The following selected footcandle ranges represent the Illuminating Engineer Society's (IES) current illuminance recommendations. Individual applications will determine footcandle levels. Please refer to the IES Lighting Handbook for more detailed evaluation.

### Airplane Manufacturing
- Drilling, riveting, screw fastening: 20-75
- Final assembly, hangar: 50-200
- Inspection: 50-200
- Welding: 50

### Assembly
- Rough easy seeing: 20-50
- Rough difficult seeing: 50-200
- Medium: 100-200
- Fine: 200-500
- Extra fine: 500-1000

### Automobile Manufacturing
- Final assembly, finishing, inspecting: 200
- Body & chassis assembly: 100
- Body parts manufacturing: 100
- Frame assembly: 50

### Banks
- Lobby general: 10-50
- Writing areas: 20-70
- Teller stations, posting & keypunch: 50-150

### Barber Shops
- Beauty Parlors: 50-100

### Chemical Works
- 30

### Clothing Manufacturer
- Receiving, storing, shipping, winding, measuring: 20-50
- Pattern making, trimming: 50-100
- Shops, marking: 50-200
- Cutting, pressing: 100-500
- Sewing, inspection: 200-500

### Electrical Equipment Manufacturing
- Impregnating: 20-50
- Insulating coil winding, testing: 50-100

### Food Service Facilities
- Dining areas
  - Cashier: 20-50
  - Cleaning: 10-20
  - Dining: 5-20
  - Food displays: 30-100
  - Kitchen: 50-100

### Foundries
- Annealing furnaces: 20-50
- Cleaning: 20-50
- Core making: 50-200
- Inspection: 100-500
- Medium: 50-100
- Molding: 50-200
- Pouring, sorting: 50-100

### Garages-Motor Vehicles
- Storage: 5
- Parking garage: 10
- Service garage: 5-10
- Entrances: 50
- Repair area: 50-100

### Gymnasiums
- Assemblies: 10
- General exercise & recreation: 30
- Exhibitions, matches: 50

### Hospitals
- Rooms: 10-30
- Corridors, elevators and stairs: 10-20
- Front desk: 50-100
- Linen room: 100-200
- Sewing: 10-20
- General: 50-100
- Lobby: 50-100
- General lighting: 10-20
- Reading and working areas: 20-50

### Iron & Steel Manufacturing
- Stock, hot top, checker: 20
- Cellar, calcining: 10-30
- Building, slag pits, stripping yard: 20
- Control platforms, repairs, mixer building: 30
- Rolling mills: 30-50
- Shearing: 50
- Tin plate: 50
- Motor room, machine room: 30
- Inspection: 100

### Laundries
- Washing: 20-50
- Ironing: 20-100

### Library
- Ordinary reading, stacks: 20-50
- Book repair and binding: 20-50
- Study & notes, cataloging, card files, check desk: 20-100

### Machine Shops
- Rough bench: 20-50
- Medium bench, rough grading, buffing: 50-100
- Fine bench and work: 200-500

### Materials Handling
- Loading trucking: 10-20
- Picking stock classifying: 20-50
- Wrapping, packing, labeling: 20-50

### Offices
- Accounting: 50-100
- Audio-visual areas: 20-50
- Conference areas: 20-70
- Corridors, stairways: 20(k)
- Drafting: 50-200
- General and private offices: 50-100
- Lobbies, lounges and reception areas: 0-20

### Printing
- Photo engraving, etching, blocking: 20-50
- Color inspecting: 100-200
- Presses: 50-100
- Proofreading: 100-200
- Composing room: 50-100

### Schools
- Reading: 20-100
- Typing: 20-100
- Demonstrations: 100-200
- Sewing: 20-100

### Sheet Metal Works
- General: 100
- Tin plate inspection, galvanized, scribbling: 100-200

### Stores
- Circulation area stockroom: 10-30
- Merchandising, serviced: 30-100
- Merchandising, self-service: 200

### Textile Mills
- Cotton picking, carding, roving, spinning: 50
- Beaming & slashing: 150
- Drawing: 200
- Others: 100

### Warehousing, Storage
- Inactive: 5-10
- Active
  - Rough bulky: 10-20
  - Medium: 20
  - Fine: 20-50

### Welding
- General: 20-50

### Woodworking
- Rough sawing and bench work: 20-50
- Sizing, planing, rough sanding, medium quality machine and bench work, gluing, veneering, cooperage: 20-50
- Fine bench and machine work: 50-100
- Fine sanding and finishing: 50-100

### Footnotes:
- (a) Obtained with a combination of general light plus specialized supplementary lighting
- (k) Or not less than 1/5 the level in adjacent areas