

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 ~~striketrough~~ (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 |
|--|--|
| Base allowance of 200 W which may be used in any exterior area in addition to the <u>exterior lighting power allowance</u> | |
| <u>Facade lighting</u> | 0.10 W/ft ² (1.08 W/m ²) |
| <u>Roof terraces, special feature areas, walkways, plazas and ramps</u> | 0.07 W/ft ² (0.75 W/m ²) |
| <u>Landscape</u> | 0.036 W/ft ² (0.39 W/m ²) |
| <u>Entry doors</u> | 14 W/linear ft (45.92 W/linear m) |
| <u>Stairs</u> | Exempt |
| <u>Parking lots and drives</u> | 0.037 W/ft ² (0.40 W/m ²) |
| <u>All other areas not listed</u> | 0.20 W/ft ² (2.15 W/m ²) |

[...]

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

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