

Residential Kitchen Lighting

2016 California Energy Code Section 150 – Mandatory Features and Devices

b. Section 150.0 (k)1.C - Recessed downlight luminaires in ceilings:

Note: Luminaires recessed into ceiling shall be UL listed for zero clearance insulation contact, be airtight, be sealed with a gasket or calk, shall not contain screw bases sockets, and shall be marked “JA8-2016-E” compliant.

Table 150.0-A Classification of High Efficacy Light Sources	
High Efficacy Light Sources	
Only luminaires installed with the light sources listed in this table shall be classified as high efficacy.	
Light sources in this column other than those installed in ceiling recessed downlight luminaires are classified as high efficacy and are not required to comply with Reference Joint Appendix JA8	Light sources in this column shall be certified to the Commission as High Efficacy Light Sources in accordance with Reference Joint Appendix JA8 and be marked as meeting JA8.
<ol style="list-style-type: none"> 1. Pin-based linear or compact fluorescent light sources using electronic ballasts. 2. Pulse-start metal halide. 3. High pressure sodium. 4. GU-24 sockets containing light sources other than LEDs. ^{a,b} 5. Luminaires with hardwired high frequency generator and induction lamp. 6. Inseparable SSL luminaires that are installed outdoors. 7. Inseparable SSL luminaires containing colored light sources that are installed to provide decorative lighting. 	<ol style="list-style-type: none"> 8. All light sources in ceiling recessed downlight luminaires. Note that ceiling recessed downlights shall not have screw bases regardless of lamp type as described in Section 150.0(k)1C. 9. GU-24 sockets containing LED light sources. 10. Any light source not otherwise listed in this table and certified to the Commission as complying with Joint Appendix JA8.
Notes: a. GU-24 sockets containing light sources such as compact fluorescent lamps and induction lamps. b. California Title 20 Section 1605.3(k)4 does not allow incandescent sources to have a GU-24 base.	