

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

Exception: Up to 50 watts for dwelling units less than or equal to 2500 sq. ft. or 100 watts for dwelling units larger than 2500 sq.ft. may be exempt from the 50 percent high efficacy requirement when all lighting in the kitchen is controlled in accordance with Sec. 150.0(k)2 and controlled by vacancy sensors.

Bathrooms

High efficacy (minimum of one fixture) and all other lighting controlled by vacancy sensor

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

Outdoor Lighting attached to buildings

High efficacy
or
Controlled by photocell motion sensor
Astronomical time clock w/no override
Energy Management control system



RESIDENTIAL ENERGY LIGHTING REQUIREMENTS

HELP FOR THE HOMEOWNER
MOORPARK BUILDING AND SAFETY

Ray Young, CBO

1/14/14

Building Official:

Date:

Date: 1/14/14

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B812

Table 150-C

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	40 lumens per watt
over 15 watts to 40 watts	50 lumens per watt
over 40 watts	60 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-C 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-C 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.