

## Wood working and processing

	Maintained illuminance (lux)	Limiting glare rating	Minimum colour rendering ( $R_a$ )	Notes
Automatic processing (e.g. drying, plywood manufacture)	50	28	40	1
Steam pits	150	28	60	2
Saw frame	300	25	80	
Work at joiner's bench, gluing, assembly	300	25	80	
Polishing, painting, fancy joinery	750	22	80	1
Work on wood-working machines (e.g. turning, fluting, dressing, rebating, grooving, cutting, sawing, sinking)	500	19	80	1, 2
Selection of veneer woods	750	22	90	3
Marquetry, inlay work	750	22	90	3
Quality control, inspection	1000	19	90	3

### Notes:

1. Dust from sanding and similar operations may represent an explosion hazard; luminaires should be chosen appropriately.
2. Care should be taken to minimise stroboscopic effects on rotating machinery.
3. 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.