

# Lighting Rules of Thumb

### **12.01 Offices, Commercial**

- A. General 1.5–3.0 Watts/Sq.Ft.
- B. Private 2.0–5.0 Watts/Sq.Ft.
- C. Conference, Meeting Rooms 2.0–6.0 Watts/Sq.Ft.

### **12.02 Banks, Court Houses, Municipal Buildings, Town Halls**

2.0–5.0 Watts/Sq.Ft.

### **12.03 Police Stations, Fire Stations, Post Offices**

2.0–3.0 Watts/Sq.Ft.

### **12.04 Precision Manufacturing**

3.0–10.0 Watts/Sq.Ft.

### **12.05 Computer Rooms**

1.5–5.0 Watts/Sq.Ft.

### **12.06 Restaurants**

1.5–3.0 Watts/Sq.Ft.

### **12.07 Kitchens**

1.5–2.5 Watts/Sq.Ft.

### **12.08 Cocktail Lounges, Bars, Taverns, Clubhouses, Nightclubs**

1.5–2.0 Watts/Sq.Ft.

### **12.09 Hospital Patient Rooms, Nursing Home Patient Rooms**

1.0–2.0 Watts/Sq.Ft.

### **12.10 Hospital General Areas**

1.5–2.5 Watts/Sq.Ft.

### **12.11 Medical/Dental Centers, Clinics, and Offices**

1.5–2.5 Watts/Sq.Ft.

### **12.12 Residential**

1.0–4.0 Watts/Sq.Ft.

### **12.13 Apartments (Eff., 1 Room, 2 Room)**

1.0–4.0 Watts/Sq.Ft.

### **12.14 Motel and Hotel Public Spaces**

1.0–3.0 Watts/Sq.Ft.

### **12.15 Motel and Hotel Guest Rooms, Dormitories**

1.0–3.0 Watts/Sq.Ft.

### **12.16 School Classrooms**

2.0–6.0 Watts/Sq.Ft.

### **12.17 Dining Halls, Lunch Rooms, Cafeterias, Luncheonettes**

1.5–2.5 Watts/Sq.Ft.

### **12.18 Libraries, Museums**

1.0–3.0 Watts/Sq.Ft.

### **12.19 Retail, Department Stores**

2.0–6.0 Watts/Sq.Ft.

### **12.20 Drug, Shoe, Dress, Jewelry, Beauty, Barber, and Other Shops**

1.0–3.0 Watts/Sq.Ft.

### **12.21 Supermarkets**

1.0–3.0 Watts/Sq.Ft.

### **12.22 Malls, Shopping Centers**

1.0–2.5 Watts/Sq.Ft.

### **12.23 Jails**

1.0–2.5 Watts/Sq.Ft.

### **12.24 Auditoriums, Theaters**

1.0–3.0 Watts/Sq.Ft. (3)

### **12.25 Churches**

1.0–3.0 Watts/Sq.Ft.

### **12.26 Bowling Alleys**

1.0–2.5 Watts/Sq.Ft.

**Notes:**

1. The lighting values for most energy conscious construction will be the lower values.
2. Actual lighting layouts should be used for calculating lighting loads whenever available.
3. Does not include theatrical lighting.