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ENERGY CONSERVATION ACT
(CHAPTER 92C)

ENERGY CONSERVATION (REGISTRABLE GOODS)
(AMENDMENT) ORDER 2015

In exercise of the powers conferred by section 11 of the Energy Conservation Act, the Minister for the Environment and Water Resources, after consultation with the National Environment Agency, makes the following Order:

Citation and commencement

1. This Order may be cited as the Energy Conservation (Registrable Goods) (Amendment) Order 2015 and comes into operation on 1 July 2015.

Amendment of Schedule

2. The Schedule to the Energy Conservation (Registrable Goods) Order 2013 (G.N. No. S 556/2013) is amended by inserting, immediately after Part II, the following Part:

“PART III

REGISTRABLE GOODS
WITH EFFECT FROM 1 JULY 2015

1. Subject to paragraph 2, single-phase lamp (not being second-hand goods) with Edison screw or bayonet lamp cap that is designed to be connected directly to 230 volts mains voltage by means of a socket or lamp connector, having a power rating —

- (a) in the case of an incandescent lamp, of 25 W or above but not exceeding 200 W;
- (b) in the case of a compact fluorescent lamp with integrated ballast, of up to 60 W; or
- (c) in the case of an LED lamp, of up to 60 W.

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2. The lamp described in paragraph 1 does not include the following:
- (a) a lamp having at least 80% light output within a solid angle of π steradian (corresponding to a 120° angle cone);
 - (b) a lamp having a luminous flux below 130 lumens;
 - (c) a special purpose lamp.
3. In this Part, unless the context otherwise requires —
- “ballast” means a device that is inserted between the electrical supply and a discharge lamp and limits the current of a lamp to the required value;
- “compact fluorescent lamp with integrated ballast” means a fluorescent lamp with a lamp cap, a ballast and other components necessary to start and stably operate the lamp, that is manufactured as a unit that cannot be dismantled without permanently damaging the lamp;
- “discharge lamp” means a lamp in which light is produced, directly or indirectly, by an electric discharge through a gas, a metal vapour or a mixture of several gases or vapours;
- “fluorescent lamp” means a discharge lamp of the low pressure mercury type in which most of the light is emitted by one or several layers of phosphors excited by the ultraviolet radiation from the discharge;
- “incandescent lamp” means a lamp in which light is produced by heating a filament to incandescence by the passage of an electric current, and in which the filament operates in an evacuated bulb or is surrounded by inert gas;
- “lamp” means a device that is designed to emit light produced by the transformation of energy, and includes any additional components necessary for starting, power supply or stable operation of the lamp or for the distribution, filtering or transformation of light, where such components cannot be removed without permanently damaging the device;
- “lamp cap” means the part of a lamp that connects the lamp to the electrical supply;
- “LED” means a solid state device embodying a p-n junction, emitting optical radiation when excited by an electric current;
- “LED lamp” means a lamp incorporating one or more LED;
- “light” means visible optical radiation with a wavelength of 380 to 780 nm;

“special purpose lamp” means a lamp that —

- (a) is designed to be used only —
 - (i) to emit light as an agent in a chemical or biological process;
 - (ii) for image capture and image projection;
 - (iii) to provide heating; or
 - (iv) in signalling devices;
- (b) is a coloured lamp with chromaticity coordinates within the range of $x < 0.270$ or $x > 0.530$ and $y < -2.3172 x^2 + 2.3653 x - 0.2199$ or $y > -2.3172 x^2 + 2.3653 x - 0.1595$;
- (c) has a spectral distribution that is adjusted to the specific needs of technical equipment;
- (d) is designed to protect a subject lit by the lamp from the negative effects of the light emitted by the lamp;
- (e) is designed to withstand rough use, extreme vibration, or temperatures below -20°C or above 50°C ; or
- (f) is incorporated in a product the primary purpose of which is not to emit light.”.

[G.N. No. S 235/2014]

Made on 25 June 2015.

CHOI SHING KWOK
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Ministry of the Environment and
Water Resources,
Singapore.*

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