

# 2013 TITLE 24 LIGHTING REQUIREMENTS

ROOM	LIGHTING REQUIREMENTS
Kitchen	High Efficacy or Up to 50% of the total wattage can be low efficacy. All high efficacy and low efficacy must be controlled separately

**Earn more low efficacy lighting:** If all lighting, both high efficacy and low efficacy, is controlled by dimmers, vacancy sensors or a lighting control system, the standards allow additional controlled low efficacy lighting to be installed in kitchens beyond the 50% maximum. Up to 50 watts in units 2500 sq. ft. or smaller, and up to 100 watts in units larger than 2500 Sq. Ft. There is no limit to how much high efficacy lighting may be installed.

Bathrooms	High Efficacy (minimum of one fixture) and all other lighting controlled by Vacancy Sensor. <small>Control integral lighting for ceiling fans separately</small>
Garages, Laundry and Utility Rooms	Shall be High Efficacy AND controlled by Vacancy Sensors

All other interior rooms (e.g., living room, dining room, bedroom, hallways) except closets less than 70 sq. ft.	High Efficacy or Vacancy Sensors or Dimmers
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Outdoor Lighting attached to buildings	High Efficacy or Controlled by photocell motion sensor Astronomical time clock w/temp override or Energy Management control system
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## RESIDENTIAL ENERGY LIGHTING REQUIREMENTS

HELP FOR THE HOMEOWNER  
CAMARILLO BUILDING AND SAFETY

	8/15/14
Building Official:	Date:
Date: 8/15/14	Sheet 1 of 2   B812

## Table 150-B

### HIGH EFFICIENCY LUMINAIRE REQUIREMENTS

LAMP POWER RATING FOR NON-LED LIGHTING (see note 1), OR SYSTEM POWER RATING FOR LED LIGHTING (see Notes 2, 3 and 4)	MINIMUM LAMP EFFICACY FOR NON-LED LIGHTING, OR MINIMUM SYSTEM EFFICACY FOR LED LIGHTING
5 watts or less	30 lumens per watt
over 5 watts to 15 watts	45 lumens per watt
over 15 watts to 40 watts	60 lumens per watt
over 40 watts	90 lumens per watt

1. Determine minimum lamp efficacy for lighting systems which are not LED using the initial rated lumens divided by the rated watts of the lamp (not including the ballast).
2. To qualify as high efficacy, an LED luminaire shall meet the minimum system efficacy requirements in Table 150-B when determined according to Reference Joint Appendix JA8, and be certified to comply with Section 119(m), and input power shall be determined according to Section 130(d)5.
3. For a Hybrid LED Luminaire to qualify as a high efficacy luminaire, all lighting systems in the luminaire shall qualify as high efficacy according to Section 150(k)1, and the LED Light Engine with Integral Heat Sink shall comply with Note 4, below.
4. To Qualify as high efficacy, an LED Light Engine with Integral Heat Sink shall meet the minimum system efficacy requirements in Table 150-B when determined according to Reference Joint Appendix JA8, shall be certified to comply with Section 119(m), and input power shall be determined according to section 130(d)5.