BSR/ASHRAE/IES Addendum s
to ANSI/ASHRAE/IES Standard 90.1-2025

Public Review Draft

Proposed Addendum s to Standard 90.1-2025, Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings

First Public Review (November 2026)
(Draft Shows Proposed Changes to Current Standard)

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FOREWORD

SSPC 90.1 adopted a control requirement for parking lot luminaires mounted 24 feet or less above finished grade in 2019. This requirement was in section 9.4 (2019). A later version moved it into a table in Section 9.5.3. In that move, the requirement was written as less than 24 feet only. This addendum fixes that error and retains the original statement of 24 feet or less.

The second part of this addendum reconciles the same requirement in Section 9.3, Simplified Method. When 9.3 was created in 2019, it erroneously included a value of 25 feet or less.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by <u>underlining</u> (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 s to 90.1-2025

Table 9.3.2 Simplified Building Method for Building Exteriors

Exterior Area Type	Exterior Lighting Power Density [a,b]	Controls
All exterior areas		All lighting shall be *automatically* controlled to shut off the lighting when daylight is available.
Parking lots with canopies	0.028 W/ft^2	*Luminaires* mounted 24 (7.3 m) ~~25~~ ft ~~(7.6 m)~~ or less above *grade* shall be controlled to reduce the power by at least 50% when no activity is detected for not longer than 15 minutes. All other *luminaires* shall be turned off or the power reduced by a minimum of 75% during nonoperating hours.
Parking lots without canopies and drives		

Table 9.5.3-2 Individual Lighting Power Densities for Building Exteriors Applications

	Lighting Zone 0	Lighting Zone 1	Lighting Zone 2	Lighting Zone 3	Lighting Zone 4	Section 9.4.1.5 Required Controls
Base Site Allowance (Base allowance may be used in tradable or non-tradable surfaces.)						
	40 W	135 W	240 W	340 W	475 W	
Tradable Surfaces (*LPD* for uncovered parking areas, *building* grounds, *building entrances*, exits and loading docks, canopies and overhangs, and outdoor sales areas may be traded.)						
Exterior Parking Areas (Including areas under canopies)						
Parking areas and drives	0.006 W/ft^2	0.013 W/ft^2	0.022 W/ft^2	0.031 W/ft^2	0.042 W/ft^2	(b) and either (d) or (e)
Parking areas and drives with *luminaires* >40 W and mounting height ~~<24 ft~~ ≤ 24 ft (7.3 m)	0.006 W/ft^2	0.013 W/ft^2	0.022 W/ft^2	0.031 W/ft^2	0.042 W/ft^2	(b) and (e)