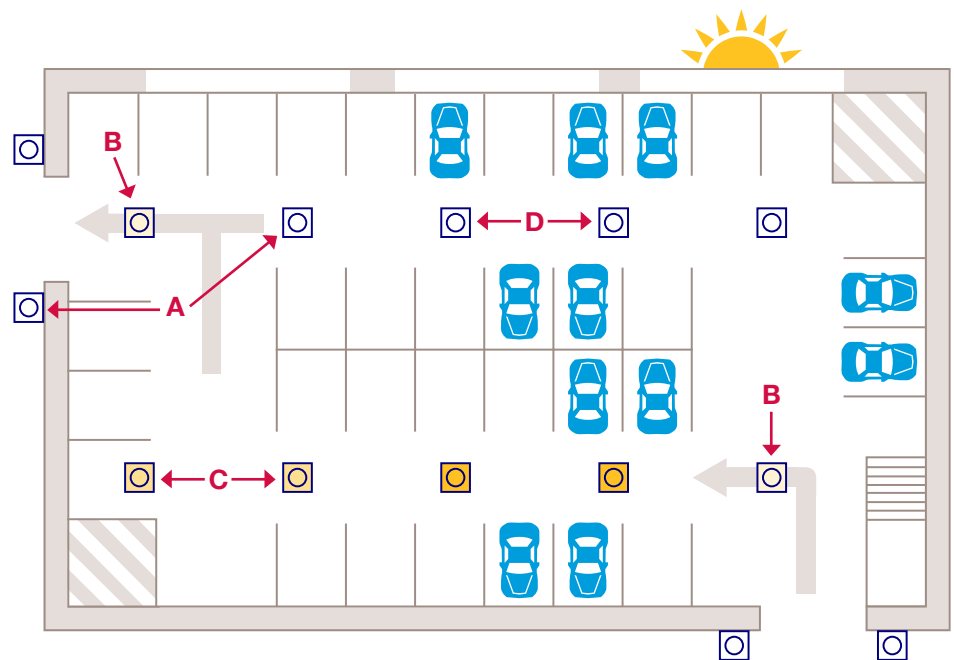


# ASHRAE lighting requirements are a walk in the parking garage

Part of ASHRAE Standard 90.1-2010 Energy Standard for Buildings Except Low-Rise Residential Buildings, 9.4.1.3 Parking Garage Lighting Control specifies control requirements.



- A.** Lights must have automatic full-off controls using schedules, an occupancy sensor that turns lighting off within 30 minutes, or a signal from another control. Don't need the lights on 24/7? Turn them off after-hours. Some can stay on for security.
- B.** To help eyes adapt to the bright-to-dark daytime transition of entering a parking garage, lighting for covered vehicle entrances and transition zone exits are exempt from the 30% reduction requirements. The catch? They must be separately controlled by a time switch or daylight sensor and automatically reduce light by at least 50% from sunset to sunrise.
- C.** If no activity is detected in a lighting zone (3,600 ft<sup>2</sup> maximum) for 20 minutes, lighting power must automatically reduce by at least 30%.
- D.** Light from luminaires on perimeter walls with daylighting potential must be separately controlled and automatically reduced in response to daylight (in zones no larger than 3,600 ft<sup>2</sup>).

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