



**INFORMATION BULLETIN / PUBLIC - BUILDING CODE**

REFERENCE NO.: L.A. Ordinance 171, 858

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## GENERAL ILLUMINATION AND LOCK REQUIREMENTS IN ACCORDANCE WITH ORDINANCE 171, 858

Ordinance 171, 858 effective January 12, 1998, adds new security lighting and lock requirements to the building code for new and existing apartment houses. An existing apartment house shall provide lights and locks or metal bars or grills which comply with 310.4, 1202, and chapter 67 of the code when it is sold, exchanged, or a permit is issued to add, alter, or repair with a valuation greater than \$10,000.00.

For new apartment buildings and additions:

	Exterior Parking Area	Parking Garage	Recreation or Service Rooms	Every Door in a Security Opening
3 or more Dwelling Units	Lighting Requirement	Lighting Requirement	Lighting Requirement	Lighting Requirement

For existing apartment buildings:

	Exterior Parking Area	Parking Garage	Recreation or Service Rooms	Every Door in a Security Opening	All Security Openings
3 or more Dwelling Units	Lighting Requirement	Lighting Requirement	Lighting Requirement	Lighting Requirement	Locks must comply with Div. 67

**Security Opening:** In general, all openings in an exterior wall and less than 16 ft. above any adjoining grade or landing and openings in enclosing partitions of a dwelling unit or guest rooms are security openings. (See 6705 for definition of security opening).

**Security Lighting:** Where lighting is required, location specified shall be provided with lights which have a minimum surface illumination of 0.2 foot candles measured at the floor level. All lights used to illuminate the parking area shall be designed, located and arranged so as to reflect the light away (sold, exchanged, or altered with valuation greater than \$10,000.00), provided lighting which affects adjacent residential properties is not brighter than 2-foot candles or if brighter than 2-foot candles and affecting residential properties shall be activated by motion sensors for a period not to exceed 20 minutes.

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Security Lock and metal bar/grill requirements:

1. A single swinging door, the active leaf of a pair of doors, and the bottom leaf of Dutch doors shall be equipped with a deadbolt and deadlocking latch. The deadbolt shall contain hardened inserts. The lock or locks shall be key-operated from the exterior side of the door and operable from the interior side by a device which does not require a key, special knowledge, or special effort to operate. The unlatching of any single or double leaf shall not require more than one operation for all exit doors except for Group R, Division 3 Occupancies. Straight dead bolts shall have a minimum throw of 1 inch and an embedment of not less than 5/8 inch, and a hook-shaped or an expanding-lug deadbolt shall have a minimum throw of 3/4 inch. 91.6709.2
2. Cylinder guards shall be installed on all cylinder locks whenever the cylinder projects beyond the face of the door or is otherwise accessible to gripping tools. 91.6710.
3. The metal strike plate for latches and holding device for projecting dead bolts in wood construction shall be secured to the jamb and the wall framing with screws no less than 2-1/2 inches long. 91.6709.7
4. Method of securing metal or wood overhead or sliding doors shall be in accordance with 91.6711.
5. Sliding doors and windows shall be provided with a device in the upper channel of the moving panel to prohibit raising and removing of the moving panel in the closed or partially open position. 91.6710 and 91.6715.1
6. Sliding glass doors and windows shall be equipped with locking devices and shall be so constructed and installed that they remain intact and engaged when subjected to the tests specified in 91.6717.1 and 91.6717.2.
7. Any release for metal bars, grills, grates or similar devices constructed to preclude human entry that are installed shall be located on the inside of the adjacent room and at least 24 inches from the closest opening through such metal bars, grills, grates or similar devices that exceeds two inches in any dimension. 91.6715.4
8. Louvered windows shall be protected by metal bars or grills with openings that have at least one dimension of 6 inches or less, which are constructed to preclude human entry. 91.6715.3

Refer to the security provisions contained in Chapter 67 of the Los Angeles City Building Code for complete requirements. See Information Bulletin P/BC 2002-043 "Emergency Escape Quick Release Systems" for installation requirements in other types of dwelling units.