



CA TITLE-24 FREQUENTLY ASKED QUESTIONS

OUTDOOR

Q: Does a street lighting fixture mounted over 24 feet need a motion sensor?

A: No. Any outdoor fixtures mounted over 24 feet require photo controls or astronomical time-switch controls only. Motion sensor controls are required, in addition to photo controls or astronomical time-switch controls, for most outdoor fixtures mounted 24 feet or less above the ground except some low power fixtures.

Q: Does a 70W area light require a motion sensor?

A: No. Pole-mounted outdoor luminaires each with a maximum rated wattage of 75 watts don't require motion sensor controls, require photo controls or astronomical time-switch controls only.

Q: Does a 30W flood light require a motion sensor?

A: No. Non-pole mounted outdoor luminaires each with a maximum rated wattage of 30 watts don't require motion sensor controls, require photo controls or astronomical time-switch controls only.

Q: Is the outdoor sales lighting requirement different?

A: Yes. Outdoor sales light require a motion sensor control capable of automatically reducing lighting power by at least 40 percent but not exceeding 80 percent, in addition to photo controls or astronomical time-switch controls.

Q: Is the outdoor sales lighting requirement different?

A: Yes. Outdoor sales light require a motion sensor control capable of automatically reducing lighting power by at least 40 percent but not exceeding 80 percent, in addition to photo controls or astronomical time-switch controls.

Q: What's CA Title 24

A: Title 24 of the California Code of Regulations, known as the California Building Standards Code or just "Title 24," contains the regulations that govern the new/existing construction of buildings in California. The 2013 edition of the California Building Standards Code (Title 24) became effective on January 1, 2014.

PARKING GARAGE

Q: Does parking garage light need multi-level control?

A: Yes. Parking garage LED fixtures need to meet the 10-100% continuous dimming requirement of Table 130.1-A.

Q: Does parking garage light need occupant sensor control?

A: Yes. Partial ON/OFF control: occupant sensing controls having at least one control step between 20 percent and 50 percent of design lighting power. Occupant sensing controls shall be capable of automatically turning the lighting fully ON only in the separately controlled space, and shall be automatically activated from all designed paths of egress.

Q: Is there any special requirement for garage application in day-lit zone?

A: Yes. Photo sensor is required to achieve daylight harvesting control.

INDOOR

Q: Does every indoor fixture need a sensor?

A: No. Different from outdoor fixtures, indoor fixtures are controlled by area or zone, and several fixtures are linked together and controlled by occupant sensor or dimmer integrated in another fixture or independently, be attention that the maximum zone controlled power is limited. **Above All Lighting** 0-10V dimming require 0-10V sink driver, see the sensor and dimmer manufacturer's manuals for compatibility.

CORRIDOR/STAIRWELL

Q: Does corridor and stairwell light need occupant sensor control?

A: Yes. Need to meet the 10-100% continuous dimming requirement of Table 130.1-A.

Q: Does corridor and stairwell light need multi-level control?

A: Yes. Lighting in stairwells and common area corridors shall be controlled with occupant sensing controls that automatically reduce lighting power by at least 50 percent when the areas are unoccupied. The occupant sensing controls shall be capable of automatically turning the lighting fully ON only in the separately controlled space, and shall be automatically activated from all designed paths of egress.

HIGH BAY

Q: Does corridor and stairwell light need occupant sensor control?

A: Multi-level occupant sensing control. **A:** Daylight harvesting control if located in day-lit zone.

GENERAL SPACES (TROFFER AND DOWN-LIGHT)

Q: What kind of control does general spaces lighting need?

A: As a commercial indoor fixture for general spaces, use with an occupant sensor and 0-10V dimming control.