**Modify as follows:**

**C405.4.2.2.1 Additional interior lighting power.** Where using the Space-by-Space Method, an increase in the interior lighting power allowance is permitted for specific lighting functions. Additional power shall be permitted only where the specified lighting is installed and automatically controlled separately from the general lighting, to be turned off during nonbusiness hours. This additional power shall be used only for the specified luminaires and shall not be used for any other purpose. An increase in the interior lighting power allowance is permitted in the following cases:

1. For lighting equipment to be installed in sales areas specifically to highlight merchandise, the additional lighting power shall be

determined in accordance with Equation 4-10.

Additional interior lighting power allowance = ~~300~~ 1000 W + (*Retail Area 1* **•** ~~0.36~~ 0.45 W/ft2) + (*Retail Area 2* **•** ~~0.36~~ 0.45

W/ft2) + (*Retail Area 3* **~~•~~** ~~0.84~~ 1.05 W/ft2) + (*Retail Area 4* **•** 1.87 W/ft2)

For SI units:

Additional interior lighting power allowance = ~~300~~ 1000 W + (*Retail Area 1* **• ~~3.87~~** 4.8 W/m2) + (*Retail Area 2* **•** 4.84 W/m2) +

(*Retail Area 3* **•** 11 W/m2) + (*Retail Area ~~2~~ 4* **•** ~~3.87~~ 20 W/m2) ~~+ (Retail Area 3 • 9.04 W/m2) + (Retail Area4 • 20.1 W/m2)~~

**(Equation 4-10)**

where:

|  |  |  |
| --- | --- | --- |
| *Retail Area 1* | = | The floor area for all products not listed in Retail Area 2, 3 or 4. |
| *Retail Area 2* | = | The floor area used for the sale of vehicles, sporting goods and small  electronics. |
| *Retail Area 3* | = | The floor area used for the sale of furniture, clothing, cosmetics and artwork. |
| *Retail Area 4* | = | The floor area used for the sale of jewelry, crystal and china. |

**Exception:** Other merchandise categories are permitted to be included in Retail Areas 2 through 4, provided that justification documenting the need for additional lighting power based on visual inspection, contrast, or other critical display is *approved* by the code official.

2. For spaces in which lighting is specified to be installed in addition to the general lighting for the purpose of decorative appearance or for highlighting art or exhibits, provided that the additional lighting power shall be not more than 1.0 W/ft2 (10.7 W/m2) of such spaces.