ADDENDA

ANSI/ASHRAE/IES Addendum b to ANSI/ASHRAE/IES Standard 90.2-2018

Energy Efficient Design of Low-Rise Residential Buildings

Approved by ASHRAE and the American National Standards Institute on June 30, 2021, and by the Illuminating Engineering Society on June 9, 2021.

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FOREWORD

Addendum d clarifies the classification of the lighting provisions to better indicate which provisions apply to common areas (in multifamily structures or common buildings in single-family developments) and which provisions apply to the dwelling units.

Note: In this addendum, changes to the current standard are indicated in the text by <u>underlining</u> (for additions) and <u>strikethrough</u> (for deletions) unless the instructions specifically mention some other means of indicating the changes.

Addendum b to Standard 90.2-2018

Modify the standard as shown (I-P and SI units).

- 7.5.4 Multifamily Structures Common and Public Areas
- **7.5.4.1** <u>Public and Common Areas of Multifamily Residential Buildings.</u> In <u>public and</u> common-spaces of <u>multifamily residential buildings</u>, the lighting shall meet the requirements of ASHRAE/IES Standard 90.1, Table 9.6.1.
 - 7.5.4.2 Parking Garages and Parking Lots Serving Multifamily Structures
- a. *Parking garages* shall comply with ASHRAE/IES Standard 90.1, Section 9.4.1.2 and Table 9.5.1, if using the Building Area Method, or Section 9.4.1.2 and Table 9.6.1 if using the Space-by-Space Method.

Exception to 7.5.4.2(a): Parking garages serving an individual dwelling unit.

- b. Parking lots shall comply with ASHRAE/IES Standard 90.1, Sections 9.4.1.4 and 9.4.2.
- **7.5.4.3 Lighting for Common or Public Use Stairwells within Multifamily Structures.** Lighting in *stairwells* shall comply with the *stairwell* section of ASHRAE/IES Standard 90.1, Table 9.6.1.
- <u>7.5.5</u> <u>7.5.4.4</u> **Internally Illuminated Address Signs.** Internally illuminated address signs shall be separately controlled, and the installed lighting shall not consume more than 5 W.
- 7.5.6 7.5.4.5 Lighting Integral to *Pools* and Water Features. Lighting shall be separately controlled from all other lighting. *Dimmers* or automatic shut-off *controls* are not required for these lights. Each *luminaire* shall consume no more than 70 W.
- 7.5.7 7.5.4.6 Lighting in Elevators. All cab lighting systems shall comply with ASHRAE/ IES Standard 90.1, Section 10.4.3.
- 7.5.8 7.5.4.7 Blank Electrical Boxes. Blank electrical boxes for use as a lighting outlet that are more than 5.0 ft (1.5 m) above the finished floor, and that do not contain a *luminaire* or other device, shall be served by a *dimmer*, *automatic control device*, or fan speed control.
- 7.5.9 7.5.4.8 Night Lights. Permanently installed night lights shall be rated to consume no more than 2 W of power per luminaire.

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ASHRAE's short-range goal is to ensure that the systems and components within its scope do not impact the indoor and outdoor environment to a greater extent than specified by the Standards and Guidelines as established by itself and other responsible bodies.

As an ongoing goal, ASHRAE will, through its Standards Committee and extensive Technical Committee structure, continue to generate up-to-date Standards and Guidelines where appropriate and adopt, recommend, and promote those new and revised Standards developed by other responsible organizations.

Through its *Handbook*, appropriate chapters will contain up-to-date Standards and design considerations as the material is systematically revised.

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