

## Lighting Application Worksheet for the 2000 IECC

Section 1 - Allowed Lighting Power Calculation				
A	B	C	D	E
Building or Area Type	Entire Building (watts per sq ft)	Tenant Area or Portion of Building (watts per sq ft)	Building or Space (sq ft)	Allowed Watts* (B or C x D)
Auditorium	NA	1.6		
Bank/financial institution <sup>a</sup>	NA	2.0		
Classroom/lecture hall <sup>b</sup>	NA	1.6		
Convention, conference or meeting center <sup>a</sup>	NA	1.5		
Corridor, restroom, support area	NA	0.8		
Dining <sup>a</sup>	NA	1.4		
Exercise center <sup>a</sup>	1.4	1.1		
Exhibition hall	NA	3.3		
Grocery store <sup>c</sup>	1.9	2.1		
Gymnasium playing surface	NA	1.9		
Hotel function <sup>a</sup>	NA	2.4		
Industrial work, < 20 ft ceiling height	NA	2.1		
Industrial work, ≥ 20 ft ceiling height	NA	3.0		
Kitchen	NA	2.2		
Library <sup>a</sup>	1.5	1.8		
Lobby--hotel <sup>a</sup>	NA	1.9		
Lobby—other <sup>a</sup>	NA	1.0		
Mall, arcade, or atrium	NA	1.4		
Medical and clinical care <sup>b, d</sup>	1.6	1.6		
Museum <sup>b</sup>	1.6	1.6		
Office <sup>b</sup>	1.3	1.5		
Religious worship <sup>a</sup>	2.2	3.2		
Restaurant <sup>a</sup>	1.7	1.7		
Retail sales, wholesale showroom <sup>c</sup>	1.9	2.1		
School	1.5	NA		
Storage, industrial and commercial	0.6	1.0		
Theater—motion picture	1.1	1.0		
Theater—performance <sup>a</sup>	1.4	1.5		
Other	0.6	1.0		
<b>Basic Allowed Watts (Subtotal)</b>				
*You may use only Column B or Column C. Do not use more than one column.				
Additional Power Allowances**				
F	G	H	I	J
Area Type/Allowance Type	Qualifying Power (watts)	Maximum Allowance (watts per sq ft)	Area (sq ft)	Allowance Smaller of B or (CxD)
<b>Additional Allowed Watts (Subtotal)</b>				
<b>Total Allowed Watts</b>				

\*\*Additional Power Allowances can be claimed for applicable allowance types (see explanations below which are keyed to building and area types in column A above).

a **Lighting for decorative purposes** – Up to 1.0 watt of additional power per sq ft of floor area can be claimed for decorative lighting that is in addition to the general lighting system and is separately controlled.

b **Lighting for visual display terminals** – Up to 0.35 watt of additional power per sq ft of floor area can be claimed to meet the requirements of visual display terminals (VDT) where VDT use represents the primary viewing task.

c **Merchandise display** – Up to 1.6 watt of additional power per sq ft of display area can be claimed for lighting installed to highlight specific merchandise provided the display lighting is separately controlled from the general lighting system. For display of fine merchandise, such as jewelry, fine apparel, and china, up to 3.9 watts of additional power per sq ft of actual case or shelf area can be claimed.

d **Emergency medical spaces** - Up to 1.0 watt of additional power per sq ft of floor area can be claimed for emergency, recovery, medical supply, and pharmacy spaces.

Section 2 - Actual Lighting Power Calculation						
A	B	C	D	E	F	
Fixture ID	Fixture Description	Lamp/Ballast	Quantity	Watts per Fixture	D x E	
<b>Total Actual Watts</b>						
Section 3 - Compliance Calculation						
1				<b>Total Allowed Watts</b>		
2				<b>Total Actual Watts*</b>		
3	<b>Project Compliance (line 1 - line 2; must be zero or greater)</b>					

\* Include watts from above plus watts from continuation sheet(s), if any.