

Typical Light Levels

Lux	Foot Candles		Lux	Foot Candles	
		Factories			Home
20-75	2-7	Emergency Stairs, Warehouse	100-150	10-15	Washing
75-150	7-15	Exit/Entrance Passages	150-200	15-20	Recreational Activities
150-300	15-30	Packing Work	200-300	20-30	Drawing Room, Table
300-750	30-75	Visual Work: Production Line	300-500	30-50	Makeup
750-1,500	75-150	Typesetting: Inspection Work	500-1,500	50-150	Reading, Study
1,500-3,000	150-300	Electronic Assembly, Drafting	1,000-2,000	100-200	Sewing
		Office			Restaurant
75-100	7-10	Indoor Emergency Stairs	75-150	7-15	Corridor Stairs
100-200	10-20	Corridor Stairs	150-300	15-30	Entrance, Wash Room
200-750	20-75	Conference, Reception Room	300-750	30-75	Cooking/Dinning Room
750-1,500	75-150	Clerical Work	750-1,500	75-150	Show Window
1,500-2,000	150-2000	Typing, Drafting			
		Store			Hospital
75-150	7-15	Indoors	30-75	3-7	Emergency Stairs
150-200	15-20	Corridor/Stairs	75-100	7-10	Stairs
200-300	20-30	Reception	100-150	10-15	Sick Room, Warehouse
300-500	30-50	Display Stand	150-200	15-20	Waiting Room
500-750	50-75	Elevator	200-750	20-75	Medical Exam Room
750-1,500	75-150	Show Window, Packing Table	750-1,500	75-150	Operating Room
1,500-3,000	150-300	Storefront, Show Window	5,000-10,000	500-1000	Eye Inspection

Common Conversion Factors

Illuminance (Visible Flux Density)	$1 \text{ lm/m}^2 =$	1 lux (lx)
		10^{-4} lm/cm^2
		$10^{-4} \text{ phot (ph)}$
		$9,290 \times 10^{-2} \text{ lm/ft}^2$
		$9,290 \times 10^{-2} \text{ foot-candles}$
Luminance (Visible Flux Density per Solid Angle)	$1 \text{ lm/m}^2/\text{sr} =$	1 candela/m^2
Luminous Intensity (Visible Flux per Solid Angle)	$1 \text{ lm/sr} =$	1 candela
Luminous Flux (Visible Flux)	$1 \text{ lumen (lm)} =$	$1.464 \times 10^{-3} \text{ watts @ 555 nm}$