

## Government Buying Standards for lamps

Version	Date	Notes
2.2	September 2015	Minor amendments to criteria where market availability of better performing products and/or standards and labelling have changed.
2.1	July 2014	Minor amendments at transition of SD in Government web pages to GOV.UK
2.0	April 2011	Introduction of energy efficiency legislation
1.0	May 2008	Introduction of Best Practice Specification

### Lamps

#### Mandatory level

Energy consumption in use	<p><b>Compact fluorescent lamps:</b> Must have EU Energy Label class A.</p> <p><b>Pin based compact fluorescent:</b> Must have EU Energy Label class A.</p> <p><b>White Light emitting diode lamps:</b> Must be at least A+ rated. White Light emitting diode lamps replacing reflector halogen lamps must use no more than 25% of the power of the lamp they are replacing, with less than 5% loss of total light output.</p> <p><b>Other lamps:</b> High pressure sodium lamps should be 'plus' types, metal halide lamps should be 'ceramic' types and low-pressure sodium lamps should be 'Eco' types, where possible.</p> <p>High-pressure mercury lamps should be replaced with high-pressure sodium 'H' types or metal halide lamps where appropriate.</p>
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### Light bulbs (double headed)

#### Mandatory level

Energy consumption in use	Must have T5 or T8 triphosphor fluorescent tubes EU Energy Label class A+ unless colour rendering index greater than 90 is required.
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#### Additional Information

- The updated energy labelling regulations and the Ecodesign requirements for light bulbs:
  - for domestic lighting: <http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32009R0244>
  - for other lighting (including for offices): <http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32009R0245>
- Energy Saving Trust information about energy efficient lighting: <http://www.energysavingtrust.org.uk/Electricity/Lighting>.
- GPP criteria for 'indoor lighting': [http://ec.europa.eu/environment/gpp/pdf/criteria/indoor\\_lighting.pdf](http://ec.europa.eu/environment/gpp/pdf/criteria/indoor_lighting.pdf)

- GPP criteria for 'street lighting: [http://ec.europa.eu/environment/gpp/pdf/criteria/street\\_lighting.pdf](http://ec.europa.eu/environment/gpp/pdf/criteria/street_lighting.pdf)