

**INTERPRETATION IC 90.1-2001-17 OF  
ANSI/ASHRAE/IESNA STANDARD 90.1-2001  
Energy Standard for Buildings Except Low-Rise Residential Buildings**

**Date Approved: 22 June 2008**

**Request from:** Richard Heinisch (E-mail: [rheinisch@lithonia.com](mailto:rheinisch@lithonia.com)), Acuity Brands Lighting, One Lithonia Way, Conyers, GA 30012.

**Reference:** This request for interpretation refers to the requirements presented in ANSI/ASHRAE/IESNA Standard 90.1-2001, Section 9.3.1.2(c), relating to selection of a space type and the resulting lighting power allowance when using the Space-by-Space Method.

**Background:** There are a variety of spaces where several functions are performed in that space; e.g., a manufacturing facility may have both a manufacturing area and a storage area where these two areas are not divided by a wall. This frequently results in the area with the larger allowed LPD being assigned to the entire area; this artificially inflates the allowed watts.

**Interpretation:** The requirement in Section 9.3.1.2(c) for "the allowed lighting power density for the space type that most closely represents the proposed use of the space(s)" is interpreted as meaning that spaces shall be divided up by those proposed uses even though they are not separated by a wall.

**Question:** Is this interpretation correct?

**Answer:** Yes

**Comments:** This interpretation is correct and matches the intent of the requirements.