

For a regular array of luminaires, the cylindrical/horizontal illuminance ratio should be calculated or measured at two positions, one directly beneath a luminaire and the other at the midpoint between luminaires. The minimum cylindrical/horizontal illuminance ratio should be exceeded at both positions.

Offices frequently contain a number of secondary spaces that are used intermittently for a wide variety of purposes. Table 9.5 gives the recommended maintained horizontal illuminances for these secondary spaces. Where face to face interaction is important it will also be necessary to provide adequate vertical illuminance. These spaces can contain specialised equipment or furnishings that require lighting to different illuminances than the general lighting (see SLL Lighting Guide 7 for advice).

Table 9.5 Recommended maintained illuminances for secondary office spaces

Space	Recommended maintained illuminance	Recommended maintained illuminance for special situations
Meeting or break-out rooms	300 lx (for normal meetings)	500 lx (if more intense reading and writing is done)
Training rooms	300 lx (for normal meetings)	500 lx (if more intense reading and writing is done)
Conference rooms	300 lx (for normal meetings)	500 lx (if more intense reading and writing is done)
Board rooms	300 lx (for normal meetings)	500 lx (if more intense reading and writing is done)
Reprographics rooms	300 lx (vertical on reprographic equipment)	300 lx (on collating, binding and dispatch tables)
Libraries/information centres	300 lx (general)	200 lx (vertically on bookcases); 500 lx (on reading desks and counters)
Archives/document stores	300 lx (general)	200 lx (vertically on fronts of shelving)
Break rooms	200 lx (general)	300 lx (on serving and preparation areas)
Medical rooms	300 lx (general)	500 lx (on medical examination area)
Canteens/restaurants	200 lx (general)	300 lx (serveries); 500 lx (kitchens)

All offices have circulation areas and service areas. Table 9.6 gives the recommended maintained illuminances for these areas, some of which will contain special equipment that requires lighting to different illuminances than the general lighting in the space.