



Is the lamp an incandescent light?

Yes





Is the lamp an incandescent light?

Yes



Is the lamp an enhanced spectrum?

Yes



No





Is the lamp an incandescent light?

Yes

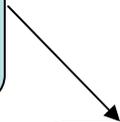


Is the lamp an enhanced spectrum?

Yes



HSC exemption  
25210.9(g)  
until 2014.



**25210.9(g)** – restrictions on the hazardous substances do not apply to state-regulated general service incandescent lamps and enhanced spectrum lamps as defined in subdivision (k) of Section 1602 of Title 20 of the California Code of Regulations until January 1, 2014.



Is the lamp an incandescent light?

Yes



Is the lamp an enhanced spectrum?

No



Is the lamp or light a **state-regulated general-service incandescent lamp**?

Yes



No



The California Energy Commission defines a “**state regulated general service incandescent lamp**” as a standard incandescent or halogen type lamp that meets all of the following criteria:

1. It is intended for general service application and has a medium screw base;
2. It has a wattage rating  $> 25$  watts and  $< 150$  watts;
3. It has a rated voltage range at least partially within 110 and 130 volts;
4. It has a bulb finish of the frost, clear or soft white type; and
5. It has one of the following (or equivalent) shapes as defined in ANSI C78.20-2003: A-15, A-19, A-21, A-23, A-25, PS-25, PS-30, BT-14.5, BT-15, CP-19, TB-19, CA-22.



Is the lamp an incandescent light?

Yes



Is the lamp an enhanced spectrum?

No



Is the lamp or light a state-regulated general-service incandescent lamp?

Yes



HSC exemption  
25210.9(g)  
until 2014.

**25210.9(g)** – restrictions on the hazardous substances do not apply to state-regulated general service incandescent lamps and enhanced spectrum lamps as defined in subdivision (k) of Section 1602 of Title 20 of the California Code of Regulations until January 1, 2014.



Is the lamp an incandescent light?

Yes



Is the lamp an enhanced spectrum?

No



Is the lamp or light a state-regulated general-service incandescent lamp?

No



Does the lamp (or light) contain mercury?

Yes



No





Is the lamp an incandescent light?

Yes  
↓

Is the lamp an enhanced spectrum?

No  
↓

Is the lamp or light a state-regulated general-service incandescent lamp?

No  
↓

Does the lamp (or light) contain mercury?

Yes  
↓

RoHS exemption for Mercury (Application 4).

Yes  
←

Is the lamp a linear incandescent lamp with silicate coated tubes?

No  
→

**RoHS Application 4.** No restrictions on the amount of mercury in other lamps not mentioned in RoHS Directive Annex.

This exemption is only for Mercury. Please continue the flowchart to check for other hazardous materials.



Is the lamp an incandescent light?

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No



Is the lamp or light a state-regulated general-service incandescent lamp?

No



Does the lamp (or light) contain mercury?

No



Yes



Is the lamp a linear incandescent lamp with silicate coated tubes?

No





Is the lamp an incandescent light?

Yes



Is the lamp an enhanced spectrum?

No



Is the lamp or light a state-regulated general-service incandescent lamp?

No



Does the lamp (or light) contain mercury?

No



RoHS exemption for Lead (Application 19).

Yes



Is the lamp a linear incandescent lamp with silicate coated tubes?

**RoHS Application 19.** No restrictions on lead used in linear incandescent lamps with silicate coated tubes. This exemption is only for the application of Lead in the silicate coating of the glass. Please continue the flowchart to check for other hazardous materials.



Yes



No

Is lead used in high-melting-temperature type solders?



Is the lamp an incandescent light?

Yes



Is the lamp an enhanced spectrum?

No



Is the lamp or light a state-regulated general-service incandescent lamp?

No



Does the lamp (or light) contain mercury?

No



Is the lamp a linear incandescent lamp with silicate coated tubes?

No



Is lead used in high-melting-temperature type solders?



Yes



No



Is the lamp an incandescent light?

Yes  
↓

Is the lamp an enhanced spectrum?

No  
↓

Is the lamp or light a state-regulated general-service incandescent lamp?

No  
↓

Does the lamp (or light) contain mercury?

No  
↓

Is the lamp a linear incandescent lamp with silicate coated tubes?

No  
→

Is lead used in high-melting-temperature solders?

Yes  
↑

RoHS exemption for Lead (Application 7).

Is lead used in steel, aluminum, or copper alloy?

Yes  
↑

No  
↑

**RoHS Application 7.** No restrictions on lead used in High melting temperature type solders (i.e. tin-lead based alloys containing 85% by weight or more lead).  
  
This exemption is only for this application of Lead. Please finish flowchart and check for other hazardous materials.



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Is the lamp an enhanced spectrum?

No



Is the lamp or light a state-regulated general-service incandescent lamp?

No

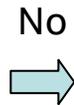


Does the lamp (or light) contain mercury?

No



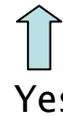
Is the lamp a linear incandescent lamp with silicate coated tubes?



Is lead used in high-melting-temperature type solders?



Is lead used in steel, aluminum, or copper alloy?





Is the lamp an incandescent light?

Yes  
↓

Is the lamp an enhanced spectrum?

No  
↓

Is the lamp or light a state-regulated general-service incandescent lamp?

No  
↓

Does the lamp (or light) contain mercury?

No  
↓

Is the lamp a linear incandescent lamp with silicate coated tubes?

No  
→

Is lead used in high-melting-temperature type solders?

↑  
No

Is lead used in steel, aluminum, or copper alloy?

↑  
Yes

**RoHS Application 6.**  
Lead used as an alloying element in steel can contain up to 0.35% lead by weight, 0.4% lead by weight for aluminum and 4% lead by weight for copper alloy.

**RoHS exemption for Lead (Application 6).**  
The lamp may contain no more than a maximum concentration in homogeneous materials of:

- 0.1% Lead by weight (1,000 ppm of lead),
- 0.1% by weight (1,000 ppm hexavalent chromium, PBBs, or PBDEs; and
- 0.01% by weight (100 ppm) of cadmium.



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Yes  
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No  
↓

Is the lamp or light a state-regulated general-service incandescent lamp?

No  
↓

Does the lamp (or light) contain mercury?

No  
↓

Is the lamp a linear incandescent lamp with silicate coated tubes?

No  
→

Is lead used in high-melting-temperature type solders?

↑  
No

Is lead used in steel, aluminum, or copper alloy?

↑  
No

The lamp may contain no more than a maximum concentration in homogenous materials of:

- 0.1% Lead by weight (1,000 ppm of lead),
- 0.1% by weight (1,000 ppm hexavalent chromium, PBBs, or PBDEs, and
- 0.01% by weight (100 ppm) of cadmium.