

ASHRAE - 2010

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

1 Retrofit requirements indicated are for lighting alterations greater than 10% of the connected load in a space.

2 To comply with some life safety code requirements 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 Manual device by the entry must control all permanently installed luminaires and switched receptacles, except those in the bathroom, which require occupancy sensor automatic shutoff within 60 minutes of vacancy.

4 Multi-level or dimming capability is not required in non-daylit lobbies.

5 When typically occupied, the sensor provides Partial OFF functionality. When typically unoccupied, the sensor provides Full OFF functionality. For entrances and exits, daylight responsive control is not recommended, and the maximum light level is set to 50% at night.

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

7 Not required for sidelight daylight zones in retail spaces.