

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