



IES FOOTCANDLE RECOMMENDATIONS

The lighting authority or IES Footcandle Recommendations for lighting are an important measurement to understand and can optimize productivity, morale and comfort. The following list includes a wide variety of lighting recommendations for various types of buildings and activities performed. Contact a Skyco Skylights professional for any further questions.

Assembly	Footcandles	Gymnasiums	Footcandles	Schools	Footcandles
Rough easy seeing	20-50	Assemblies	10	Reading	20-100
Rough difficult seeing	50-100	General exercise and recreation	30	Typing	20-100
Medium	100-200	Exhibition, matches	50	demonstrations	100-200
Fine	200-500				
Extra fine	500-1000	Hotels		Sheet Metal Work	
Automobile Manufacturing		Lobby, general lighting	10-20	General	100
Final assembly, finishing, inspecting	200	Front desk	50-100	Tin plate inspection, scribing	100-200
Body & chassis assembly	100	Reading and working areas	20-50		
Body parts manufacturing	100	Machine Shops		Stores	
Frame assembly	50	Rough bench	20-50	Merchandising, serviced	30-100
		Medium bench, rough grinding	50-100	Merchandising, self-serviced	200
Clothing Manufacturer		Fine bench work	200-500		
Receiving, storing, shipping	20-50	Material Handling		Warehousing, Storage	
Pattern making, trimming	50-100	Loading trucks	10-20	Rough bulky	10-20
Shops, marking	50-200	Picking stock, classifying	20-50	Medium	20
Cutting, pressing	100-500	Wrapping, packing, labeling	20-50	Fine	20-50
Sewing, inspection	200-500				
Food Service Facilities		Offices		Welding	
Dining areas	5-20	Accounting	50-100	General	20-50
Food displays	30-100	Audio-visual areas	20-50		
Kit chen	50-100	Conference areas	20-70	Woodworking	
		Corridors	20	Rough sawing, rough bench work	20-50
		Drafting	50-200	Sizing, sanding, medium bench work	20-50
		General and private offices	50-100	Fine bench work, finishing	50-100

Note: Footcandles over 200 require specialty lighting.



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