

Classification of articles in the HIGH-TECH area

Tom Beris

WCO Tariff and Trade Affairs Directorate



2014 WCO KACT

Classification of articles in the High-tech area



- Touch-sensitive screens and devices
- Monitors
- LED products



2014 WCO KACT

Classification of articles in the High-tech area



Touch-sensitive screens and devices



Screens



Displays



2014 WCO KACT

Classification of articles in the High-tech area



Touch-sensitive screens



A transparent touch screen laminated with protective glass. It can be adopted with a lot of displaying apparatus such as ATMs, KIOSKs, POSes and monitors. As being presented, the subject article does not have any clear reference of a specific use.



A touch screen laminated with tempered cover glass. It is cut in a shape of the front face of a specific mobile phone with two holes, one for the main button and the other for a speaker. It is also equipped with a flexible printed circuit board (FPCB) with a mounted touch integrated circuit (IC). It is used for a specific mobile phone. It has no function of displaying.



2014 WCO KACT

Classification of articles in the High-tech area



Touch-sensitive screens



Headings under consideration :

84.71 (*input units of ADP machines*)

85.37 (*panels for electric control*)

OR

As parts of machines (Note 2 (b) or (c) to Section XVI), e.g. :

85.17 (*parts of mobile phones*)

85.29 (*parts of monitors, TV sets*)

85.48 (*other electric parts*)





2014 WCO KACT

Classification of articles in the High-tech area



Touch-sensitive screens



Store No : 70660

8537.10

GIRs 1 (Note 2 (a) to Section XVI) and 6



8517.70

GIRs 1 (Note 2 (b) to Section XVI) and 6

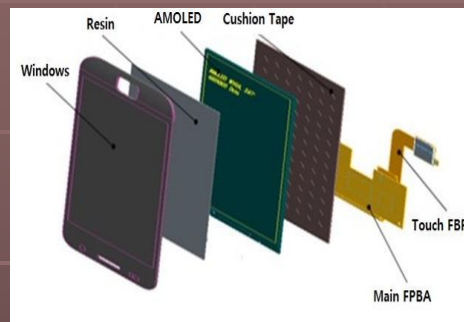


2014 WCO KACT

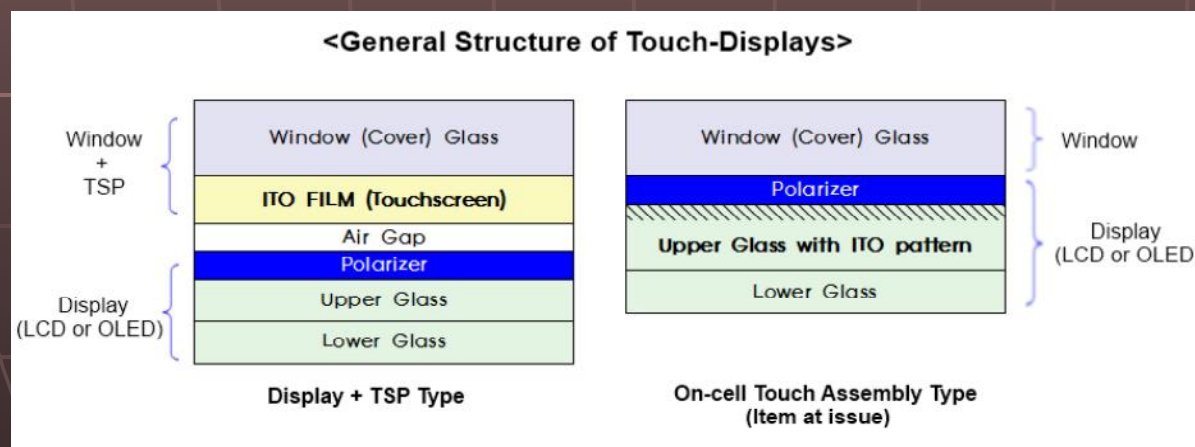
Classification of articles in the High-tech area



Touch-sensitive displays



On-cell TSP AMOLED (OCTA) display





2014 WCO KACT

Classification of articles in the High-tech area



Touch-sensitive displays



Headings under consideration :

84.71 (*input units of ADP machines*)

85.37 (*panels for electric control*)

OR

As parts of machines (Note 2 (b) or (c) to Section XVI), e.g. :

84.73 (*parts of ADP machines*)

85.17 (*parts of mobile phones*)

85.48 (*other electric parts*)



2014 WCO KACT

Classification of articles in the High-tech area



Touch-sensitive displays



8517.70

GIRs 1 (Note 2 (b) to Section XVI) and 6



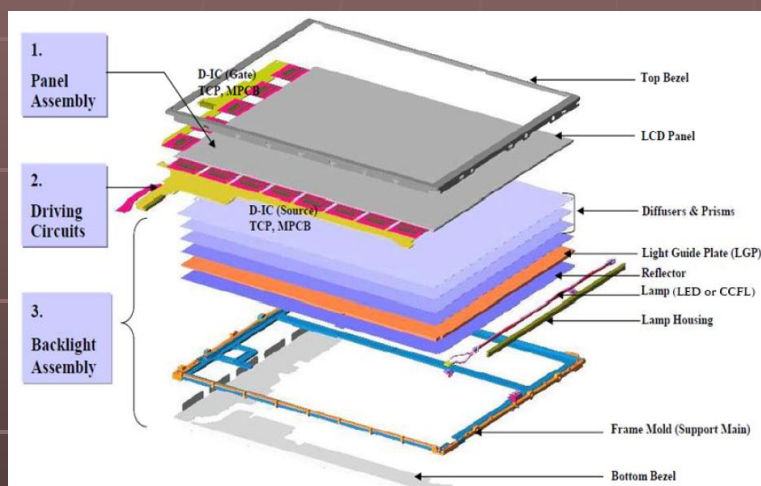
2014 WCO KACT

Classification of articles in the High-tech area



Possible amendments for 2022

Flat Panel Display Modules



MOBILE	NOTE PC	MONITOR	TV & AV
			
<u>85.17</u>	<u>84.73</u>	<u>85.29</u>	<u>85.29</u>
			





2014 WCO KACT

Classification of articles in the High-tech area



Possible amendments for 2022

Flat Panel Display Modules – *new proposal*

Possible new heading 85.24

85.24 Flat panel display devices and modules, other than those of heading 85.28 and 85.40, whether or not incorporating touch-sensitive screens

Option 1

- [- *With a displaying diagonal not exceeding 20 cm :*
- 8524.11 -- *Of liquid crystals*
- 8524.12 -- *Of organic [light-emitting diodes][electro-luminescence]*
- 8524.19 -- *Other*
- *Other :*
- 8524.21 -- *Of liquid crystals*
- 8524.22 -- *Of organic [light-emitting diodes][electro-luminescence]*
- 8524.29 -- *Other]*
- *Parts*
- 8524.91 -- *Backlight units for liquid crystal displays*
- 8524.99 -- *Other*



2014 WCO KACT

Classification of articles in the High-tech area



Possible amendments for 2022

Flat Panel Display Modules – *new proposal*

Possible new heading 85.24

85.24 Flat panel display devices and modules, other than those of heading 85.28 and 85.40, whether or not incorporating touch-sensitive screens

Option 2

- [- *Without drivers or control circuits :*
- 8524.11 -- *Of liquid crystals*
- 8524.12 -- *Of organic [light-emitting diodes][electro-luminescence]*
- 8524.19 -- *Other*
- *Other :*
- 8524.21 -- *Of liquid crystals*
- 8524.22 -- *Of organic [light-emitting diodes][electro-luminescence]*
- 8524.29 -- *Other]*
- *Parts*
- 8524.91 -- Backlight units for liquid crystal displays*
- 8524.99 -- Other*



2014 WCO KACT

Classification of articles in the High-tech area



Questions ?



2014 WCO KACT

Classification of articles in the High-tech area



Monitors

Background HS 2002

Monitors presented separately : 84.71, 85.28 or ???

➤ **84.71 :**

- ***Separately presented units of ADP machines***
- ***Meeting all the conditions of Note 5 (B) to Ch. 84, i.e., :***
 - (i) *It is of a kind solely or principally used in an ADP system;*
 - (ii) *It is connectable to the central processing unit; and*
 - (iii) *It is able to accept or deliver data in a form (codes or signals) which can be used by the system.*

➤ **85.28 : video monitors**

➤ **Heading ??? : otherwise**



2014 WCO KACT Classification of articles in the High-tech area



Monitors

Since 1 January 2007

All monitors presented separately ⇒ 85.28

(Note 5 (D) (v) to Chapter 84 - 84.71 does not cover monitors and projectors, not incorporating television reception apparatus)

Identification problem solved ???



2014 WCO KACT

Classification of articles in the High-tech area



Monitors

Structure of 85.28

- Cathode-ray tube monitors :
 - 8528.41 - - Of a kind solely or principally used in an automatic data processing system of heading 84.71
 - 8528.49 - - Other
- Other monitors :
 - 8528.51 - - Of a kind solely or principally used in an automatic data processing system of heading 84.71
 - 8528.59 - - Other
- ...



2014 WCO KACT

Classification of articles in the High-tech area



Monitors

Structure of 85.28

- Cathode-ray tube monitors :

8528.41 - - Of a kind solely or principally used in an automatic data processing system of heading 84.71

8528.49 - - Other

- Other monitors :

8528.51 - - Of a kind solely or principally used in an automatic data processing system of heading 84.71

8528.59 - - Other

...



2014 WCO KACT

Classification of articles in the High-tech area



Monitors

Structure of 85.28

- Cathode-ray tube monitors :

8528.41 - - Of a kind solely or principally used in an automatic data processing system of heading 84.71

8528.49 - - Other

- Other monitors :

8528.51 - - Of a kind solely or principally used in an automatic data processing system of heading 84.71

8528.59 - - Other

...



2014 WCO KACT

Classification of articles in the High-tech area



Monitors

Structure of 85.28

- Cathode-ray tube monitors :

8528.41 - - Of a kind solely or principally used in an automatic data processing system of heading 84.71

8528.49 - - Other

- Other monitors :

8528.51 - - Of a kind solely or principally used in an automatic data processing system of heading 84.71

8528.59 - - Other

...



2014 WCO KACT

Classification of articles in the High-tech area



Monitors

EN to 85.28

- *Monitors capable of accepting a signal **only** from the central processing unit of an ADP machine*
- ***Not able to reproduce a colour image from a composite video signal** whose waveform conforms to a broadcast standard (NTSC, SECAM, PAL, D-MAC, etc.)*



2014 WCO KACT

Classification of articles in the High-tech area



Monitors

EN to 85.28

- *Monitors capable of accepting a signal only from the central processing unit of an ADP machine*

NOT BINDING

NOT WRITTEN AT THE SUBHEADING

- *Not able to reproduce a colour image from a composite video signal whose waveform conforms to a broadcast standard (NTSC, SECAM, PAL, D-MAC, etc.)*

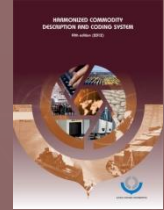
LEVEL

OBSOLETE



2014 WCO KACT

Classification of articles in the High-tech area



Monitors

- No further explanation
- National administrations may apply additional criteria to determine the scope of the term 'principally'



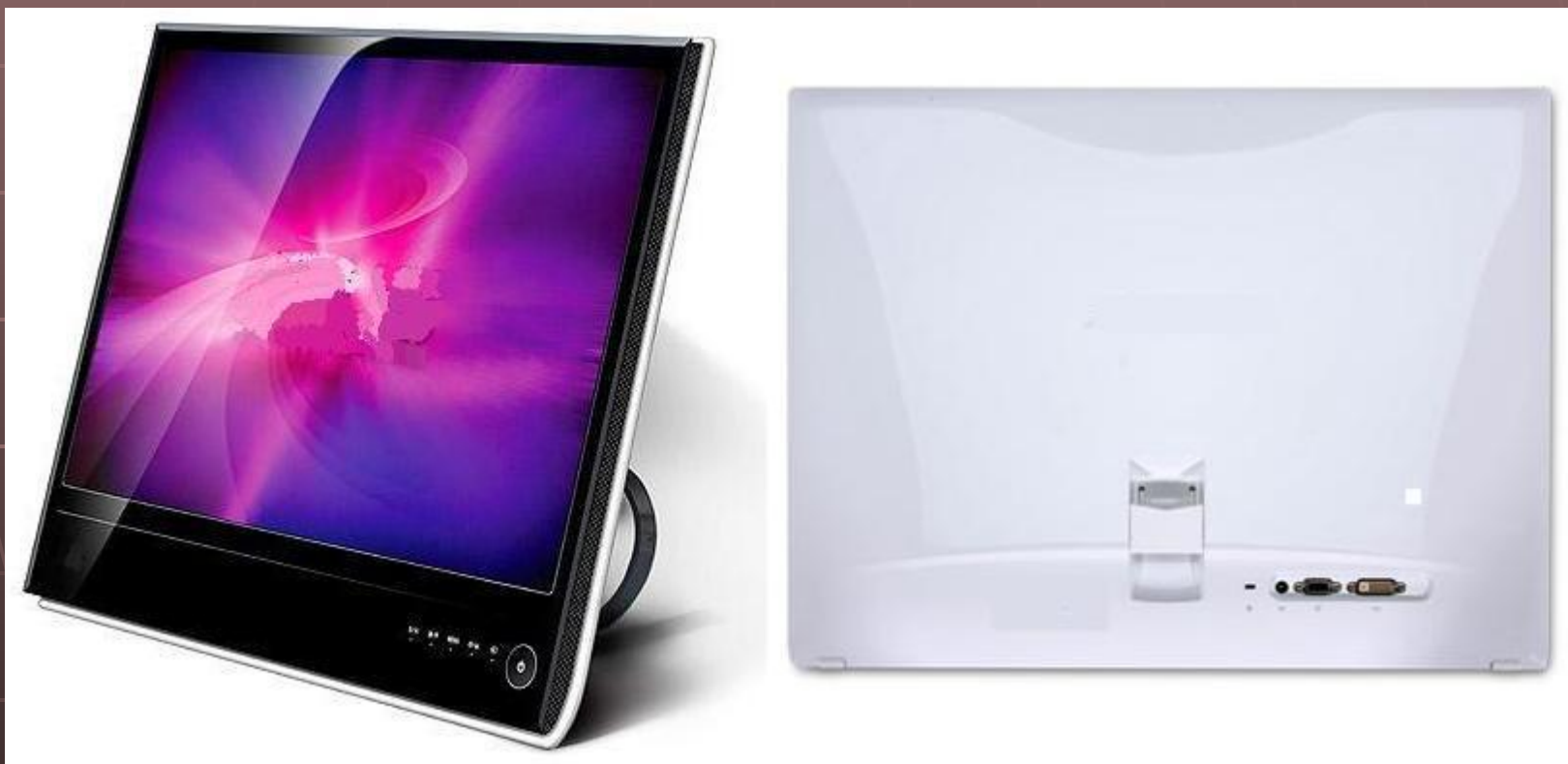
2014 WCO KACT

Classification of articles in the High-tech area



Monitors – HSC classification

Product 1 :





2014 WCO KACT

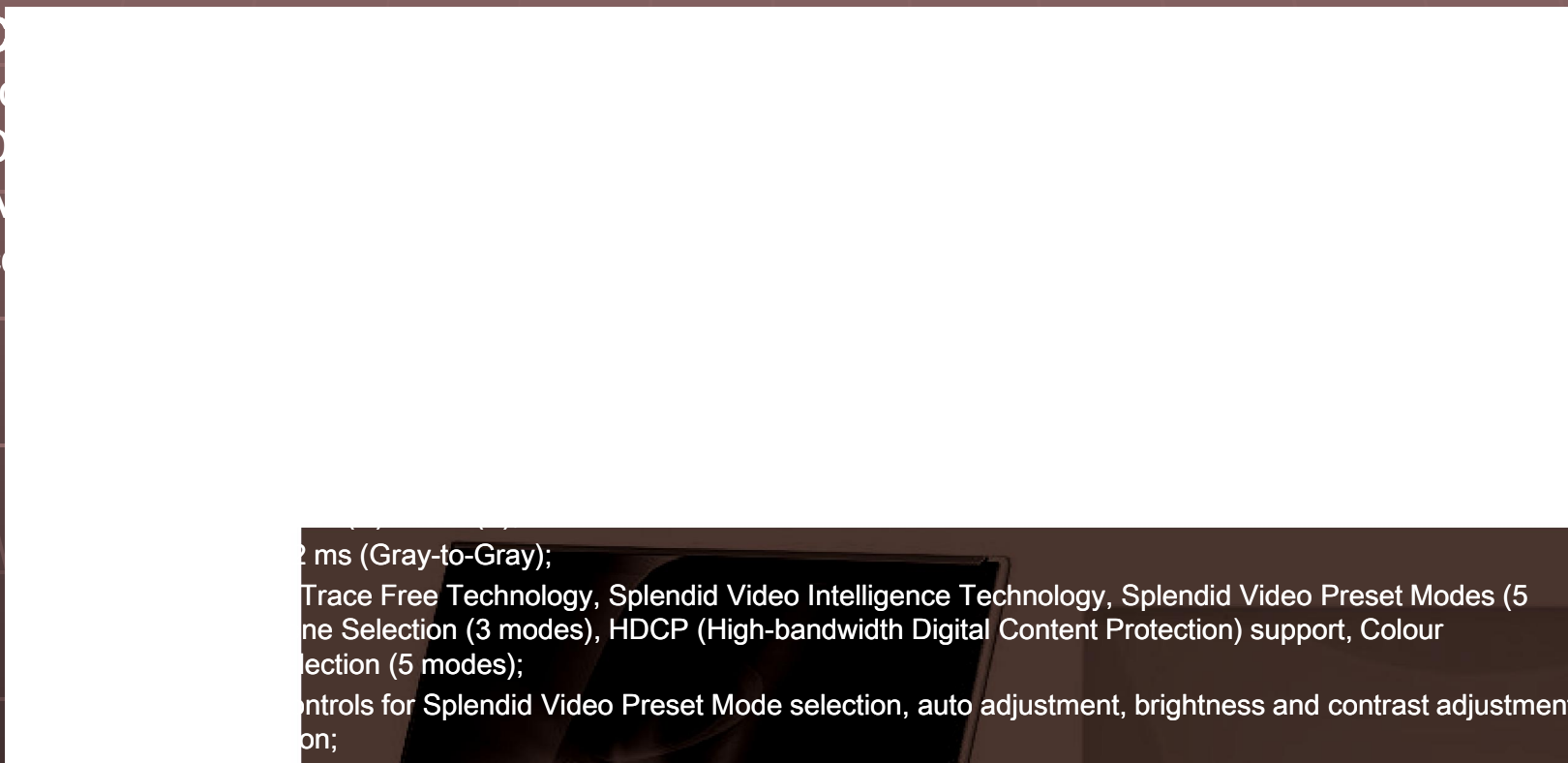
Classification of articles in the High-tech area



Monitors – HSC classification

Product 1 :

Classification of articles in the High-tech area



- 2 ms (Gray-to-Gray);
- Trace Free Technology, Splendid Video Intelligence Technology, Splendid Video Preset Modes (5 modes), Line Selection (3 modes), HDCP (High-bandwidth Digital Content Protection) support, Colour Selection (5 modes);
- Controls for Splendid Video Preset Mode selection, auto adjustment, brightness and contrast adjustment
- Analogue and Digital Signal Frequencies : 30 - 83°KHz (H) / 50 - 75 Hz (V).



2014 WCO KACT

Classification of articles in the High-tech area



Monitors – HSC classification

Product 1 :



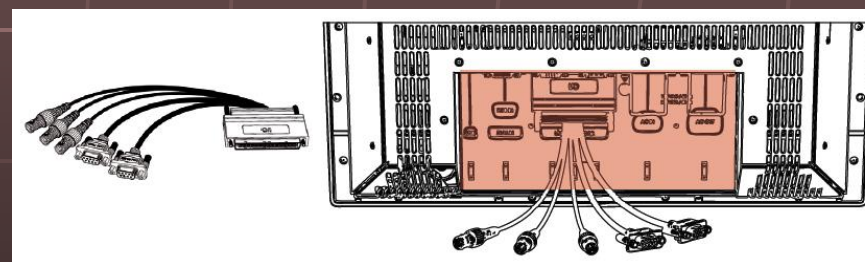
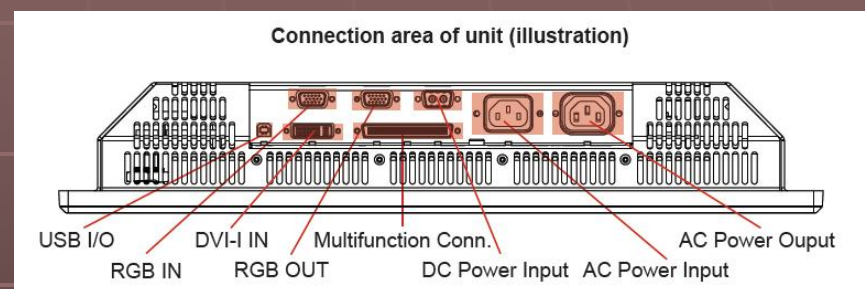


2014 WCO KACT Classification of articles in the High-tech area



Monitors – HSC classification

Product 2 :





2014 WCO KACT

Classification of articles in the High-tech area



Monitors – HSC classification

Product 2 :

58.67 cm) TFT AMLCD (thin film

17 million colours;

Video standards supported : Interlaced NTSC and PAL/SEC

Resistive touch-sensitive screen;

Signal input/output receptacles : DVI-I Signal IN, RGB Signal IN (HD D-SUB), RGB Signal OUT (HD D-SUB), Multifunction (D-SUB), USB I/O (Type B Conn.);

Controls on front bezel : Power, brightness, hotkeys (left/right – push buttons), Mode Status red/Orange/Green Illuminated LED-ring indicator.



2014 WCO KACT

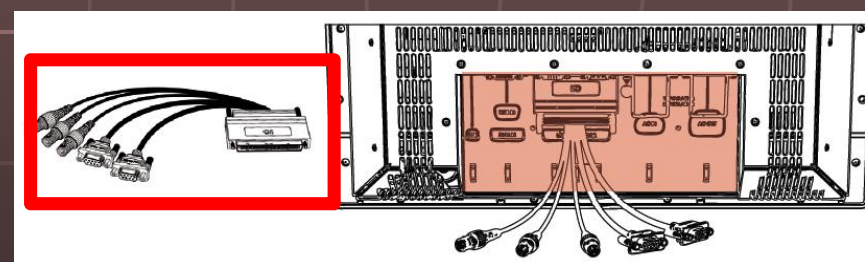
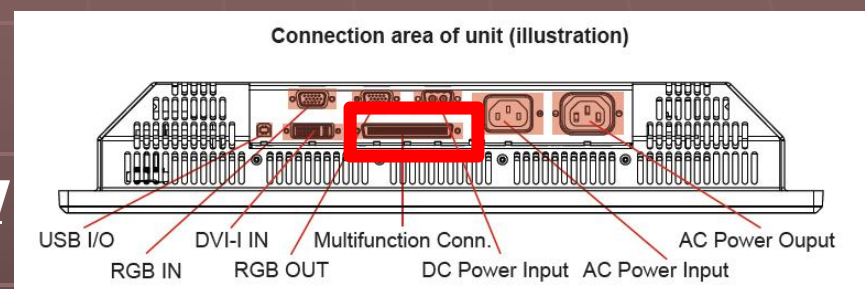
Classification of articles in the High-tech area



Monitors – HSC classification

Product 2 :

HSC consideration :





2014 WCO KACT Classification of articles in the High-tech area



Monitors – HSC classification

Product 2 :

HSC consideration :

system of heading 84.71



2014 WCO KACT

Classification of articles in the High-tech area



Monitors – HSC classification

Product 2 :

HSC consideration :

September 2010 ⇒ **8528.51**

principally



2014 WCO KACT

Classification of articles in the High-tech area



Monitors – HSC classification

Product 2 :

HSC consideration :

September 2010 ⇒ ~~8528.51~~ *principally used*

November 2010 ⇒ **Reservation**

September 2011 ⇒ **8528.59** *not principally used*



2014 WCO KACT

Classification of articles in the High-tech area



Monitors – HSC classification

Product 2 :

HSC consideration :

September 2010	⇒	8528.51	principally used
November 2010	⇒	Reservation	
September 2011	⇒	8528.59	not principally used
November 2011	⇒	Reservation	
September 2012	⇒	8528.51	principally



2014 WCO KACT Classification of articles in the High-tech area



Monitors – HSC classification

Product 2 :

HSC consideration :

September 2010	⇒	8528.51	principally used
November 2010	⇒	<u>8528.51</u>	
September 2011	⇒	8528.51	principally used
November 2011	⇒	(C.O. 8528.51/2)	
September 2012	⇒	8528.51	principally used



2014 WCO KACT

Classification of articles in the High-tech area



Monitors – HSC classification

Products 3, 4 and 5 :



Colour monitor comprising a 19 inch (48.3 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with **control circuitry, two USB (Universal Serial Bus) downstream connectors, one USB upstream connector, one DVI-D (digital visual interface – for digital signal only) connector, one VGA (Video Graphics Array) connector** and front panel controls (Menu, Minus/Auto, Plus/Input, Power).



Colour monitor comprising a 20.1 inch (51 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with **control circuitry, one USB (Universal Serial Bus) upstream connector, four USB downstream connectors, two DVI-I (digital visual interface – integrated (digital and analog)) connectors** and front panel controls (Menu, Minus/Auto, Plus, Input Select, Power).



Colour monitor comprising a 23 inch (58.4 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with **integrated speakers, control circuitry, one VGA (Video Graphics Array) connector, one HDMI (High-Definition Multimedia Interface) connector, one Audio-In connector** and front panel controls (Menu, Minus/Volume, Plus/Source, Select/Auto).



2014 WCO KACT

Classification of articles in the High-tech area



Monitors – HSC classification

Products 3, 4 and 5 :



Colour monitor comprising a 19 inch (48.3 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with control circuitry, one USB (Universal Serial Bus) downstream connector, one USB upstream connector, one DVI-D (digital visual interface) digital signal only) connector, one VGA (Video Graphics Array) connector and front panel controls (Menu, Minus/Auto, Plus/Input, Power).

8528.51 (C.O. 8528.51/3)



Colour monitor comprising a 20.1 inch (51 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with control circuitry, one USB (Universal Serial Bus) upstream connector, four USB downstream connectors, two DVI-D (digital visual interface) integrated (digital and analog)) connectors and front panel controls (Menu, Minus/Auto, Plus, Input Select, Power).

8528.51 (C.O. 8528.51/4)



Colour monitor comprising a 23 inch (58.4 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with integrated speakers, control circuitry, one VGA (Video Graphics Array) connector, one HDMI (High-Definition Multimedia Interface) connector, one Audio-In connector and front panel controls (Menu, Minus/Volume, Plus/Source, Select/Auto).



2014 WCO KACT

Classification of articles in the High-tech area



Monitors – HSC classification

Product 5 :



8528.59

Colour monitor comprising a 23 inch (58.4 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with **integrated speakers, control circuitry, one VGA (Video Graphics Array) connector, one HDMI (High-Definition Multimedia Interface) connector, one Audio-In connector** and front panel controls (Menu, Minus/Volume, Plus/Source, Select/Auto).



2014 WCO KACT Classification of articles in the High-tech area



Monitors – HSC classification

Product 5 :



8528.59

Reservation

Colour monitor comprising a 23 inch (58.4 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with integrated speakers, control circuitry, one VGA (Video Graphics Array) connector, one HDMI (High-Definition Multimedia Interface) connector, one Audio-In connector and front panel controls (Menu, Minus/Volume, Plus/Source, Select/Auto).



2014 WCO KACT Classification of articles in the High-tech area



Monitors – HSC classification

Product 5 :



8528.51

Colour monitor comprising a 23 inch (58.4 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with **integrated speakers, control circuitry, one VGA (Video Graphics Array) connector, one HDMI (High-Definition Multimedia Interface) connector, one Audio-In connector** and front panel controls (Menu, Minus/Volume, Plus/Source, Select/Auto).



2014 WCO KACT

Classification of articles in the High-tech area



Monitors – HSC classification

Product 5 :



Reservation 8528.51

NOT RESOLVED

Colour monitor comprising a 23 inch (58.4 cm) TFT LCD (thin film transistor liquid crystal display) active matrix panel combined in the same housing with integrated speakers, control circuitry, one VGA (Video Graphics Array) connector, one HDMI (High-Definition Multimedia Interface) connector, one Audio-In connector and front panel controls (Menu, Minus/Volume, Plus/Source, Select/Auto).



2014 WCO KACT

Classification of articles in the High-tech area



Monitors

Proposals to amend heading 85.28 :

- *Delete subheadings for ADP monitors (projectors) – 8528.41, 8528.51 and 8528.61;*



2014 WCO KACT

Classification of articles in the High-tech area



Monitors

Proposals to amend heading 85.28 :

- *Delete subheadings for ADP monitors (projectors) – 8528.41, 8528.51 and 8528.61;*
- *Delete the term “principally” from subheadings 8528.41, 8528.51 and 8528.61*



2014 WCO KACT

Classification of articles in the High-tech area



Monitors

Proposals to amend heading 85.28 :

- *Delete subheadings for ADP monitors (projectors) – 8528.41, 8528.51 and 8528.61;*
- *Delete the term “principally” from subheadings 8528.41, 8528.51 and 8528.61*



2014 WCO KACT

Classification of articles in the High-tech area



Monitors

Proposals to amend heading 85.28 :

➤ *New text for the HS 2017 :*

“Capable of directly connecting to and designed for use with an automatic data processing machine of heading 84.71”

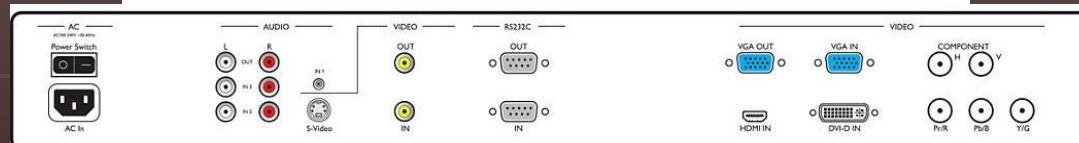


2014 WCO KACT

Classification of articles in the High-tech area



Multimedia Monitors (HD ready)



??? Classification problem ???



2014 WCO KACT

Classification of articles in the High-tech area



Questions ?



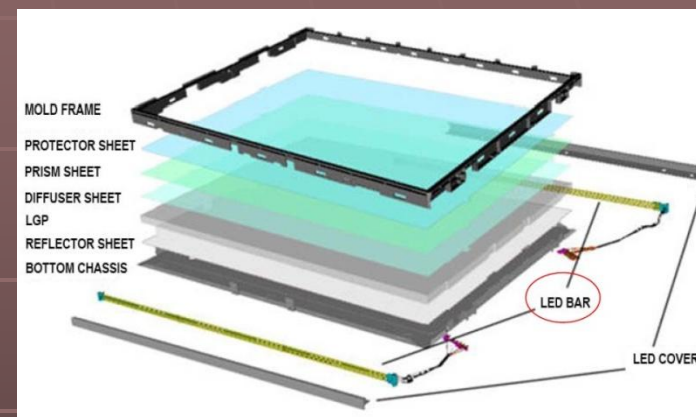
2014 WCO KACT Classification of articles in the High-tech area



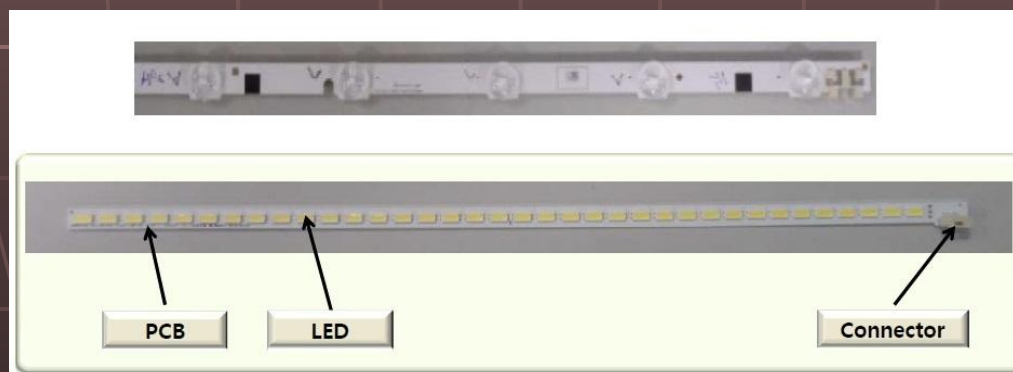
LED products



LED lamps



LED backlight units



LED assemblies



2014 WCO KACT

Classification of articles in the High-tech area



LED lamps



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



2014 WCO KACT

Classification of articles in the High-tech area



LED lamps



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



2014 WCO KACT Classification of articles in the High-tech area



LED lamps



NOT APPLICABLE
85.39 - *Electrical non-incandescent lamps, including sealed beam lamp units and ultra-violet or infra-red lamps; arc-lamps.*



2014 WCO KACT

Classification of articles in the High-tech area



LED lamps



- 85.41** - *Diodes, transistors and similar semiconductor devices; photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; **light emitting diodes**; mounted piezo-electric crystals.*
- 85.43** - *Electrical machines and apparatus, having **individual functions, not specified or included elsewhere in this Chapter.***
- 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.***



2014 WCO KACT

Classification of articles in the High-tech area



LED lamps



~~**85.41 - Diodes, transistors and similar semiconductor devices; photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; light emitting diodes; mounted piezo-electric crystals.**~~

85.43 - Electrical machines and apparatus, having individual functions, not specified or included elsewhere in this Chapter.

~~**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.**~~



2014 WCO KACT Classification of articles in the High-tech area



Amendments for 2017

Light-emitting diode (LED) products





2014 WCO KACT

Classification of articles in the High-tech area



Amendments for 2017

LED lamps

2012

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

...

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

8539.41 - - Arc-lamps

8539.49 - - Other

8539.90 - Parts



2014 WCO KACT

Classification of articles in the High-tech area



Amendments for 2017

LED lamps

2017 (adopted)

85.39 Electric filament or discharge lamps, including sealed beam lamp units and ultra-violet or infra-red lamps; arc-lamps; light-emitting diode (LED) lamps

8539.10 - Sealed beam lamp units

...

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

8539.41 - - Arc-lamps

8539.49 - - Other

8539.50 - Light-emitting diode (LED) lamps

8539.90 - Parts



2014 WCO KACT

Classification of articles in the High-tech area



Amendments for 2017

LED lamps

<u>2012</u>	<u>2017 (adopted)</u>
85.39 Electric filament or discharge lamps, arc-lamps	85.39 Electric filament or discharge lamps, arc-lamps; <u>light-emitting diode (LED) lamps</u>
8539.10 - Sealed beam lamp units ...	8539.10 - Sealed beam lamp units ...
- Ultra-violet or infra-red lamps; arc-lamps :	- Ultra-violet or infra-red lamps; arc-lamps :
8539.41 - - Arc-lamps	8539.41 - - Arc-lamps
8539.49 - - Other	8539.49 - - Other
8539.90 - Parts	<u>8539.50 - Light-emitting diode (LED) lamps</u> 8539.90 - Parts

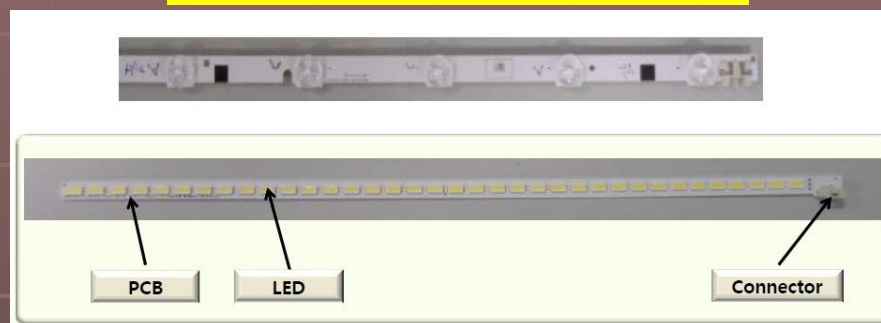


2014 WCO KACT

Classification of articles in the High-tech area



LED assemblies



A bar-type assembly of **XX LED packages mounted on a printed circuit board** (with the dimension of 440 mm in length, 5 mm in width) **in a row with an electric connector at the bottom of the PCB**. Each package consists of an LED chip and a diode combined inside. The surface of the package is coated with fluorescent material. The LED array is **used in the backlight unit of LCD TVs, tubular-type LED lamps and industrial or exterior lighting**.

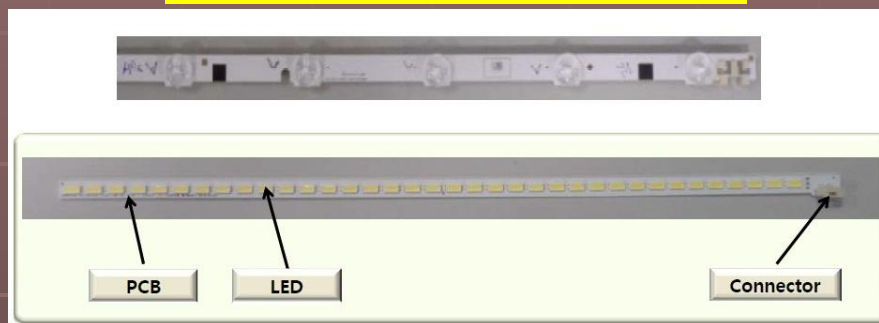


2014 WCO KACT

Classification of articles in the High-tech area



LED assemblies



85.41 - ... light emitting diodes ...

85.48 - ... electrical parts of machinery or apparatus, not specified or included elsewhere in this Chapter.
(if Note 2 to Section XVI is applicable)

94.05 - Lamps and lighting fittings ..., not elsewhere specified or included ...

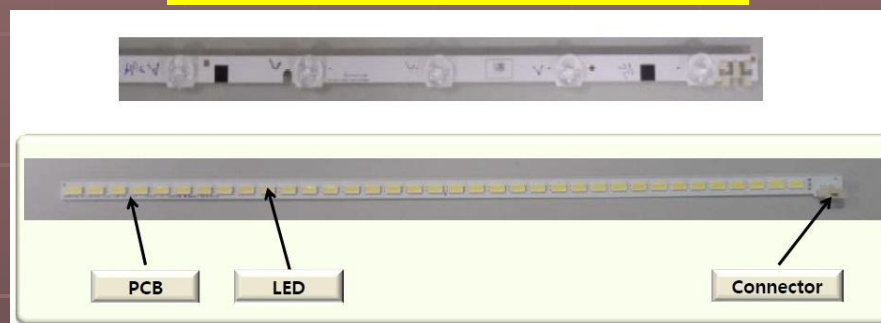


2014 WCO KACT

Classification of articles in the High-tech area



LED assemblies



~~85.41 - ... light emitting diodes ...~~

~~85.48 - ... electrical parts of machinery or apparatus, not specified or included elsewhere in this Chapter (if Note 2 to Section XVI is applicable)~~

94.05 - Lamps and lighting fittings ..., not elsewhere specified or included ...

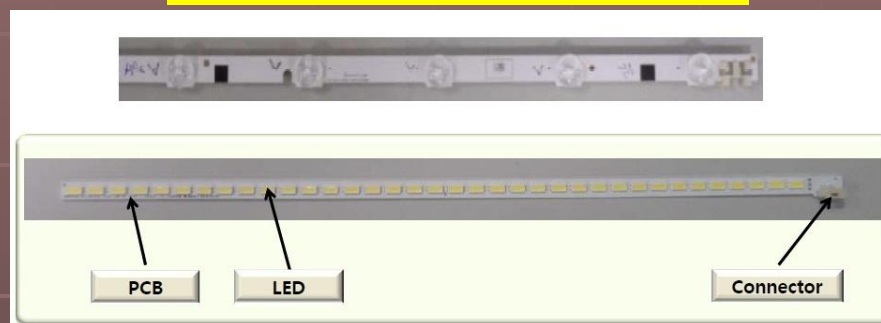


2014 WCO KACT

Classification of articles in the High-tech area



LED assemblies



85.41 - ... light emitting diodes ...

85.48 - ... electrical parts of machinery or apparatus, not specified or included elsewhere in this Chapter ...
(if Note 2 to Section XVI is applicable)

94.05 - Lamps and lighting fittings ..., not elsewhere specified or included ...

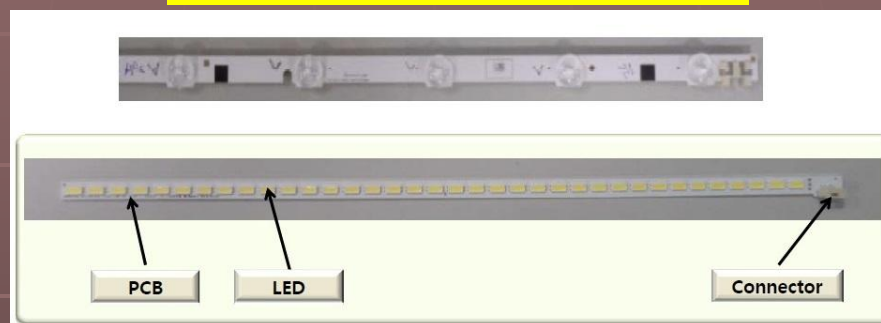


2014 WCO KACT

Classification of articles in the High-tech area



LED assemblies



85.41 - ... light emitting diodes ...

~~85.48 - ... electrical parts of machinery or apparatus, not specified or included elsewhere in this Chapter~~
~~(if Note 2 to Section XVI is applicable)~~

~~94.05 - Lamps and lighting fittings ..., not elsewhere specified or included~~



2014 WCO KACT

Classification of articles in the High-tech area



LED assemblies



Reservation

85.41 - ... light emitting diodes in

85.48 - ... parts of machines or apparatus, not specified or included elsewhere in this chapter
(if Note 2 to Section XVI is applicable)

94.05 - Lamps and lighting fittings ..., not elsewhere specified or included ...

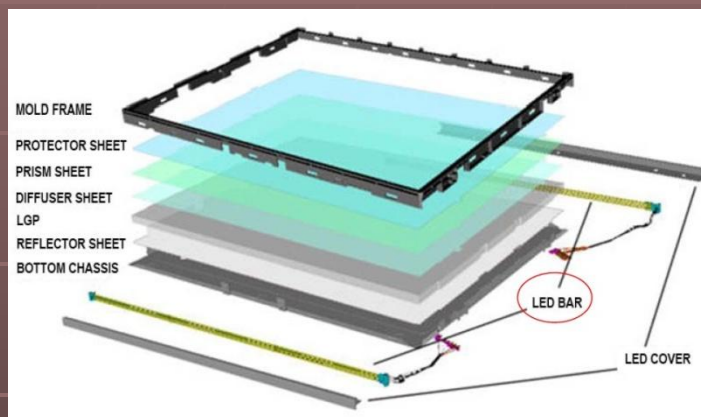


2014 WCO KACT

Classification of articles in the High-tech area



LED backlight units



*Light-emitting diode (LED) backlight consisting of a **LED bar** and an **optical part**, assembled together in a plastic frame . The LED bar contains 48 LED chips mounted on a flexible printed circuit board (FPCB) in a row with an electric connector at the bottom of the FPCB. The optical part consists of a reflector sheet, a light guiding plate, a diffusion sheet and two prism sheets.*

This device is specifically designed to be mounted into a laptop computer to provide backlighting to its liquid-crystal display.

??? Is Note 2 to Section XVI applicable ???

MORE INFORMATION NEEDED

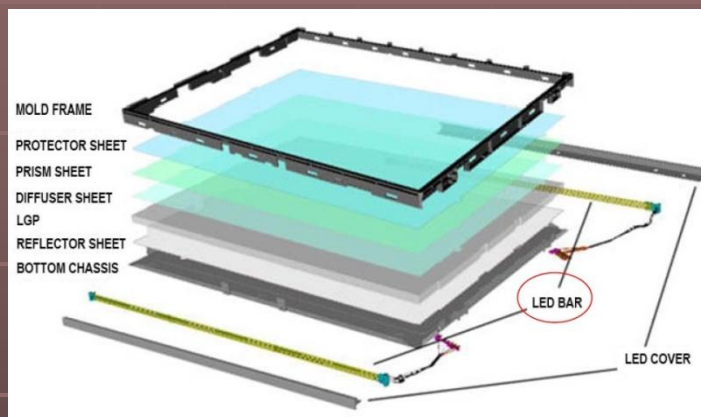


2014 WCO KACT

Classification of articles in the High-tech area



LED backlight units



Headings under consideration :

84.73 (*parts of ADP machines*)

85.41 (*light emitting diodes*)

94.05 (*lamps and lighting fittings*)

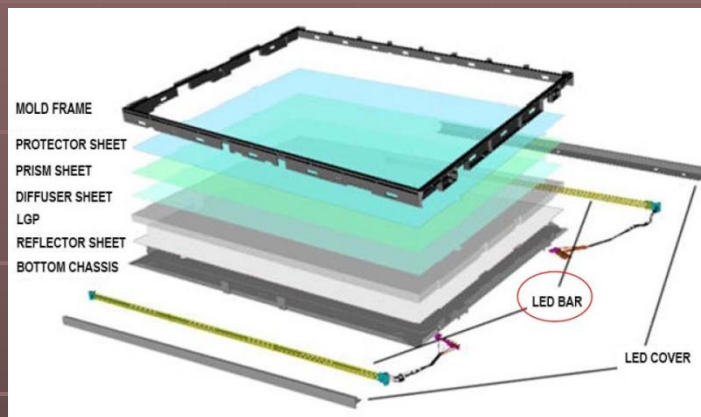


2014 WCO KACT

Classification of articles in the High-tech area



LED backlight units



Headings under consideration :

84.73 (parts of ADP machines)

~~85.41 (light emitting diodes)~~

~~94.05 (lamps and lighting fittings)~~

GIR 1 (Note 2 (b) to Section XVI)



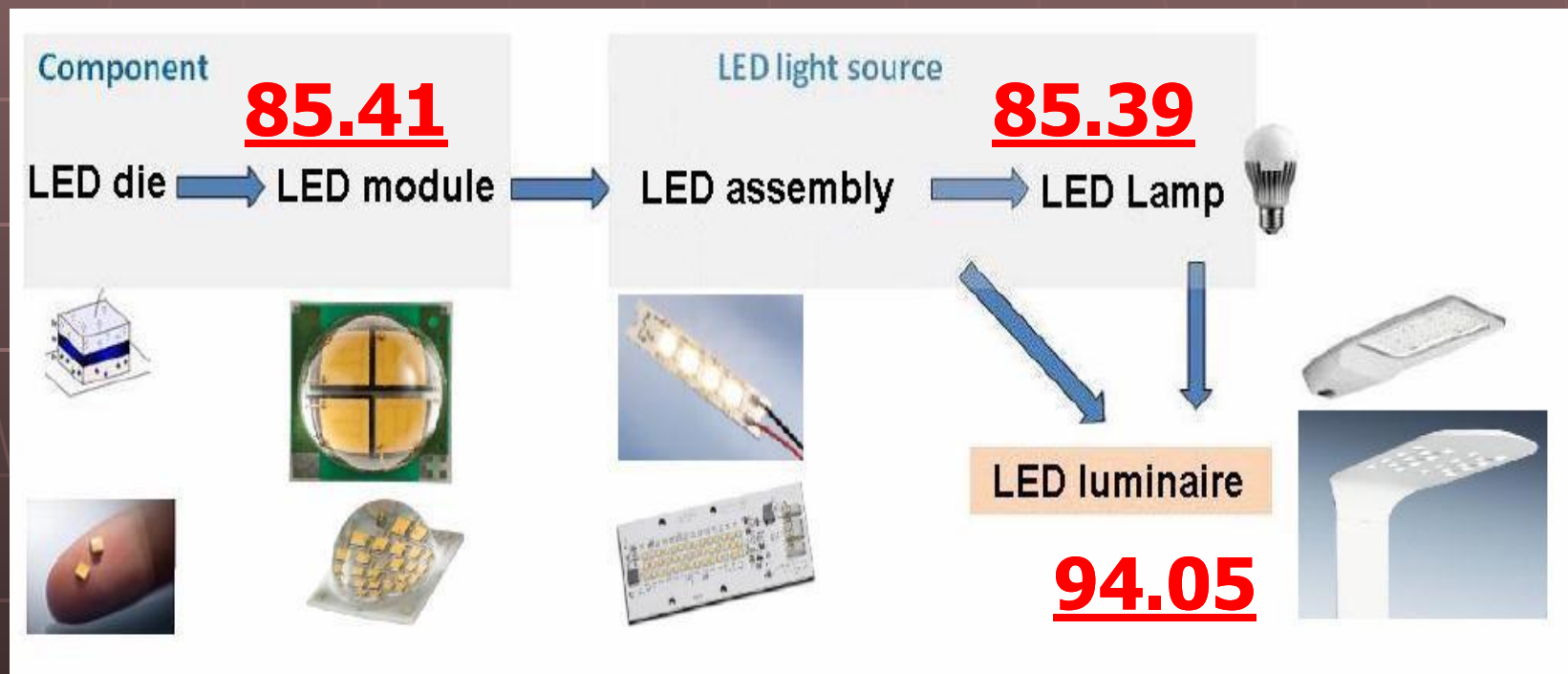
2014 WCO KACT Classification of articles in the High-tech area



Possible amendments for 2022

Light-emitting diode (LED) products

NEW PROPOSAL





2014 WCO KACT

Classification of articles in the High-tech area



Possible amendments for 2022

LED products – 85.39 – new proposal

2017 (adopted)

85.39 Electric filament or discharge lamps, including sealed beam lamp units and ultra-violet or infra-red lamps; arc-lamps; light-emitting diode (LED) lamps

8539.10 - Sealed beam lamp units

...

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

8539.41 - - Arc-lamps

8539.49 - - Other

8539.50 - Light-emitting diode (LED) lamps

8539.90 - Parts



2014 WCO KACT

Classification of articles in the High-tech area



Possible amendments for 2022

LED products – 85.39 – new proposal

Possible new text

85.39 Electric filament or discharge lamps, including sealed beam lamp units and ultra-violet or infra-red lamps; arc-lamps; light-emitting diode (LED) lamps and light-emitting diode (LED) assemblies

8539.10 - Sealed beam lamp units

...

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

8539.41 - - Arc-lamps

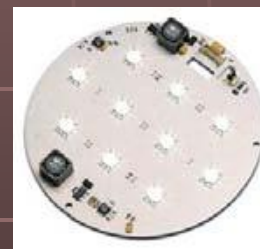
8539.49 - - Other

- Light-emitting diode (LED) lamps and light-emitting diode (LED) assemblies :

8539.51 - - Light-emitting diode (LED) lamps

8539.52 - - Light-emitting diode (LED) assemblies

8539.90 - Parts





2014 WCO KACT

Classification of articles in the High-tech area



Possible amendments for 2022

LED products – 85.39 – new proposal

Possible new text

85.39 Electric filament or discharge lamps, including sealed beam lamp units and ultra-violet or infra-red lamps; arc-lamps; light-emitting diode (LED) lamps and light-emitting diode (LED) assemblies

8539.10 - Sealed beam lamp units

...

Definition of LED assemblies

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

8539.41 - - Arc-lamps

8539.49 - - Other

- Light-emitting diode (LED) lamps and light-emitting diode (LED) assemblies :

8539.51 - - Light-emitting diode (LED) lamps

8539.52 - - Light-emitting diode (LED) assemblies

8539.90 - Parts



2014 WCO KACT

Classification of articles in the High-tech area



Possible amendments for 2022

LED products – **85.41** – *new proposal*

2012

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

...

8541.40 - Photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; light emitting diodes

...



2014 WCO KACT

Classification of articles in the High-tech area



Possible amendments for 2022

LED products – 85.41 – new proposal

Possible new text

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

...

- Photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; light-emitting diodes :

8541.41 -- Light-emitting diodes

8541.49 -- Other

...



2014 WCO KACT Classification of articles in the High-tech area



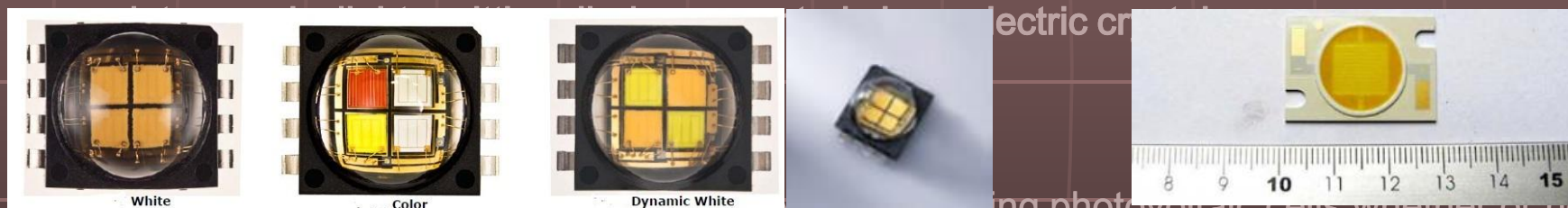
Possible amendments for 2022

LED products – 85.41 – new proposal

Possible new text

85.41 Diodes, transistors and similar semiconductor devices, photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up

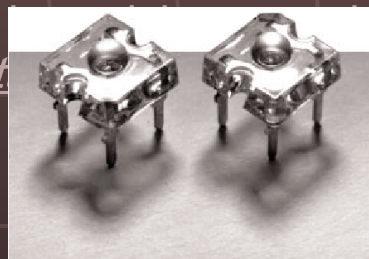
Definition of light-emitting diodes



8541.41 -- Light-emitting diodes

8541.49 -- Other

...





2014 WCO KACT

Classification of articles in the High-tech area



Possible amendments for 2022

LED products – **94.05** – *new proposal*

2012

94.05 Lamps and lighting fittings including ...

- 9405.10 - Chandeliers and other electric ceiling or wall lighting fittings ...
- 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



2014 WCO KACT

Classification of articles in the High-tech area



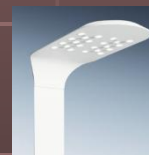
Possible amendments for 2022

LED products – 94.05 – new proposal

Possible new text

94.05 Lamps and lighting fittings including ...

- Chandeliers and other electric ceiling or wall lighting fittings ... :
 - 9405.11 -- Designed for use with light-emitting diodes only
 - 9405.19 -- Other
- Electric table, desk, bedside or floor-standing lamps :
 - 9405.21 -- Designed for use with light-emitting diodes only
 - 9405.29 -- Other
- Lighting sets of a kind used for Christmas trees :
 - 9405.31 -- Designed for use with light-emitting diodes only
 - 9405.39 -- Other
- Other electric lamps and lighting fittings :
 - 9405.41 -- Designed for use with light-emitting diodes only
 - 9405.49 -- Other
- 9405.50 - Non-electrical lamps and lighting fittings
 - Illuminated signs, illuminated name-plates and the like :
 - 9405.61 -- Designed for use with light-emitting diodes only
 - 9405.69 -- Other





2014 WCO KACT

Classification of articles in the High-tech area



Thank you for your attention

Questions ?