

Lighting Levels Guideline

Functional Area		Required Lighting	
		foot-candles	lux
Assembly/Pack-out (A&P)	a. Simple	30	300
	b. Difficult	100	1,000
Injection Molding, Rotocast, and Diecast	a. Without trimming	30	300
	b. With trimming	50	500
Hand Spray Painting	a. Coarse	30	300
	b. Medium	50	500
	c. Fine	100	1,000
Machining Areas	a. Rough bench or machine work	30	300
	b. Medium bench or machine work (ordinary automatic machines, rough grinders, medium buffing, and polishing)	50	500
	c. Fine bench or machine work (fine automatic machines, medium grinding, fine buffing, and polishing)	300-1,000	3,000-10,000
	d. Extra fine bench or machine work (fine grinding)	300-1,000	3,000-10,000
Quality Lab/Inspection Areas	a. Simple	30	300
	b. Difficult	100	1,000
Warehouse/Storage Areas	a. Inactive	5	50
	b. Active – bulky items, large labels	10	100
	c. Active – small items, small labels	30	300
Dangerous Goods Store		10	100
Shipping and Receiving		30	300
Canteen	a. Eating	10	100
	b. Serving Area	30	300
	c. Food Preparation	50	500
First Aid Room		50	500
General Office Areas		45	450
Service Areas	a. Stairways, corridors	5	50
	b. Elevators, freight and passenger	5	50
	c. Toilets and washrooms	10	100
Exits/Emergency Egress		3	30
Building Exterior	a. Active (pedestrian)	5	50
	b. Inactive (normally locked)	1	10
	c. Building Surrounds	1	10
Parking Lot/Roadway		3	30