



Energy Code Compliance Guide: California Title 24-2022

- Both NC & RM
- New Remodel (RM)***
- New Construction (NC)

The chart below is an overview of the Code Requirements for Common Building Spaces. Please use this information as a guide. For specific code requirements please refer to the California Code of Regulations, Title 24, Part 6

Application	Shut OFF Control						Light Level Control		Additional Control		Outdoor Lighting Control		
	Area Control	Time Clock	Automatic Full OFF	Automatic Partial OFF via Occupancy Sensor	Automatic Partial ON via Occupancy Sensor	Vacancy Sensing control, manual ON only	Multi-level Control	Automatic multi-level Daylight Controls	Demand Response	Controlled Receptacles, Plug Load Controllers	Daylight Availability	Automatic Scheduling Controls	Motion Sensing Controls
Code Detail	All luminaires shall be functionally controlled with manual on and off lighting controls.	All areas not shut off by occupancy sensing must be shut off by a time switch control when the space is typically unoccupied.	Occupant-sensing controls must be used in specific areas to shut off lighting.	Partial-off occupancy sensing may be used in combination with another form of full automatic shutoff (exception: parking garage areas may use just partial-off sensing).	Partial-ON occupant sensing controls capable of automatically activating between 50 and 70 percent of controlled lighting power @ 100 SF or larger	Vacancy Sensing controls, where all lighting responds to a Manual ON input only	Any enclosed area ≥ 100 ft ² with a lighting power density > 0.5 W/ft ² , shall provide multi-level lighting control.	Areas in designated daylight zones with total power ≥ 120 watts use automatic multi-level daylight controls.	Buildings having a total installed lighting power of $\geq 4,000$ W shall be capable of automatically reducing lighting power, including controlled receptacles in response to demand response signals.	Both controlled and uncontrolled 120-volt receptacles shall be provided in office areas, lobbies, conference rooms, kitchen areas in office spaces, and copy rooms.	Lighting shall be controlled by a photo control, astronomical time-switch control or other control to automatically shut off when daylight is available.	Controls shall be capable of reducing the lighting power by 50-90%, and capable of turning the lighting off, during scheduled unoccupied periods. Scheduling a minimum of two nighttime periods with independent lighting levels is required.	Controls shall be capable of reducing the lighting power by 50-90%, and capable of turning the lighting off, during unoccupied periods. Motion sensing controls shall be capable of reducing the lighting to its dim or off state no longer than 15 minutes after the area has been vacated.
Code Address	130.1 (a)	130.1 (c)1.A	130.1(c) 1.A 130.1 (c) 5, 130.2 (a)	130.1 (c) 6, 7, 8 130.2 (c) 3	130.1 (c) 5.A	130.1 (c)5.B	130.1 (b)	130.1 (d)3.A	130.1 (e) 110.12 (c)	130.5 (d)	130.2 (c) 1	130.2 (c) 2	130.2 (c) 3
Space Type													
Private Office (<250sq.ft.)	■	—	■	—	■	●—●	■	■	■	■	—	—	—
Open Office (>250sq.ft.)	■	■—●	■	■	—	—	■	■	■	■	—	—	—
Conference, Meeting Room, Copy Room	■	—	■	—	■	●—●	■	■	■	■	—	—	—
Classroom, Lecture Hall, Training Room	■	—	■	—	■	●—●	■	■	■	—	—	—	—
Lobby	■	■—●	■	—	—	—	■	■	■	■	—	—	—
Corridor	■	■—●	■	■	—	—	—	■	■	—	—	—	—
Restroom	■	■—●	■	—	■	●—●	—	■	■	■	—	—	—
Stairwell, Exit Access	■	■—●	■	■	■	—	—	■	■	—	—	—	—
Gymnasium	■	—	■	—	—	—	■	■	■	—	—	—	—
Warehouse	■	—	—	■	—	—	■	■	■	—	—	—	—
Parking Garage	■	—	—	■	—	—	■	■	■	—	—	—	—
Site/Façade/ parking Garage roof	—	—	—	■	■	—	—	—	—	—	■	■	■
Multi-purpose Room <1,000 SF	—	—	■	—	—	—	—	■	—	—	—	—	—
Hotel and Motel Guest Rooms	—	—	—	■	—	—	—	—	—	—	—	—	—

*Classrooms with a connected general lighting load of 0.6 watts per square foot or less shall have a minimum of one control step between 30 and 70 percent of full rated power, regardless of luminaire type.
Parking Garage Roof tops are classified as outdoor hardscape and comply under 130.1(c)7B *Refer to Section 141.0(b)2 and Table 141.0-F for scope of alteration compliance.