



World Customs Organisation Harmonised System

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Australian Government



Harmonised System Codes

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- World HS number is 6 digits long: AABBC
- System divided into Sections: based on degree of manufacture
- HS Code:
 - Chapter AA
 - Heading AAB
 - Subheading AABBC

Additional national statistical codes

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- Additional 4 digits at end of code provide opportunity for national refinement of product description.

HS Nomenclature 2012 Edition

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http://www.wcoomd.org/en/topics/nomenclature/instrument-and-tools/hs_nomenclature_2012/hs_nomenclature_table_2012.aspx

SECTION XVI

- **MACHINERY AND MECHANICAL APPLIANCES; ELECTRICAL EQUIPMENT; PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES**
- Chapters 84 & 85

Chapter 85

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Electrical machinery and **equipment and parts thereof**; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles

■ 85.13

Portable electric lamps designed to function by their own source of energy (for example, dry batteries, accumulators, magnetos), other than lighting equipment of heading 85.12.

- 8513.10 - Lamps
- 8513.90 - Parts

Chapter 85

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■ 85.39

Electric filament or discharge lamps, including sealed beam lamp units and ultra-violet or infra-red lamps; arc-lamps.

- 8539.10 - Sealed beam lamp units

Other filament lamps, excluding ultra-violet or infra-red lamps :

- 8539.21 - Tungsten halogen
- 8539.22 - Other, of a power not exceeding 20 W and for a voltage exceeding 100 V
- 8539.29 - Other

Chapter 85

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■ 85.39

Discharge lamps, other than ultra-violet lamps :

- 8539.31 - **Fluorescent**, hot cathode
- 8539.32 - **Mercury or sodium vapour lamps; metal halide lamps**
- 8539.39 – Other

Ultra-violet or infra-red lamps; arc-lamps :

- 8539.41 - Arc-lamps
- 8539.49 – Other

- 8539.90 - Parts

Chapter 85

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■ 85.41

Diodes, transistors and similar semiconductor devices; photosensitive semiconductor devices, including photovoltaic cells whether or not as assembled in modules or made up into panels; **light emitting diodes**; mounted piezo-electric crystals.

- 8541.10 - Diodes, other than photosensitive or light emitting diodes

Transistors, other than photosensitive transistors :

- 8541.21 - With a dissipation rate of less than 1 W
- 8541.29 – Other

Chapter 85

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- 85.41
 - 8541.30 -Thyristors, diacs and triacs, other than photosensitive devices
 - 8541.40 - Photosensitive semiconductor devices, including photovoltaic cells whether or not as assembled in modules or made up into panels; **light emitting diodes**
 - 8541.50 - Other semiconductor devices
 - 8541.60 - Mounted piezo-electric crystals
 - 8541.90 - Parts

Chapter 94

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Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, not elsewhere specified or included; illuminated signs, illuminated name-plates and the like; prefabricated buildings

■ 94.05

Lamps and lighting fittings including searchlights and spotlights and parts thereof, not elsewhere specified or included; illuminated signs, illuminated name-plates and the like, having a permanently fixed light source, and parts thereof not elsewhere specified or included.

Chapter 94

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- 94.05
 - 9405.10 - Chandeliers and **other electric ceiling or wall lighting fittings**, excluding those of a kind used for lighting public open spaces or thoroughfares
 - 9405.20 - Electric table, desk, bedside or floor-standing lamps
 - 9405.30 - Lighting sets of a kind used for Christmas trees
 - 9405.40 - **Other electric lamps and lighting fittings**
 - 9405.50 - Non-electrical lamps and lighting fittings
 - 9405.60 - Illuminated signs, illuminated name-plates and the like

Parts :

- 9405.91 - Of glass
- 9405.92 - Of plastics
- 9405.99 - Other

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Additional national statistical codes - Australia

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■ 853921 - Tungsten halogen filament lamps

(excl. ultra-violet or infra-red)

8539210050 - with reflector, $\leq 13V$

8539210051 - with reflector, $> 13V$ but $\leq 200V$

8539210052 - with reflector, $> 200V$

8539210053 - without reflector, $\leq 13V$ for motor vehicles

8539210054 - without reflector, $\leq 13V$ other than for motor vehicles

8539210055 - without reflector, $>13V$ but $\leq 200V$

8539210056 - without reflector, $>200V$

Additional national statistical codes - Australia

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■ 853931 - fluorescent

8539310036 - Straight type (incl. halo-phosphate and triphosphor) fluorescent, hot cathode discharge lamps, not exceeding 600 mm nominal length (excl. ultra-violet lamps)

8539310040 - Straight type (incl. halophosphate and triphosphor) fluorescent, hot cathode discharge lamps of 1200 mm nominal length (excl. ultra-violet lamps)

8539310043 - Fluorescent, hot cathode discharge lamps (incl. compact fluorescent discharge lamps and excl. straight type fluorescent discharge and ultra-violet lamps)

8539310044 - Fluorescent, hot cathode discharge lights, straight type, (excl. those of nominal length 600 mm or less, or of 1,200 mm)

Feedback from industry members

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LED product	HS Codes used	Basic descriptor
LED Bulbs	85 41 40	8541.40 - Photosensitive semiconductor devices, including photovoltaic cells whether or not as assembled in modules or made up into panels; light emitting diodes
	85 39 39	Discharge lamps, other than ultra-violet lamps : 8539.39 – Other
LED tubes	85 39 31	Discharge lamps, other than ultra-violet lamps : 8539.31 - Fluorescent , hot cathode

Feedback from industry members

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LED product	HS Codes used	Basic descriptor
LED downlights	85 39 39	Discharge lamps, other than ultra-violet lamps : 8539.39 – Other
LED cables/tapes	85 44 42	85.44 Insulated (including enamelled or anodised) wire, cable (including co-axial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fibre cables, made up of individually sheathed fibres, whether or not assembled with electric conductors or fitted with connectors. 8544.42 - Fitted with connectors

Feedback from industry members

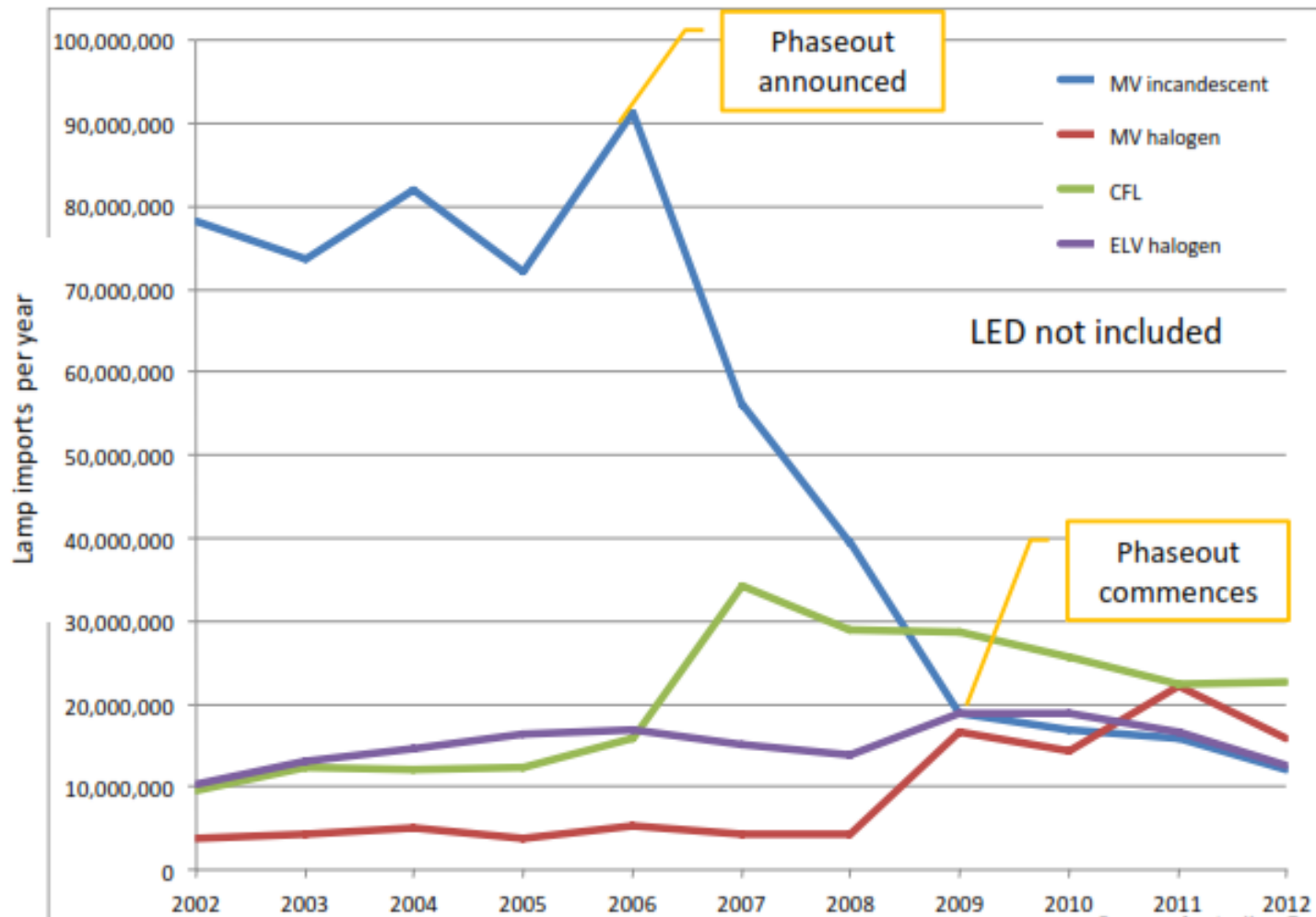
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LED product	HS Codes used	Basic descriptor
All LED products	94 05 40	Lamps and lighting fittings including searchlights and spotlights and parts thereof, not elsewhere specified or included; 9405.40 - Other electric lamps and lighting fittings

Are these products what they say they are?

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Results: Australian yearly import data



Is there an opportunity to work together here?

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1. Approach the World Customs Organisation for a classification decision at the next Session of the Harmonized System Committee for various LED products
2. Once (1) has been achieved create harmonised statistical codes (last 4 digits) to assist with analysing LED product import/export markets
3. Investigate the opportunity to develop new HS codes for LED lighting products (takes 2 to 3 years from approval date)