

# Reference Guide for Suggested Light Levels\*



Use this guide to make well-informed decisions on how best to incorporate light into your facility.

Building Area & Task

Suggested Average Maintained Footcandles (FC)

Suggested Range of Maintained Footcandles (FC)

## Warehouse & Storage

Bulky Items - Large Labels

10

No Suggested Range

Small Items - Small Labels

30

No Suggested Range

Cold Storage

20

10-30

Open Warehouse

20

10-30

Warehouse w/Aisles

20

10-30

## Commercial Office

Open Office

40

30-50

Private Office

40

30-50

Conference Room

30

No Suggested Range

Restroom

18

7.5-30

Lunch & Break Room

15

5-20

\*These are suggested lighting levels. Some areas require special lighting requirements related to specific tasks.  
Data Source: IES, The Lighting Handbook, 10th edition

**Building Area & Task**
**Suggested Average Maintained Footcandles (FC)**
**Suggested Range of Maintained Footcandles (FC)**
**Industrial & Manufacturing**
**Assembly**

Simple (Large Item)

**30**
**15-60**

Difficult (Fine)

**100**
**50-200**
**Component Manufacturing**

Large

**30**
**15-60**

Medium

**50**
**25-100**
**Parking Garages & Gas Stations**

Covered Parking

**5**

No Suggested Range

**Open Parking:**

Urban Setting

**1.5**
**.75-3**

Suburban Setting

**1**
**0.5-2**

Gas Station Canopy

**12.5**
**10-15**
**Automotive**

Showroom

**50**
**25-100**

Service Area

**50**
**25-100**
**Sales Lot:**

Urban Setting

**20**
**10-40**

Suburban Setting

**15**
**7.5-30**