



Legislation Text

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EXPLANATION: CAPITALS indicate matter added to existing law.
[Brackets] indicate matter deleted from existing law.

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INTRODUCTORY*

CITY OF BALTIMORE
COUNCIL BILL

Introduced by: Councilmember Kraft

A BILL ENTITLED

AN ORDINANCE concerning
Commercial Energy Efficiency - Lighting Systems

FOR the purpose of modifying the authorized methods for complying with automatic-lighting-shutoff requirements; requiring the use of a room key to activate the lighting in sleeping units of hotels, motels, boarding houses, and similar buildings; correcting, clarifying, and conforming related provisions; and providing for the application of this Ordinance to all new construction or substantial improvements for which a permit application is filed on or after January 1, 2013.

BY repealing and reordaining, with amendments
Article - Building, Fire, and Related Codes
Section(s) 9-102 (IECC § 505.2)
Baltimore City Revised Code
(Edition 2000)

SECTION 1. BE IT ORDAINED BY THE MAYOR AND CITY COUNCIL OF BALTIMORE, That the Laws of Baltimore City read as follows:

Baltimore City Revised Code

Article - Building, Fire, and Related Codes

Part IX. International Energy Conservation Code

§ 9-102. City modifications.

The additions, deletions, amendments, and other modifications adopted by the City are as follows:

Chapter 5. Commercial Energy Efficiency

[{As in IECC}]

SECTION 505 ELECTRICAL POWER AND LIGHTING SYSTEMS

505.1 General. {AS IN IECC}

505.2 Lighting controls. Lighting systems [shall] MUST be provided with controls as required in Sections 505.2.1, 505.2.2, 505.2.3, and 505.2.4.

505.2.1 Interior lighting controls. {AS IN IECC}

505.2.2 Additional controls. {AS IN IECC}

505.2.2.1 Light reduction controls. {AS IN IECC}

505.2.2.2 Automatic lighting shutoff. Buildings larger than 5,000 square feet (465 sq. m.) [shall] MUST be equipped with an automatic control device to shut off lighting in those areas. This automatic control device [shall] MUST function on either:

[1. A scheduled basis, using time-of-day, with an independent program schedule that controls the interior lighting in areas that do not exceed 25,000 square feet (2323 sq. m.) and are not more than one floor; or]

1. [2.] An occupant sensor that [shall turn] TURNS lighting off within [30] 15 minutes of an occupant leaving a space; or

2. [3.] A signal from another control or alarm system that indicates the area is unoccupied.

Exception: The following [shall] DO not require an automatic control device:

1. Sleeping [unit] UNITS (see [Section] § 505.2.3).

2. Lighting in spaces where patient care is directly provided.

3. Spaces where an automatic shutoff would endanger occupant safety or security.

[505.2.2.2.1 Occupant override. Where an automatic time switch control device is installed to comply with Section 505.2.2.2, Item 1, it shall incorporate an override switching device that:

1. Is readily accessible.

2. Is located so that a person using the device can see the lights or the area controlled by that switch, or so that the area being lit is annunciated.

3. Is manually operated.

4. Allows the lighting to remain on for no more than 2 hours when an override is initiated.

5. Controls an area not exceeding 5,000 square feet (465 m2).

Exceptions:

1. In malls and arcades, auditoriums, single-tenant retail spaces, industrial facilities and arenas, where captive-key override is utilized, override time shall be permitted to exceed 2 hours.
2. In malls and arcades, auditoriums, single-tenant retail spaces, industrial facilities and arenas, the area controlled shall not exceed 20,000 square feet (1860 m2).]

[505.2.2.2.2 Holiday scheduling. If an automatic time switch control device is installed in accordance with Section 505.2.2.2, Item 1, it shall incorporate an automatic holiday scheduling feature that turns off all loads for at least 24 hours, then resumes the normally scheduled operation.

Exception: Retail stores and associated malls, restaurants, grocery stores, places of religious worship and theaters.]

505.2.2.3 Daylight zone control. {AS IN IECC}

505.2.3 Sleeping unit controls. Sleeping units in hotels, motels, boarding houses or similar buildings [shall] MUST have at least one master switch at the main entry door that controls all permanently wired luminaires and switched receptacles, except those in the bathroom(s). Suites [shall] MUST have a control meeting these requirements at the entry to each room or at the primary entry to the suite. THESE CONTROLS MUST BE CONFIGURED SO AS TO REQUIRE THE USE OF THE ROOM KEY TO ACTIVATE THE LIGHTING IN THE UNIT OR SUITE.

505.2.4 Exterior lighting controls. {AS IN IECC}

505.3 to 505.7 {AS IN IECC}

SECTION 2. AND BE IT FURTHER ORDAINED, That this Ordinance applies to all new construction of a structure or substantial improvements to a structure for which a permit application is filed on or after January 1, 2013. For this purpose:

- (a) (1) “Substantial improvement” means any repair, reconstruction, rehabilitation, addition, or improvement of a structure, the cost of which equals or exceeds 50% of the market value of the structure before the improvement or repair is started.
- (2) If the structure has sustained substantial damage, any repairs are considered a substantial improvement, regardless of the actual repair work performed.
- (b) “Substantial damage” means damage of any origin sustained by a structure whereby the cost of restoring the structure to its before-damaged condition would equal or exceed 50% of the market value of the structure before the damage occurred.

SECTION 3. AND BE IT FURTHER ORDAINED, That the catchlines contained in this Ordinance are not law and may not be considered to have been enacted as a part of this or any prior Ordinance.

SECTION 4. AND BE IT FURTHER ORDAINED, That this Ordinance takes effect on the 30th day after the date it is enacted.

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BFR:IECC/LightShutOff/aa:me

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