

**SPACE ASSUMPTIONS**

- **Space** – Non-habital space
- **Electrical Load** – Greater than 0.5 watts per square feet planned
- **Building** – When cumulative permitted work area is larger than 10,000 square feet Demand Response is required (capable of lowering lighting power by 15%). Reference: See 130.1(e) page 144



**LPD** Lighting Power Density 0.7 watts per square feet required for Area Category Method

For Building Method requirements see table on page 68.

**SPACE LEVEL (AREA CONTROL)**

- Must be accessible to occupants to operate the lighting



Manually Switched ON/OFF

**Reference:**  
See 130.1(a) page 140

**MULTI-LEVEL LIGHTING**

- Luminaire must provide uniform dimming
- When a dimming luminaire is present a manual dimmer is recommended. Other functional options available.

Exceptions when multi-level control not required:

- <100 square feet
- 1 luminaire with a maximum of 2 lamps

Luminaire Dimming + Manual Dimmer + Lumen Maintenance Control + Tuning Control + Daylighting Control + Demand Response

(CHOOSE AT LEAST ONE)

**Reference:**  
See 130.1(b) page 140

**SHUTOFF CONTROL**

- Luminaires turned off when vacant
- Mechanical rooms - Countdown timer can be used in a space less than 70 square feet but no more than 10 minutes -- all server aisles no more than 30 minutes.

Electrical rooms - Must comply with Article 110.26(D) of the California Electrical Code. Generally, Auto Shutoff should not be used.

Occupancy Sensor + Manual On/ Auto Off + Remote Signal Control + Automatic Time Switch

(CHOOSE ONE OR MORE)

**Reference:**  
See 130.1(c) page 141

**AUTOMATIC DAYLIGHTING CONTROL**

AUTOMATIC DAYLIGHTING CONTROL NOT REQUIRED FOR ELECTRICAL MECHANICAL ROOM APPLICATIONS

**Reference:**  
See 130.1(d) page 143