

Leather and leather goods

	Maintained illuminance (lux)	Limiting glare rating	Minimum colour rendering (R_a)	Note
Work on vats, barrels, pits	200	25	40	
Fleshing, skiving, rubbing, tumbling of skins	300	25	80	
Saddlery work, shoe manufacture: stitching, sewing, polishing, shaping, cutting, punching	500	22	80	
Sorting	500	22	90	1
Leather dyeing (machine)	500	22	80	
Quality control	1000	19	80	
Colour inspection	1000	16	90	1
Shoe making	500	22	80	
Glove making	500	22	80	

Note:

1. Colour temperature of the light should be greater than 4000 K.

Illuminance values may be varied to suit circumstances; see section 2.3.2, Illuminance.

Libraries

	Maintained illuminance (lux)	Limiting glare rating	Minimum colour rendering (R_a)	Notes
Bookshelves	200	19	80	1
Reading areas	500	19	80	2
Counters	500	19	80	2

Notes:

1. The illuminance should be provided on the vertical face at the bottom of the bookshelf.
2. Local or localised lighting may be appropriate.

Illuminance values may be varied to suit circumstances; see section 2.3.2, Illuminance.

Lighting recommendations for traffic zones

	Maintained illuminance (lux)	Limiting glare rating	Minimum colour rendering (R_a)	Notes
Circulation areas and corridors	100	28	40	1, 2, 3, 4
Stairs, escalators, travelators	150	25	40	2, 5, 6, 7
Loading ramps/bays	150	25	40	8

Notes:

1. Illuminance to be measured at floor level.
2. The R_a and glare to be similar to adjacent areas, the lighting of exits and entrances to provide a transition zone to avoid sudden changes in direction.
3. The illuminance to be increased to 150 lux if there are vehicles on the route; this includes all corridors in hospitals.
4. In residential areas the illuminance may be reduced to 20 lux. Late-night low-level lighting may be used with manual override or presence detection.
5. Stairs should be lit to provide a contrast between the treads and the risers. Avoid specular reflections on the treads. Safety will be enhanced by the use of coloured nosings that contrast with the finish of the treads and risers.