXXX

LED Performance

Solid State Lighting Luminaire

Luminous Flux 840lm
Luminous Efficacy 93lm/W

INPUT POWER 9W
TEST VOLTAGE 230V AC

Colour
Correlated Colour Temperature (CCT) 3100K
Colour Rendering Index (CRI, Ra) 87



VISIT
www.lightingcouncil.com.au
for the Label Reference Guide

The specifications above are contained in certified or accredited reports provided to Lighting Council Australia Ltd by the manufacturer/supplier of this product. Lighting Council Australia makes no representation as to the product's specification or suitability.



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LED Performance

Solid State Lighting Luminaire

Luminous Flux 840 lm
Luminous Efficacy 93 lm/W

INPUT POWER 9 W
TEST VOLTAGE 240

Correlated Colour Temperature 3100 K
Colour Rendering Index (CRI, Ra) 87

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SSL Quality

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Luminous Flux 840 lm

Luminous Efficacy 93 lm/W

CCT 3100 K | 87 CRI

Input Power 9 W
TEST VOLTAGE 240



Mercury Issue

- Public interest in health and environmental issues associated with Hg in CFLs diminishing
- LCA administers FluoroCycle on behalf of Australian Government
 - voluntary scheme for recycling Hg-containing lamps in commercial sector
 - users pay for recycling – not LCA members
- Product stewardship legislation will be enacted shortly – LCA will need to continue FluoroCycle when government funding finishes



Mercury Issue (cont.)

- New standard requires Hg labelling on CFLi packaging
- Lighting Council's preferred labelling is:
 - “Contains maximum 5mg mercury”
 - or
 - “Lamp mercury content is x.x mg”
(Eu requirement)

Australian MEPS Regime



Lamp types	Sales Restricted From
<ul style="list-style-type: none">•Tungsten incandescent GLS Lamps•ELV halogen non-reflector	1 November 2009
<ul style="list-style-type: none">•>40W candle, fancy round and decorative lamps•ELV halogen reflector	October 2010
<ul style="list-style-type: none">•Mains voltage halogen non-reflector	1 January 2011
<ul style="list-style-type: none">•Mains voltage reflector lamps including halogen (PAR, ER, R etc)•>25W candle, fancy round and decorative lamps	October 2012
<ul style="list-style-type: none">•Pilot lamps 25W and below	To be determined dependent on availability of efficient replacement products
<ul style="list-style-type: none">•50 W halogen	April 2012 (new regime: max 37 W)