(This forward is provided for information only and is not part of the draft addendum.)

FOREWORD

Allow the building area method to be used for all buildings.

The original text does not work for the most common downtown buildings. It suggests that a building with 10 stories of office, 1 floor with a cafeteria, 1 ground level retail story, and 2 floors of below-grade parking would use 1.3 Watts per square foot for all areas including the cafeteria, retail, and parking garage.

The proposed text is written to parallel that of the space-by-space method in Sections 9.3.1.2.

Addendum 90.1ah

SECTION 9.3.1.1: (I-P and SI Editions)

9.3.1.1 Building Area Method of Calculating Interior Lighting Power Allowance. Use the following steps to determine the interior lighting power allowance by the building area method:

(a) Determine the appropriate building area type from Table 9.3.1.1 and the allowed lighting power density (watts/unit area) from the building area method column. For building area types not listed, selection of a reasonably equivalent type shall be permitted.
(b) Determine the gross lighted floor area (square feet or square meters) of the *building* area type.
(c) (c) Multiply the gross lighted floor area(s) of the *building* area type(s) times the *lighting power density*. The *interior lighting power allowance* for the building is the sum of the *lighting power allowances* of all building area types. Trade-offs among building area types are permitted provided that the total *installed interior lighting power* does not exceed the *interior lighting power allowance*.

Table 9.3.1.1
Lighting Power Densities Using
the Building Area Method

Building Area Type	Lighting Power Density (W/ft2)