



**LIGHTINGEUROPE**  
THE VOICE OF THE LIGHTING INDUSTRY

## **Position Paper**

### **LIGHTINGEUROPE guidance document on COMMISSION REGULATION (EU) 2015/1428 of 25 August 2015**

*amending Commission Regulation (EC) No 244/2009 with regard to ecodesign requirements for non-directional household lamps and Commission Regulation (EU) No 1194/2012 with regard to ecodesign requirements for directional lamps, light emitting diode lamps and related equipment*

**10<sup>th</sup> December 2015**

LightingEurope appreciates the efforts of the EU Commission to improve the energy efficiency of lamps and reduce misuse of “special purpose lamps”.

New **Special Purpose Lamps requirements** will be applicable from **24<sup>th</sup> February 2016**.

#### **What has been changed?**

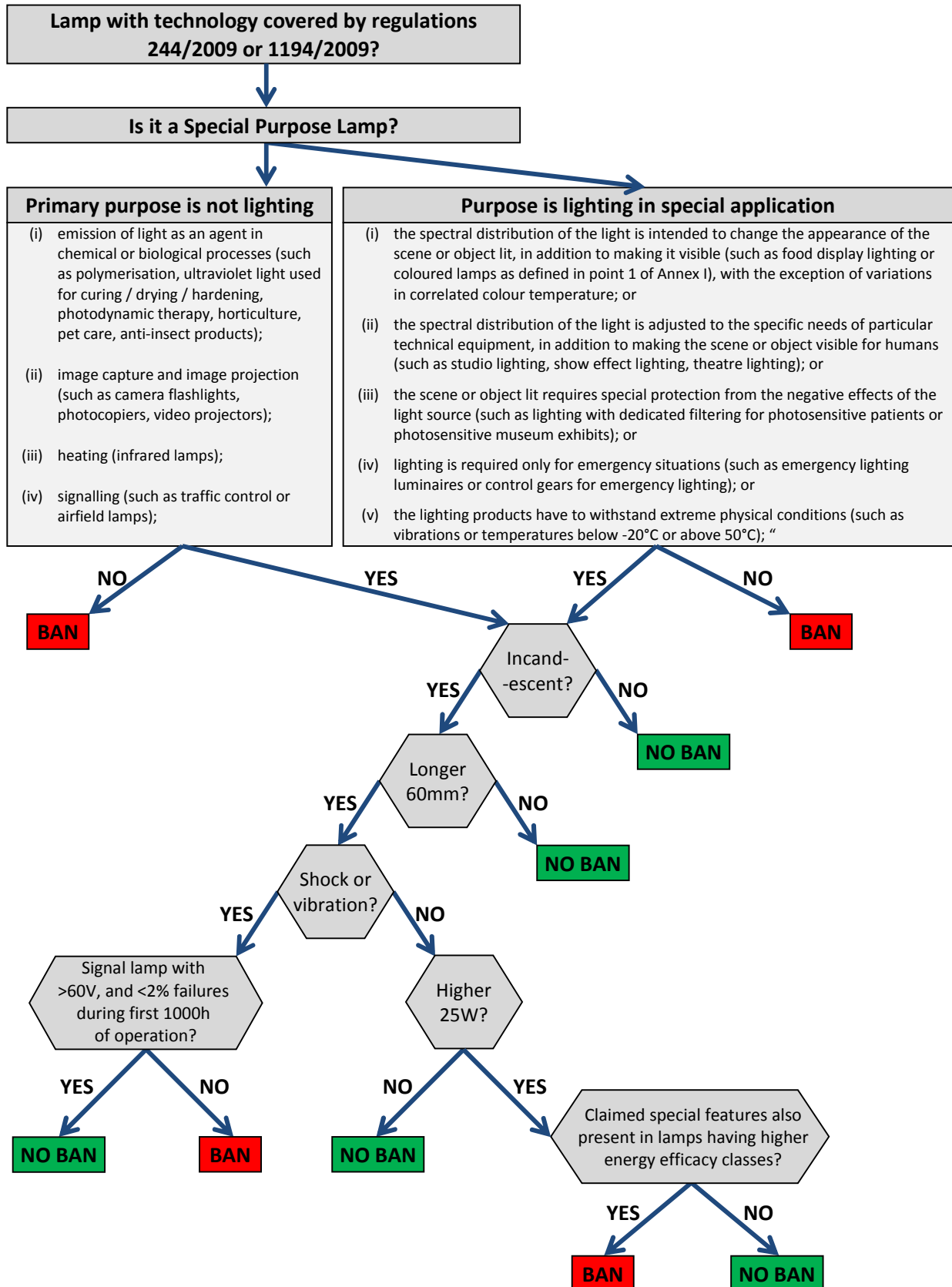
1. Incandescent shock and temperature proof “rough service” lamps are banned;
2. Incandescent decorative clear lamps are banned;
3. Incandescent high and low temperature lamps are banned.

#### **Additional examples (lamps which can still be classified as special purpose lamps):**

4. Refrigerators and oven incandescent lamps;
5. Infrared heat lamps;

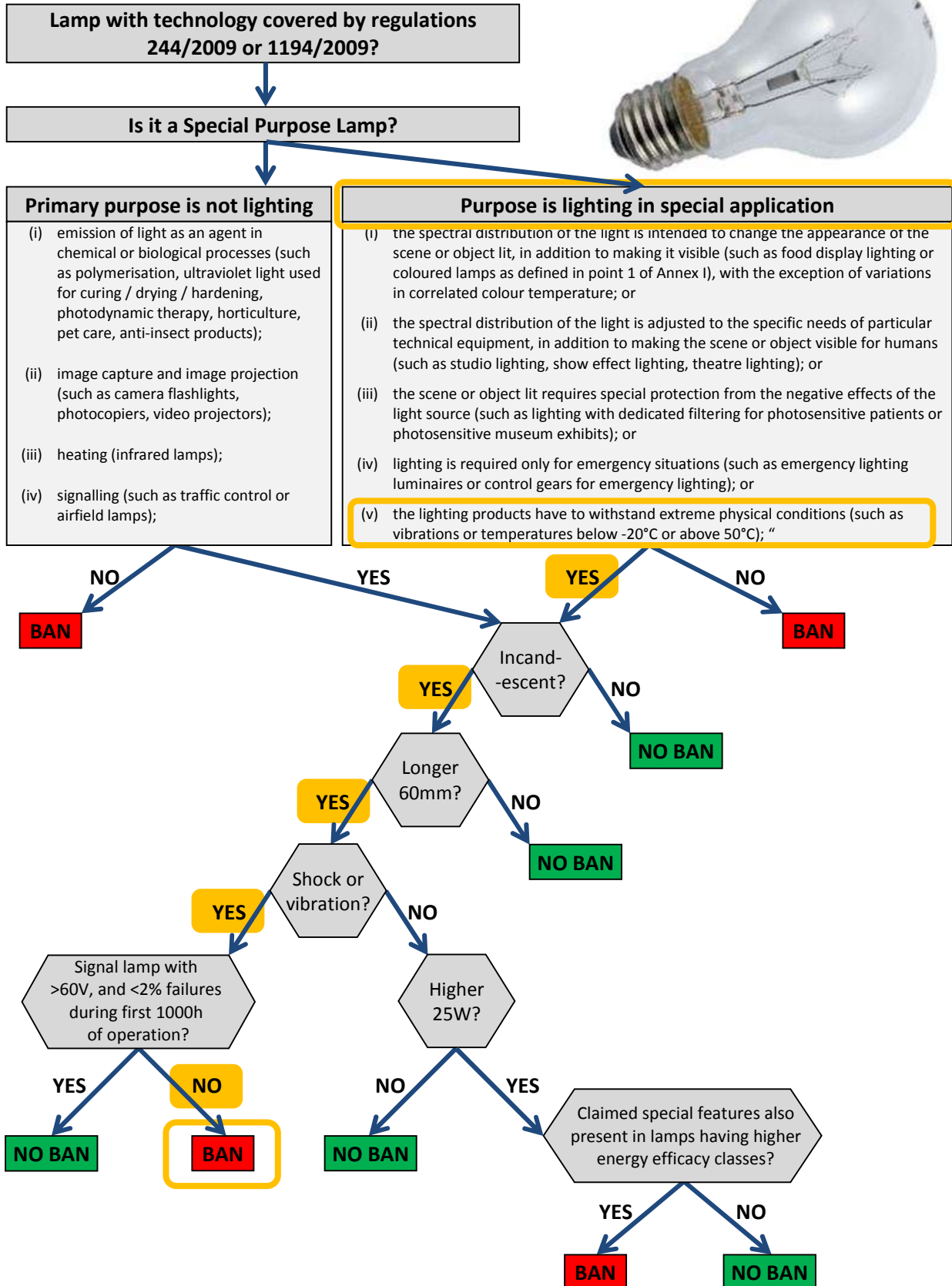
The following flow-charts provide a mechanism to identify whether or not a particular lamp meets the new Special Purpose requirements, illustrated by the above mentioned examples.

# Flow Chart to Identify Special Purpose Lamps



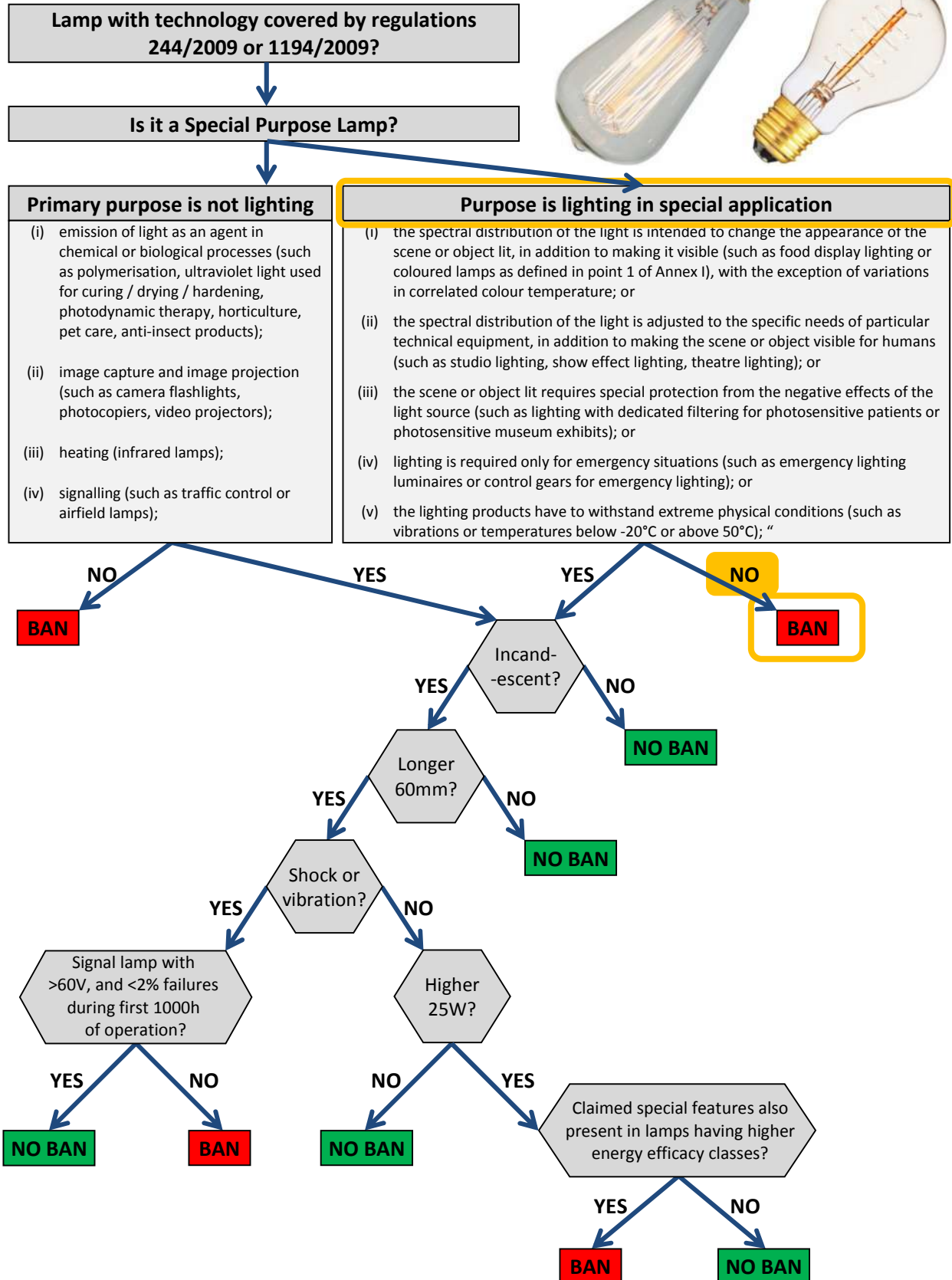
# 1. Shock and Temperature Proof Rough Service Lamps

**BANNED**



## 2. Decorative Filament Clear Bulb Lamps

**BANNED**



### 3. Incandescent Claiming >50°C or <20°C Capability

**BANNED**



Lamp with technology covered by regulations 244/2009 or 1194/2009?

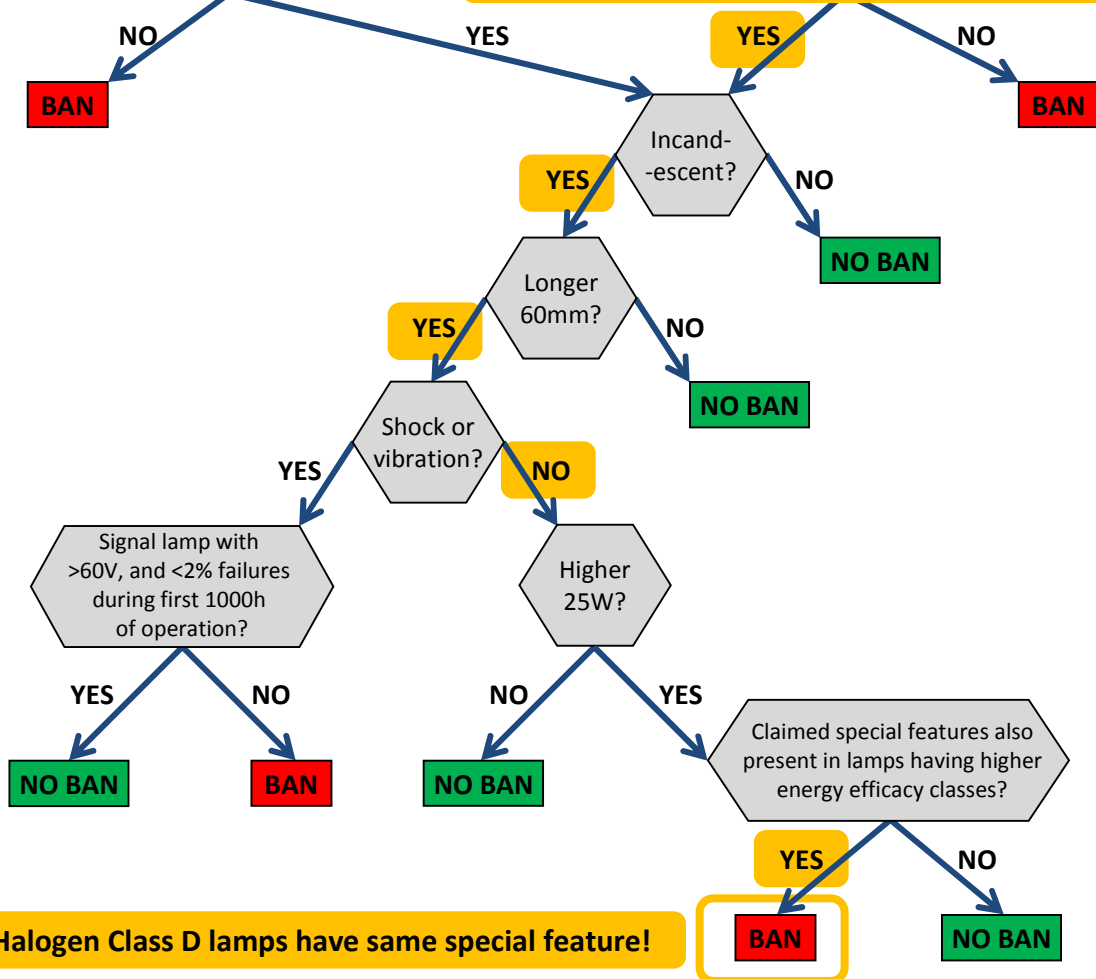
Is it a Special Purpose Lamp?

**Primary purpose is not lighting**

- (i) emission of light as an agent in chemical or biological processes (such as polymerisation, ultraviolet light used for curing / drying / hardening, photodynamic therapy, horticulture, pet care, anti-insect products);
- (ii) image capture and image projection (such as camera flashlights, photocopiers, video projectors);
- (iii) heating (infrared lamps);
- (iv) signalling (such as traffic control or airfield lamps);

**Purpose is lighting in special application**

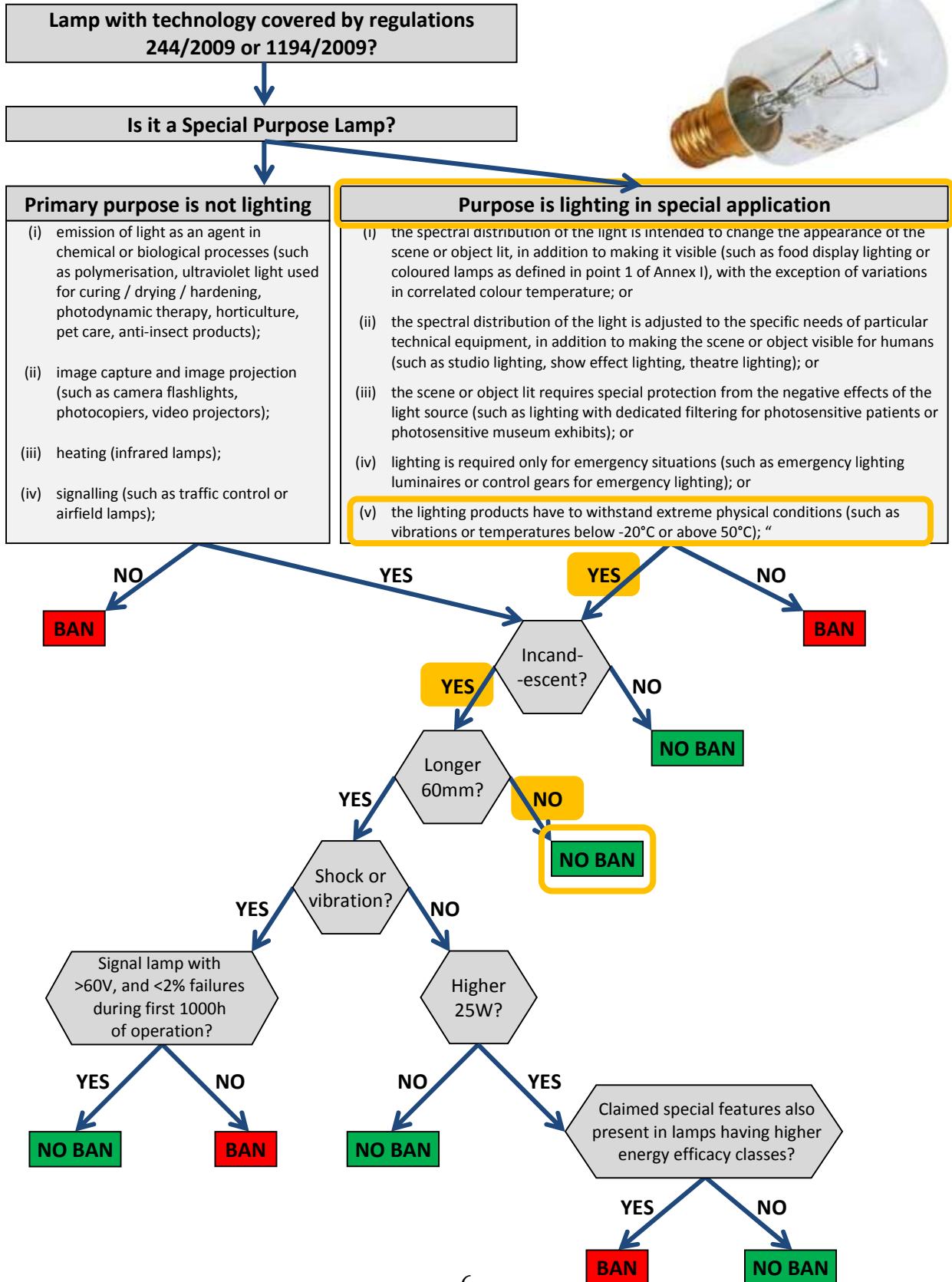
- (i) the spectral distribution of the light is intended to change the appearance of the scene or object lit, in addition to making it visible (such as food display lighting or coloured lamps as defined in point 1 of Annex I), with the exception of variations in correlated colour temperature; or
- (ii) the spectral distribution of the light is adjusted to the specific needs of particular technical equipment, in addition to making the scene or object visible for humans (such as studio lighting, show effect lighting, theatre lighting); or
- (iii) the scene or object lit requires special protection from the negative effects of the light source (such as lighting with dedicated filtering for photosensitive patients or photosensitive museum exhibits); or
- (iv) lighting is required only for emergency situations (such as emergency lighting luminaires or control gears for emergency lighting); or
- (v) the lighting products have to withstand extreme physical conditions (such as vibrations or temperatures below -20°C or above 50°C); "



Halogen Class D lamps have same special feature!

# 4. Domestic Appliance / Refrigerator / Oven Lamps

**NOT BANNED**



# 5. Infrared Heat Lamps

**NOT BANNED**



Lamp with technology covered by regulations 244/2009 or 1194/2009?

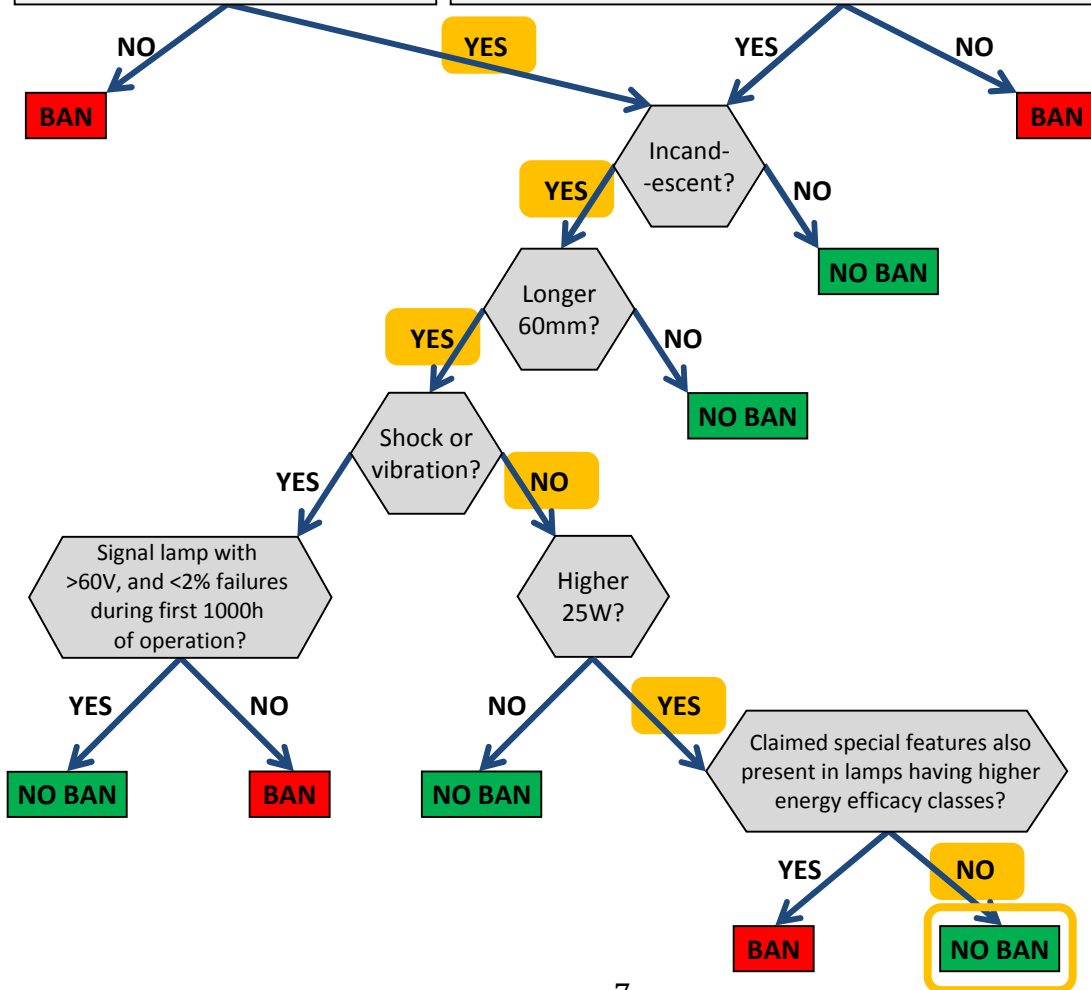
Is it a Special Purpose Lamp?

**Primary purpose is not lighting**

- (i) emission of light as an agent in chemical or biological processes (such as polymerisation, ultraviolet light used for curing / drying / hardening, photodynamic therapy, horticulture, pet care, anti-insect products);
- (ii) image capture and image projection (such as camera flashlights, photocopiers, video projectors);
- (iii) heating (infrared lamps);**
- (iv) signalling (such as traffic control or airfield lamps);

**Purpose is lighting in special application**

- (i) the spectral distribution of the light is intended to change the appearance of the scene or object lit, in addition to making it visible (such as food display lighting or coloured lamps as defined in point 1 of Annex I), with the exception of variations in correlated colour temperature; or
- (ii) the spectral distribution of the light is adjusted to the specific needs of particular technical equipment, in addition to making the scene or object visible for humans (such as studio lighting, show effect lighting, theatre lighting); or
- (iii) the scene or object lit requires special protection from the negative effects of the light source (such as lighting with dedicated filtering for photosensitive patients or photosensitive museum exhibits); or
- (iv) lighting is required only for emergency situations (such as emergency lighting luminaires or control gears for emergency lighting); or
- (v) the lighting products have to withstand extreme physical conditions (such as vibrations or temperatures below -20°C or above 50°C); “



## General Overview

For all special purpose products, the intended purpose shall be stated in all forms of product information, together with the warning that they are not intended for use in other applications.

The technical documentation file drawn up for the purposes of conformity assessment in accordance with Article 8 of Directive 2009/125/EC shall list the technical parameters that make the product design specific for the stated intended purpose (e.g. size, shape, spectral distribution, temperature or mechanical resistance, etc). If needed, the parameters may be listed in such a way as to avoid disclosing commercially sensitive information linked to the manufacturer's intellectual property rights.

If the product is placed on the market in a packaging containing information to be visibly displayed to the end-user prior to purchase, the following information shall be clearly and prominently indicated on the packaging and in all other forms of product information (e.g. pictograms or other graphical elements):

- i. the intended purpose;
- ii. that it is not suitable for suitable household room illumination<sup>1</sup>; and
- iii. the technical parameters that make the lamp design specific for the stated intended purpose.

The information in point (iii) can alternatively be provided inside the packaging.

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<sup>1</sup>See following pictogram registered by the ELC worldwide and now transferred to LightingEurope. The use of this pictogram is free but a notification sent to the LightingEurope Secretariat is required ([info@lightingeurope.org](mailto:info@lightingeurope.org)). Please note that using the LE logo is not enough to define a product as special purpose.

Pictogram indicating "Not suitable for household room illumination"





### ***About Lighting Europe***

*LightingEurope is an industry association of 31 European lighting manufacturers, national associations, and companies producing materials. LightingEurope members represent over 1,000 European companies, a majority of which are SMEs; a total workforce of over 100,000 people in Europe; and an annual turnover estimated to exceed 20 billion Euros. LightingEurope is dedicated to promoting efficient lighting practices for the benefit of the global environment, human comfort, and the health and safety of consumers. More information about LightingEurope is available on our website [www.lightingeurope.org](http://www.lightingeurope.org).*

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