



Recommended Light Levels

Below is a list of recommended illumination levels for school locations in footcandles.

From the National Energy Education Development Project (NEED)'s Learning and Conserving Teacher Guide and Student Guide (2004) www.need.org

Area	Footcandles	Type of Lighting
Classrooms – general	50-75	fluorescent
Classrooms – art	50-75	fluorescent
Classrooms – computer	50-75	fluorescent (indirect)
Classrooms – drafting	75-100	fluorescent
Classrooms – sewing	75-100	fluorescent (task lighting)
Labs – general	50-75	fluorescent
Labs –demonstration	100-150	fluorescent (task lighting)
Auditorium seating areas	10-15	fluorescent
Auditorium concerts on stage	50-75	fluorescent
Kitchens	50-75	fluorescent
Cahiers	20-30	fluorescent (task lighting)
Dishwashing areas	20-30	fluorescent
Dining areas	10-20	fluorescent
Corridors and stairwells – elementary	10-15	fluorescent
Corridors and stairwells – middle	20-30	fluorescent
Corridors and stairwells – high	20-30	fluorescent
Gymnasiums	20-30	metal halide / fluorescent
Media Centers	50-75	fluorescent
Offices	75-100	fluorescent
Teacher workrooms	30-50	fluorescent
Conference rooms	30-50	fluorescent
Washrooms	20-30	fluorescent
Building exteriors and parking lots	1-2	sodium / metal halide

