

## Official Notification

Berlin: 2015-08-26

### Classification of HBO/HXP/XBO lamps (appendix) with reflector according to ERP Guideline / CE

ERP Guideline / Requirements for special halogen lamps (appendix) CE Certification:

According to:

**GUIDE  
FOR THE APPLICATION OF THE  
COMMISSION REGULATION (EU)  
NO. 1194/2012 SETTING  
ECODESIGN REQUIREMENTS FOR  
DIRECTIONAL LAMPS, LIGHT  
EMITTING DIODE LAMPS AND  
RELATED EQUIPMENT**

Version 1, 17 July 2013

HBO/HXP/XBO lamps (appendix) have to be classified as “special purpose products”, due to the fact, they are foreseen for chemical processes (curing) or Image capture with special application given requirements on spectra .

The HBO/HXP/XBO lamps (appendix) for this chemical process (curing) or Image capture application are not made for typical household use and have to be specified as “Special Purpose products”.

The Application of the HBO/HXP/XBO luminaire is hereby fitting the following exemptions of the named regulation to be classified as Special Purpose Products.

- (a) applications where the primary purpose of the light is not lighting, such as:
  - (i) emission of light as an agent in chemical or biological processes (such as polymerisation, ultra-violet light used for curing/drying/hardening, photodynamic therapy, horticulture, petcare, anti-insect products);
  - (ii) image capture and image projection (such as camera flashlights, photocopiers, video projectors);

[See Article 2, Chapter 4 – Categories for special Application – Part a)]

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Explanation: Special Spectral Requirements of HBO/HXP/XBO lamps (appendix)

And due to:

**(c) lighting products incorporated into others**

Lighting products which are incorporated into other appliance, product or similar where its primary purpose is not lighting and the product is dependent on energy input in fulfilling its primary purpose during use (such as refrigerators, sewing machines, endoscopes, blood analysers, LCD TV set) are matching the definition of "products for special purposes".


[see Article 2, Chapter 4 – Categories for special Application – Part b) ]


Additional Requirements for HBO/HXP/XBO lamps (appendix):

in Article 2(4)(c), it is sufficient to state the name, type, or description of the product, such as being a "remote control" or "refrigerator", which already indicate clearly that they are not suitable for household room illumination. This information is sufficient to specify the intended purpose of the product itself, and explain what makes the product specific for its intended purpose. Note that this answer applies only to this regulation as other lamp regulations use different definitions.

⇒ Description on Package and TI Sheet necessary!

  
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## Appendix

IC	lamp	x/y	Application
A258119012G	HBO R 103W/45 2X1	0,210/0,21	curing, image capture
A258119022G	HBO R 103W/45 VS20	0,210/0,21	curing, image capture
A36795E022G	HXP R 120W/17C VS50		curing, image capture
A587682002G	HXP R 120W/17S VS50		curing, image capture
A359161012G	HXP R 120W/45C UV 2X1 EN		curing, image capture
A587676002G	HXP R 120W/45S UV 2X1 EN		curing, image capture
A36430F012G	HXP R 120W/45C VIS 2X1 EN		curing, image capture
A369471012G	HXP R 120W/45S VIS 2X1 EN		curing, image capture
A74071C002G	HXP R 120W/45S VIS G2 2X1 EN		curing, image capture
A369471022G	HXP R 120W/45S VIS VS20 EN		curing, image capture
A49761F012G	HXP R 200W/45M 2X1 EN		curing, image capture
A52609E002G	HXP R 206W/45C 2X1 EN		curing, image capture
A223861062G	XBO R 100/45 OFR VS20 EN A		image capture
A223861032G	XBO R 100W/45 OFR 2X1		image capture
A374256012G	XBO R 100W/45C 2X1 W.CABLE		image capture
A254020012G	XBO R 101W/45C OFR 2X1		image capture
A268605022G	XBO R 180W/45 2X1		image capture
A268611022G	XBO R 180W/45C OFR 2X1		image capture
AB35875002G	XBO R 180W/45C OFR 2X1		image capture
A268611042G	XBO R 180W/45C OFR VS20 EN		image capture
A27436A012G	XBO R 181W/45C 2X1		image capture
A49265F0004	XBO R 300W/60C 16V OFR 2X1		image capture