createchange
Retrofit Lighting & Controls Solutions

Common Footcandle Requirements

APPLICATION	HORIZ	VERT	APPLICATION	HORIZ	VERT
Offices			**Manufacturing & Warehouse**		
Open	30	5	Raw Material Processing		
Data Processing Tasks	3	3	Coarse	10	
Printed Tasks	30		Medium	30	
Private	50	5	Fine	50	
Lobby, Reception Area	10	3	Very Fine	100	
Conference Rooms			Materials Handling		
Meeting	30	5	Wrapping, Packaging And Labeling	30	
Video Conference	50	30	Picking Stock, Classifying	30	
Exhibition Halls	10	3	Component Manufacturing		
Stairways & Corridors	5		Large	30	
Toilets & Washrooms	5		Medium	50	
Shopping Mall & Retail			Fine	100	
Main Concourse	30	5	Machining		
Service Corridors	30		Assembly		
General Retail	50		Simple	30	
Stock Rooms, Wrapping & Packaging	30		Difficult	100	
Supermarkets	50	10	Exacting	300	
Food Service			Warehousing And Storage		
Kitchen	50	3	Inactive	5	
Food Courts	30	3	Active: Bulky Items; Large Labels	10	
Dining	10	3	Active: Small Items; Small Labels	30	
Hospitals			Shipping And Receiving	30	
Corridors	10	3	Maintenance	50	
General Waiting Areas	10	3	**Exterior**		
General Nursing Station	30	5	Building Exteriors		
Lobby	5	3	Entrances	5	3
Medical Records	50	10	**Parking Garage**		
Stairways	10	3	Basic	1	0.5
Hotels			Ramps		
Guest Rooms	10		Day	2	1
Corridors, Stairs	5		Night	1	0.5
Lobby	10		Entrance Areas		
Educational Facilities			Day	50	25
Corridors		10	Night	1	0.5
Classroom	50	30	Stairways	2	1
Lecture Halls	100	50			
Gymnasiums					
Basketball	100	30			
Social Events	5	3			

This table shows a useful sampling of recommended footcandle values, for more comprehensive requirements please consult the IESNA Lighting Design Guide.