

**INTERPRETATION IC 90.1-1999-4 OF
ASHRAE/IESNA STANDARD 90.1-1999
Energy Standard for Buildings Except Low-Rise Residential Buildings**

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Request from: Ronald Majette, Program Manager, Building Research and Standards Division, U.S. Department of Energy

Reference: This request for interpretation refers to the requirements presented in ASHRAE/IESNA Standard 90.1-1999, Section 9.3.1.2, Additional Interior Lighting Power.

Background: This section in the 1999 standard addresses those conditions where additional lighting may be required or desired in a space that would exceed that used for general lighting purposes. It appears that the intent of this section is to provide for additional lighting when needed but restrict its use such that it is used only for the intended purpose and not for general lighting. However, the text describing the specific lighted areas in a building where additional lighting may be applied and the identification of appropriate spaces to which to apply the additional power (checkmarks in the LPD table) appear to be contradictory. The identifying check marks in the Table 9.3.1.2 that identify appropriate space types for the additional power appear to be inconsistent with spaces for which the additional power allowances have been outlined in 9.3.1.2.1 (a), (b), and (c). For example, checkmarks are included for Exercise areas and dormitory living spaces but not for the office areas (VDT), atriums, or lobbies (decorative) that are common to many different building types.

Question: Is the intent of Section 9.3.1.2 “Additional Interior Lighting Power” that additional lighting power as described for spaces with decorative lighting, VDT use, and/or sales activities be allowed **only** in spaces where there is an associated checkmark in Table 9.3.1.2?

Answer: No.

Comment: Check marks provide an indicator of where additional power may be used, they do not grant or limit additional lighting power. The check mark intent is to refer the user to section 9.3.1.2, “Additional Interior Lighting Power”. It is the intent of the committee that additional power is allowed in spaces meeting the specific requirements of 9.3.1.2, “Additional Interior Lighting Power”.