



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

Public Review Draft

Proposed Addendum b to Standard 90.2-2018, Energy Efficient Design of Low-Rise Residential Buildings

**First Public Review (April 2021)
(Draft Shows Proposed Changes to Current Standard)**

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FOREWORD

This proposal intends to clarify 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 to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum b to 90.2-2018

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

7.5.4 ~~Multifamily Structures~~ Common and Public Areas

7.5.4.1 Public and Common Areas of ~~Multifamily Residential Buildings~~. In public and common-spaces of multifamily residential buildings, 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.

~~7.5.4.4~~ 7.5.5 Internally Illuminated Address Signs. Internally illuminated address signs shall be separately controlled, and the installed lighting shall not consume more than 5 W.

~~7.5.4.5~~ 7.5.6 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.

~~7.5.4.6~~ 7.5.7 Lighting in Elevators. All cab lighting systems shall comply with ASHRAE/IES Standard 90.1, Section 10.4.3.

~~7.5.4.7~~ 7.5.8 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.

~~7.5.4.8~~ 7.5.9 Night Lights. Permanently installed night lights shall be rated to consume no more than 2 W of power per luminaire.