### Wattstopper® Quick Guide to 
**IECC (2018)**

#### Lighting Auto Off Control – Occupancy Sensor or Time Switch

**C405.2.1** Occupancy Sensor Controls  
- Lights auto off within 20 minutes (C405.2.1.1)  
- Manual turn-off (C405.2.1.3)

**C405.2.1.1.2** Manual On or Partial Auto On  
- Manual on or partial auto on ≤ 50% power

**C405.2.1.2** Warehouse Aisle and Open Area  
- Automatically reduce lighting ≥ 50% when unoccupied

**C405.2.1.3** Occupancy Sensors in Open Office  
- Light zones ≤ 2,000 sq ft
  - Auto off all zones within 20 minutes

**C405.2.2** Time Switch Controls  
- Provide automatic time switch
  - Override for ≤ 6 hours, control area ≥ 5,000 sq ft

**C405.2.2.2** Manual Light Reduction Control  
- Uniformly dim or switch off ≤ 50% of lighting

**C405.2.5** Manual Lighting Controls  
- Readily accessible to occupants  
  - Controlled lighting is visible from manual control

**C405.2.3** Daylight Responsive Control  
- Automatic control in buildings including in offices, classrooms, labs, library reading rooms. All other space types may use automatic dimming or auto shut off.
  - Configure to completely shut off lighting
  - Authorized control access within controlled space

**C405.2.4** Specific Application Controls  
- Control independent from other lighting in the space

**C405.2.4.3** Sleeping Units  
- Automatically switch off all installed luminaires and switch receptacles within 20 minutes of occupants leaving

**C405.2.5** Exterior Lighting Controls  
- Auto off when satisfactory daylight available  
  - Decorative lighting shut off - facade and landscape lighting auto off up to one hour after business close to 1 hour before business open  
  - Lighting within - reduce all other lighting ≥ 20% no later than midday to 6AM, one hour after closing to one hour before opening, or if no activity is detected for 15 minutes

**C405.2.6** Additional Efficiency Package  
- Comply with one of the following:
  1. More efficient HVAC performance  
  2. Reduced lighting power to 90%  
  3. Enhanced digital lighting controls  
  4. On-site renewable energy  
  5. Dedicated outdoor air provision  
  6. High-efficiency service water heating  
  7. Enhanced envelope performance  
  8. Reduced air infiltration

**C408.3** Lighting System Functional Testing  
- Before final inspection, a registered design professional provides evidence that lighting controls have been tested, calibrated, adjusted, programmed, and are in working condition.
  - Test occupancy sensors (C408.3.1.1)
  - Test auto time switch (C408.3.1.2)
  - Test daylight responsive (C408.3.1.3)

**Documentation Requirements**  
Provide owner documents certifying lighting controls meet performance criteria within 10 days after certification of occupancy

---

**Note:** This infographic is for informational purposes only. Always refer to the code for specific requirements or contact your local Wattstopper representative.

IECC is an acronym for the International Energy Conservation Code. For additional code resources visit Legrand’s Code Minisite.