

ASHRAE - 2016

		Atrium	Classroom, Lecture Hall, Training Room	Conference, Break Room	Corridor ²	Guestroom ³	Lobby ⁴	Open Office (>250 sq. ft.)	Parking Garage ⁵	Private Office (<250 sq. ft.)	Restaurant/ Cafeteria, Retail	Restroom	Stairwell ²	Storage Room	Warehouse and Library Stacks ⁴	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				●		●		●				●		●		●
Other	Daylight responsive control	●	●	●	●		●	●	●	●	● ⁷	●	●	●	●			
	Receptacle control		●	●		●		●		●								
	Demand response																	

- 1 Retrofit requirements indicated are for lighting alterations greater than 20% 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 Automatic OFF is required for all luminaires and switched receptacles. Bathrooms must have a separate automatic oOFF control for lighting.
- 4 When typically occupied, the occupancy sensor provides Partial OFF functionality. When typically unoccupied, the sensor provides Full OFF functionality.
- 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 required, and the maximum light level is set to 50% at night.
- 6 Astronomical timeclock shall ensure all lights are off during daylight hours. For lights mounted below 24 ft. provide occupancy sensing to Partial OFF. All other lighting shall be scheduled to Partial OFF during night hours. See section 9.4.1.4 for scheduling times.
- 7 Not required for sidelight daylight zones in retail spaces.