

APPENDIX 3J  
Lighting Standard

Table 1 – Typical Lighting Requirements

Space Type	Fixture Type	Uniformity	Switched	Multi-level	Multi-zone	Dimmable	A/V programmable	Light Source	Illuminance (Lux) (average)	Height of measured Illumination
<b>General Open Office</b>	Direct/Indirect	3:1	X	X	X			Fluorescent or LED	300	0.76M
<b>Private Office</b>	Direct/Indirect	3:1	X					Fluorescent or LED	300	0.76M
<b>Meeting Room</b>	Direct/Indirect	3:1	X	X		X	X	Fluorescent or LED	500	0.76M
<b>Gallery Display</b>	Track grid and direct	Variable	X	X	X	X	X	LED and Fluorescent	General:20 Display: 2000 w/ dimming	0M - 2.0M
<b>Entrance</b>	Architectural Decorative	4:1	X	X	X		X	LED and Fluorescent	Day: 100 Night: 50	0M
<b>Concourse/ Informal Learning</b>	Adjustable grid, Display	Minimum average maintained illuminance	X	X	X	X	X	Fluorescent or LED	Ambient: 200 Display: 500	0M
<b>Classroom &gt;30 seats</b>	Direct/Indirect	3:1	X	X	X	X	X	Fluorescent or LED	General: 300 horizontal Whiteboard: 300	0.76M

## APPENDIX 3J Lighting Standard

---

									vertical	
<b>Classroom mid-size</b>	Direct/Indirect	3:1	X	X	X	X	X	Fluorescent or LED	General: 300 horizontal Whiteboard: 300 vertical	0.76M
<b>Classroom Assembly</b>	Direct Stage lighting	3:1	X	X	X	X	X	LED and fluorescent	General: 300 Stage: 2000	0.76M
<b>Library/ common</b>	Direct/Indirect, Decorative, Task, Adjustable	3:1	X	X	X	X	X	Fluorescent or LED	300 horizontal 200 vertical	0.76M
<b>Foundation lab</b>	Direct, Adjustable grid	3:1	X	X	X	X	X	Fluorescent or LED	300	0.76M
<b>Shops Clean</b>	Direct/indirect	3:1	X		X			Fluorescent or LED	300	0.76M
<b>Shops Industrial</b>	Direct	3:1	X		X			Fluorescent or LED	300	0.76M
<b>Studio General</b>	Direct/indirect	3:1	X	X	X			Fluorescent or LED	500	0.76M
<b>Studio Support</b>	Direct/indirect	3:1	X	X	X			Fluorescent or LED	300	0.76M
<b>Workshop</b>	Direct	3:1	X	X	X			Fluorescent or LED	300	0.76M

## APPENDIX 3J Lighting Standard

---

<b>Food Service</b>	Direct	3:1	X		X			Fluorescent or LED	500	0.76M
<b>Kitchen</b>	Direct	3:1	X					Fluorescent or LED	500	0.76M
<b>Dining Casual</b>	Direct/indirect	4:1	X		X			Fluorescent or LED	150	0.76M
<b>Lounge Faculty</b>	Direct, decorative	4:1	X	X	X			Fluorescent or LED	150	0.76M
<b>Computer Lab</b>	Direct/indirect	3:1	X	X	X	X		Fluorescent or LED	200	0.76M
<b>Photo Lab</b>	Height adjustable Direct/indirect  Explosion proof  Track grid  Full spectrum	3:1	X	X	X	X	X	Fluorescent or LED	500	0.76M
<b>Blackout Studio</b>	Adjustable Direct/indirect  Track grid	3:1	X	X	X	X	X	Fluorescent or LED	300	0.76M
<b>Drawing Studio</b>	Adjustable Direct/indirect  Track grid	3:1	X	X	X	X	X	Fluorescent or LED	500	0.76M
<b>Painting</b>	Adjustable	3:1	X	X	X	X	X	Fluorescent	500	0.76M

## APPENDIX 3J Lighting Standard

---

<b>Studio</b>	Direct/indirect Track grid							or LED		
<b>Project Lab</b>	Height adjustable Direct/indirect	3:1	X	X	X	X	X	Fluorescent or LED	300 Whiteboard	0.76M
<b>Animation Studio</b>	Height adjustable Direct/indirect Track grid	3:1	X	X	X	X	X	Fluorescent or LED	300	0.76M
<b>Graphics Studio</b>	Adjustable Direct/indirect	3:1	X	X	X	X	X	Fluorescent or LED	500	0.76M
<b>Industrial Lab</b>	Adjustable Direct/indirect	3:1	X	X	X	X	X	Fluorescent or LED	300	0.76M
<b>Paint Booth</b>	Direct Explosion proof	3:1	X					Fluorescent or LED	1000	0.76M
<b>Electrical Room</b>	Direct suspended	4:1	X					Fluorescent or LED	200	0.76M
<b>Electrical closet</b>	Direct	4:1	X					Fluorescent or LED	100	0.76M
<b>Mechanical Penthouse</b>	Direct suspended	4:1	X					Fluorescent or LED	200	0.76M
<b>Loading Dock</b>	Direct	4:1	X					Fluorescent or LED	100	0M

## APPENDIX 3J Lighting Standard

---

<b>Vestibules</b>	Direct	4:1	X					Fluorescent or LED	50	0M
<b>Washrooms</b>	Direct	4:1	X					Fluorescent or LED	150	0.76M
<b>Stairwells exit only</b>	Direct	4:1				X		LED	50	0.M
<b>Stairwells Active</b>	Direct	4:1						Fluorescent or LED	100	0.M
<b>Corridors</b>	Direct	4:1	X		X			Fluorescent or LED	50	0.M
<b>Service Rooms</b>	Direct suspended	4:1	X					Fluorescent or LED		
<b>Storage Inactive</b>	Direct	4:1	X					Fluorescent or LED	50	0.76M
<b>Storage Active</b>	Direct	4:1	X					Fluorescent or LED	100	0.76M
<b>Janitor closet</b>	Direct	4:1	X					Fluorescent or LED	50	0.76M
<b>Paint storage</b>	Direct explosion proof	4:1	X					Fluorescent or LED	200	0.76M
<b>Ceramic/ Sculpture</b>	Direct/indirect	3:1	X	X	X			Fluorescent or LED	500	0.76M