

Patient Room		Illuminance (Lux)		Uniformity
Task	Notes	Horizontal (E _h)	Vertical (E _v)	Avg:Min
Ambient	E _h At Floor - To Cover 3ft Border Surrounding Bed	100-200		4 to 1
	E _v At 5' Aff*		20-40	
Exam	E _h on bed at 3' AFF	500-1000		2 to 1
	E _v at 4' AFF		200-400	
Reading	E _h and E _v at lap area on bed at 3' AFF	400-800	100-200	3 to 1
Night Check	E _h at 3' AFF; E _v at 4' AFF	30-60	6 to 12	4 to 1
Nightlight	at floor	2 to 4	N/A	
Medical Service	E _h at 3' AFF; E _v at 4'AFF	500	300	3 to 1
Guest Area Sitting	E _h and E _v at 2'-6" AFF	150-300	50-100	3 to 1

Patient Bathroom		Illuminance (Lux)		Uniformity
Task	Notes	Horizontal (E _h)	Vertical (E _v)	Avg:Min
General Ambient	E _h at floor; E _v at 3' to 5' AFF*	50-100	30-60	2 to 1
Vanity	E _h at 3' AFF	150-300		2 to 1
	E _v at 3' to 5' AFF at sink edge		200-400	
Nightlight	E _h at floor; E _v at 3' to 5' AFF	50-100	30-60	
Shower	E _h at floor; E _v at 3' to 5' AFF	100-200	50-100	2 to 1

Nurses' Station		Illuminance (Lux)		Uniformity
Task	Notes	Horizontal (E _h)	Vertical (E _v)	Avg:Min
Workplane	E _h at 2'-6" AFF*	500-1000	200-400	2 to 1
Work Station				
Day	E _h at floor; E _v at 5' AFF	300-600	200-400	3 to 1
Night	E _h at floor; E _v at 5' AFF	100-200	40-80	3 to 1

Corridors		Illuminance (Lux)		Uniformity
Task	Notes	Horizontal (E _h)	Vertical (E _v)	Avg:Min
General Corridors	E _h at floor; E _v at 5' AFF*	100-200	30-60	2 to 1
Patient Corridors				
Day	E _h at floor; E _v at 5' AFF	100-200	50-100	2 to 1
Night	E _h at floor; E _v at 5' AFF	50-100	20-40	2 to 1

Common Areas		Illuminance (Lux)		Uniformity
Task	Notes	Horizontal (E _h)	Vertical (E _v)	Avg:Min
General Corridors	E _h at floor; E _v at 5' AFF*	100-200	30-60	2 to 1
Lobby				
Day	E _h at floor; E _v at 5' AFF	400-800	75-150	4 to 1
Night	E _h at floor; E _v at 5' AFF	200-400	30-60	4 to 1
Reading/Waiting Areas	E _h and E _v at 2'-6" AFF	300-600	150-300	4 to 1
Reception Desk	E _h at 3'-6" AFF; E _v at 5' AFF	300-600	100-200	4 to 1
Waiting Rooms				
Day	E _h at floor; E _v at 4' AFF	200-80	15-30	4 to 1
Night	E _h at floor; E _v at 4' AFF	100-80	15-30	4 to 1

To convert lux to footcandles, divide lux value by 10.7

Illuminance levels listed in the charts above represent recommended industry standards for ages ranging from 25 to > 65.