

WASHINGTON STATE ENERGY CODE 2015

		Atrium	Classroom, Lecture Hall, Training Room	Conference, Break Room	Corridor ²	Guestroom ³	Lobby	Open Office (>300 sq. ft.)	Parking Garage ⁴	Private Office (<300 sq. ft.)	Restaurant/ Cafeteria, Retail	Restroom	Stairwell ²	Storage Room	Warehouse and Library Stacks ⁵	Façade/ Landscape	Other Exterior ⁶	
Manual Control	Switch		●	●		●				●		●		●				
	Dimmer or scene control	●			●		●	●			●				●			
Automatic ON/OFF Control	Timeclock	●					●		●		●				●	●	●	
	Occupancy sensor		●	●	●	●		●	●	●		●	●	●	●			
	Settings	Full ON				●		●		●		●	●		●	●	●	●
		Partial ON	●						●			●						
		Manual ON		●	●		●				●			●				
		Full OFF	●	●	●		●	●	●	●	●	●		●	●	●	●	●
		Partial OFF				● ⁷				●				● ⁷		●		●
Other	Daylight responsive control	●	● ⁸	●	●		●	● ⁸		● ⁸	● ⁹	●	●	●	●			
	Receptacle control		●	●				●		●								
	Demand response																	

1 All retrofits that add luminaires, or alter or replace 20% or more of the luminaires or lamps plus ballasts must comply with the lighting power requirements in section C405.4. Retrofits that replace 50% or more of parking garage luminaires, or 50% or more of the total installed lighting power of exterior luminaires must also comply with the lighting power requirements in C405.5. Retrofits that add less than 20% of the existing luminaires in an interior space or parking garage, or alter less than 20% of the total installed exterior lighting power must maintain or reduce the installed lighting power. Additional requirements may exist for retrofits that alter circuiting and/or wall/partition layouts.

2 To comply with some life safety code requirement for egress illumination, automatic full OFF is not suggested. For non-egress areas, the occupancy sensor should turn the lights to full OFF and a switching control may be used.

3 Sensor must reduce lighting power by at least 50% after vacancy of 15 minutes or less.

4 Timeclock ensures the lights are on when typically occupied. Occupancy sensor controls lights when typically unoccupied

5 When typically occupied, the occupancy sensor provides partial OFF functionality. When typically unoccupied, the sensor provides full OFF functionality.

6 Astronomical timeclock shall ensure all lights are off during daylight hours. Lights should be scheduled to Partial OFF during night hours.

7 Not a code requirement. Douglas recommends this solution for spaces designed as a path of egress.

8 These spaces require continuous daylight dimming to OFF.

9 Not required for sidelight daylight zones in ground-level occupancies, provided that the daylight zone is controlled independently from general lighting.