



**BSR/ASHRAE/IES Addendum cw  
to ANSI/ASHRAE/IES Standard 90.1-2022**

**Public Review Draft**

# **Proposed Addendum cw to Standard 90.1-2022, Energy Standard for Sites and Buildings Except Low- Rise Residential Buildings**

**Second Public Review (March 2023)  
(Draft Shows Proposed Independent Substantive  
Changes to Previous Public Review Draft)**

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at [www.ashrae.org/standards-research--technology/public-review-drafts](http://www.ashrae.org/standards-research--technology/public-review-drafts) and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at [www.ashrae.org/bookstore](http://www.ashrae.org/bookstore) or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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## FOREWORD

*Based on public comments received on Addendum cw, the committee reviewed additional examples provided by the commenters and has determined a lower additional allowance will work for the majority of exit access stairways.*

*Because this is an allowance, not a requirement of the standard, a cost effective analysis was not necessary.*

*[Note to Reviewers: This public review draft makes proposed independent substantive changes to the previous public review draft. These changes are indicated in the text by underlining (for additions) and ~~striketrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the previous draft 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 substantive changes.]*

## Addendum cw to 90.1-2019

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### 9.5.2.2 Additional Lighting Power

[...]

(d) For interior exit stairways in which lighting is designed for egress and to provide 10 fc (108 Lx) minimum at the walking surface when the stairway is in use, additional lighting power shall be allowed per Table 9.5.3.1.

**Table 9.5.3.1 Additional Lighting Power**

Section	Description	Additional Lighting Power	Required Controls
[...]			
9.5.2.2(d)	Interior exit stairway	<del>2.0</del> <u>1.0</u> W/ft <sup>2</sup> ( <del>21.52</del> <u>10.76</u> W/m <sup>2</sup> )	9.4.1.1(g), <u>and either</u> 9.4.1.1(h) <u>or</u> <del>9.4.1.1(i)</del> <u>9.4.1.1(j)</u>