

ADDENDA

**ANSI/ASHRAE/IES Addendum c to
ANSI/ASHRAE/IES Standard 90.2-2024**

High-Performance Energy Design of Residential Buildings

Approved by ASHRAE and the American National Standards Institute on January 30, 2026, and by the Illuminating Engineering Society on October 7, 2025.

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FOREWORD

Addendum c removes redundant and incompatible requirements for common area parking lots, garages, and stairwells. Additionally, it includes a new section for lighting power requirements in common areas.

For consistency with these updates, the term "public area" has been removed.

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

Addendum c to Standard 90.2-2024

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

7.5.4 Common and Public Areas

7.5.4.1 Public and Common Areas of Multifamily Residential Buildings. In ~~public and common areas of multifamily residential buildings~~, the lighting shall meet the requirements of Section 7.5.4.1.1 and 7.5.4.1.2.

7.5.4.1.1 Lighting Controls

7.5.4.2 ~~Parking Garages and Parking Lots~~

a. ~~Parking garages~~ shall comply with ANSI/ASHRAE/IES Standard 90.1-10, Section 9.4.1.2 and Table 9.5.1, if using the Building Area Method, or Section 9.4.1.2 and Table 9.5.2.1-1 and 9.5.2.1-2 if using the Space by Space Method.

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

b. ~~Parking lots~~ shall comply with ANSI/ASHRAE/IES Standard 90.1, Sections 9.4.1.4 and 9.4.2.

c. ~~Parking garages and parking lots~~ shall comply with Section 7.6.7

7.5.4.3 Lighting for Common or Public Use Stairwells. Lighting in ~~stairwells~~ shall comply with the ~~stairwell~~ section of ANSI/ASHRAE/IES Standard 90.1, Tables 9.5.2.1-1 and 9.5.2.1-2.

7.5.4.1.2 Lighting Power. Permanently installed interior lighting power shall be no greater than 0.44 W/ft² (4.73 W/m²) of lighting power for all interior ~~common areas~~. Permanently installed exterior lighting power shall comply with Table 7-6.

Exception to 7.5.4.1.2: ~~Common areas of multifamily buildings that comply with the lighting power requirements of Sections 9.2.2.1 and 9.2.2.2 of ANSI/ASHRAE/IES Standard 90.1.~~

Add new Table 7-6 and renumber existing tables and cross references accordingly.

Table 7-6 Exterior Lighting Power Allowances for Common Areas of Multifamily Buildings

Exterior Area Type	Exterior Lighting Power Allowance
<u>Base allowance of 200 W which may be used in any exterior area in addition to the exterior lighting power allowance</u>	
<u>Facade lighting</u>	<u>0.10 W/ft² (1.08 W/m²)</u>
<u>Roof terraces, special feature areas, walkways, plazas and ramps</u>	<u>0.07 W/ft² (0.75 W/m²)</u>
<u>Landscape</u>	<u>0.036 W/ft² (0.39 W/m²)</u>
<u>Entry doors</u>	<u>14 W/linear ft (45.92 W/linear m)</u>
<u>Stairs</u>	<u>Exempt</u>
<u>Parking lots and drives</u>	<u>0.037 W/ft² (0.40 W/m²)</u>
<u>All other areas not listed</u>	<u>0.20 W/ft² (2.15 W/m²)</u>

[. . .]

7.6.7.3 Multifamily Buildings (three or more units). *EVSE-installed and EV-ready spaces* shall be provided in accordance with Table 7-67. Where the calculation of percent served results in a fractional parking space, it shall round up to the next whole number.

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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.

ASHRAE will take the lead with respect to dissemination of environmental information of its primary interest and will seek out and disseminate information from other responsible organizations that is pertinent, as guides to updating Standards and Guidelines.

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