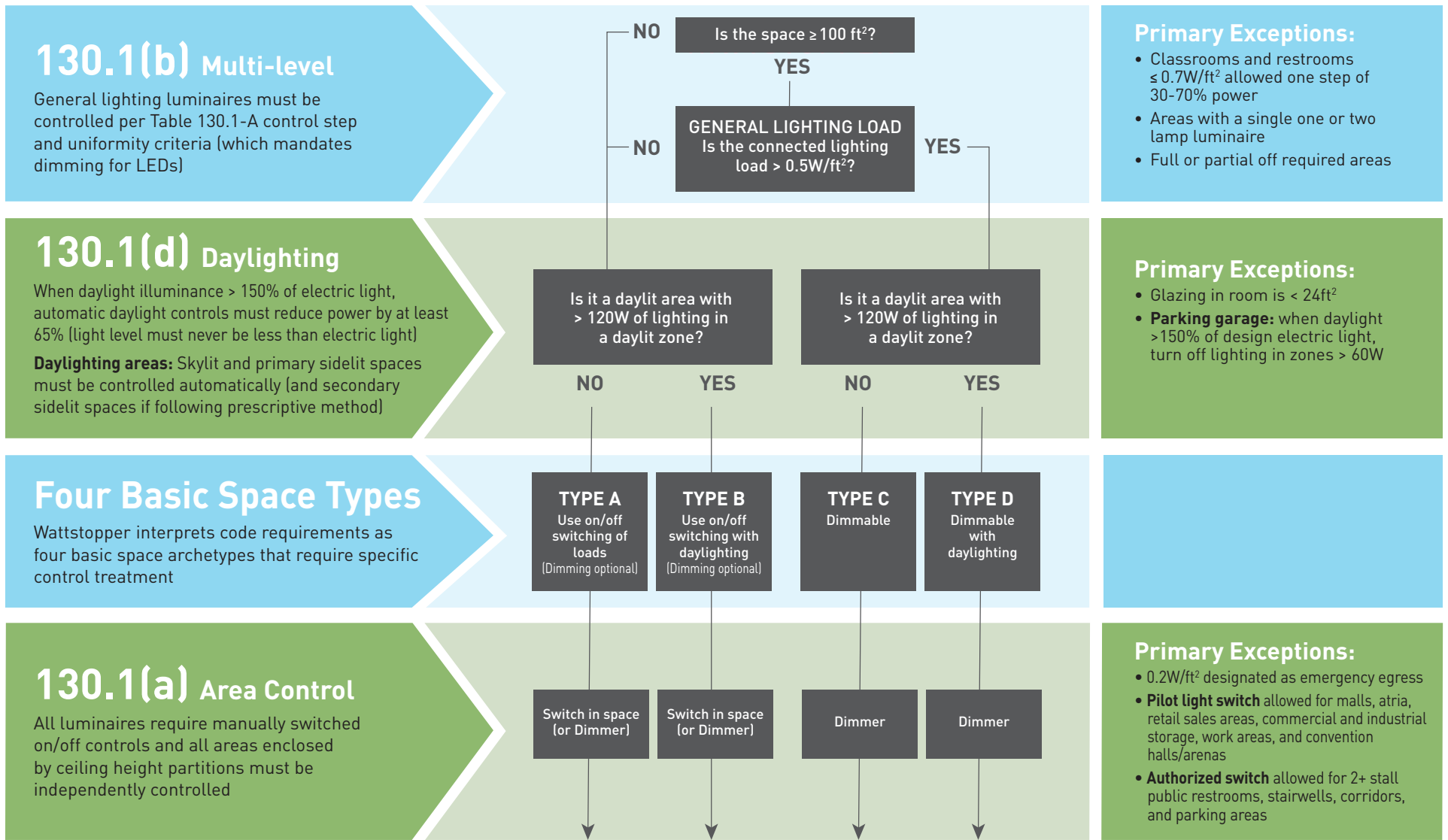


### State Policy Goal:

Title 24 Part 6 is the cornerstone of the State of California's energy efficiency strategic plan, which aims to achieve "Zero Net Energy" for new residences by 2020 and new non-residential buildings by 2030. This flowchart details the key elements of the code's non-residential mandatory interior lighting and power requirements.



#### Primary Exceptions:

- Classrooms and restrooms ≤ 0.7W/ft² allowed one step of 30-70% power
- Areas with a single one or two lamp luminaire
- Full or partial off required areas

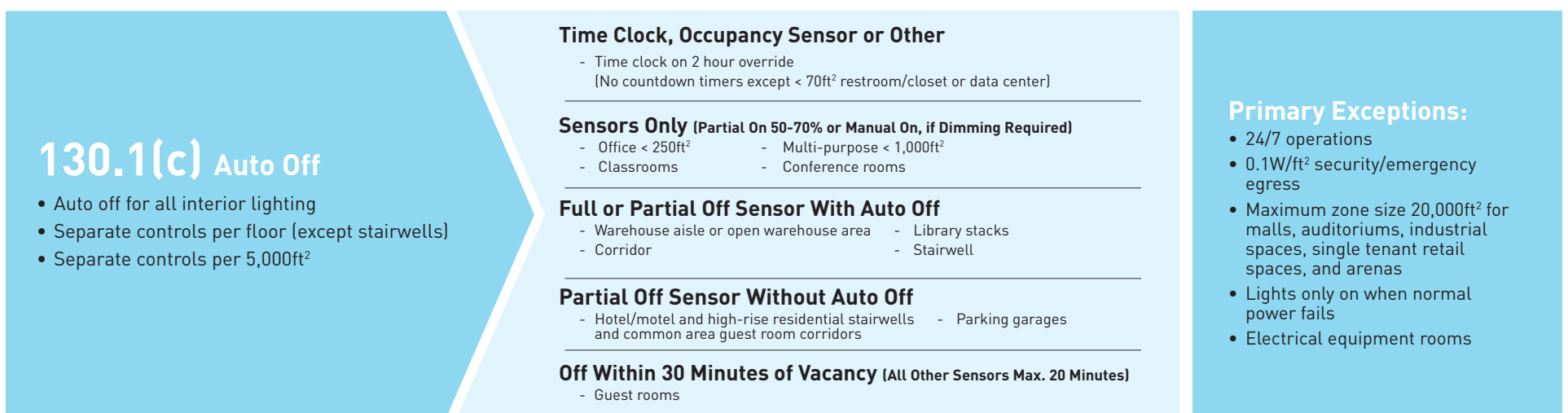
#### Primary Exceptions:

- Glazing in room is < 24ft²
- **Parking garage:** when daylight > 150% of design electric light, turn off lighting in zones > 60W

#### Primary Exceptions:

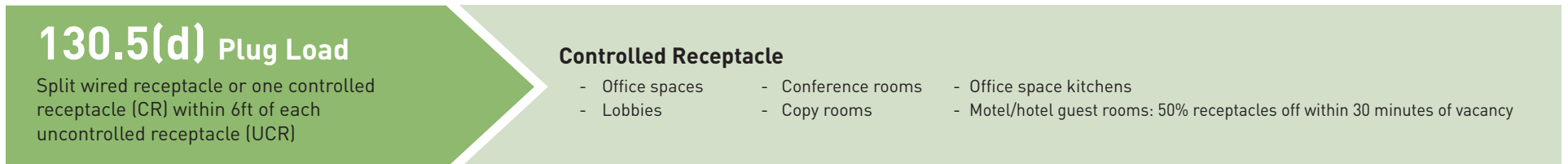
- 0.2W/ft² designated as emergency egress
- **Pilot light switch** allowed for malls, atria, retail sales areas, commercial and industrial storage, work areas, and convention halls/arenas
- **Authorized switch** allowed for 2+ stall public restrooms, stairwells, corridors, and parking areas

### Specific Auto Off Requirements for Lighting and Other Electrical Loads



#### Primary Exceptions:

- 24/7 operations
- 0.1W/ft² security/emergency egress
- Maximum zone size 20,000ft² for malls, auditoriums, industrial spaces, single tenant retail spaces, and arenas
- Lights only on when normal power fails
- Electrical equipment rooms



### Other Code Requirements

#### 130.1(e)

##### Demand Responsive Controls

- New buildings, additions, or tenant improvements > 10,000ft² capable of reducing total lighting power by at least 15%
- Reduction must be uniform
- Spaces < 0.5W/ft² shall not count toward 10,000ft² of total lighting power
- Capable of receiving and automatically responding to at least one standards-based protocol

#### 130.4

##### Acceptance Testing and Certification

- Documentation that the system complies with relevant plans, specifications, and codes prior to final occupancy permit

#### 130.5(a)

##### Metering

- Based on size of electrical service
  - < 50 KVA
  - 50-250 KVA
  - 250-1,000 KVA
  - > 1,000 KVA
- Enables measurement of energy use from a single point

#### 130.5(b)

##### Separation of Circuits

- Measurement devices can monitor electrical usage of load types
- 10% mixing per load type allowed

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

