

2008 California Energy Standards Residential Lighting Requirements

	2005 Standards	2008 Standards
Kitchen	High efficacy* or Up to 50% of the total wattage can be low efficacy All high-efficacy and low-efficacy lighting must be controlled separately	Minimum 50% rated wattage must be high efficacy.
Bathroom, Garage, Laundry Room, Closet and Utility Room	High efficacy or Manual-on occupant sensor	High efficacy or Manual-on occupant sensor
All Other Interior Room	High efficacy or Manual-on occupant sensor or Dimmer switch	High efficacy or Manual-on occupant sensor or Dimmer switch
Closet Less Than 70 sq ft	Low efficacy	Low efficacy
Outdoor Lighting (Attached to Building)	High efficacy or Controlled by motion sensor and integral photo-control	High efficacy or Controlled by a manual on/off switch, a motion sensor not having an override nor bypass switch that disables the motion sensor and Controlled by one of the following methods: a photo-control not having an override nor bypass switch, astronomical time clock not having an override or bypass switch, or EMCS not having an override, or bypass switch that allows the luminary to be always on. Low efficacy outdoor luminaries may have temporary override switch which bypass the motion sensing function for up to 6 hours provided that the override switch automatically reactivates the motion sensor
Common Areas (4 or more dwelling units)	High efficacy or Occupancy sensor	High efficacy or Occupancy sensor
Residential Parking (lots and garages for eight or more vehicles)	Must meet non-residential standards	Must meet non-residential standards

*High Efficacy Luminaries-

- For a lamp power rating of <u>5W or less</u>, a minimum lamp efficacy of <u>30 lm/W</u> is required
- For a lamp power rating of over 5W to 15W, a minimum lamp efficacy of 40 lm/W is required
- For a lamp power rating of over 15W to 40W, a minimum lamp efficacy of 50 lm/W is required
 For a lamp power rating of over 40W, a minimum lamp efficacy of 60 lm/W is required

^{*}For more information please refer to the 2008 California Energy Standard