

Light level recommendations for safe, healthy & comfortable lighting:

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|-------------------------------------|----------------|
| Minimum light level | |
| For all occupied areas | 20 lux |
| Private Homes | |
| General | 150 - 200 lux |
| Kitchen, study, reading areas | 300 - 500 lux |
| Workshop and hobby areas, fine work | 800 - 1000 lux |
| Commercial Offices | |
| General | 500 Lux |
| Computer work stations | 300 – 500 Lux |
| Printer and filing rooms | 300 Lux |
| Drawing boards | 750 Lux |
| Staff Areas | |
| Changing rooms & toilets | 100 Lux |
| Lunchrooms | 200 Lux |
| Circulation Areas | |
| Lobbies & entrances | 200 Lux |
| Reception desks | 500 Lux |
| Lifts | 100 Lux |
| Corridors & stairs | 100 Lux |
| Live plants, green walls | 500 – 3000 Lux |
| Services | |
| Control rooms, server rooms | 300 Lux |
| Mechanical plant rooms | 150 Lux |
| Commercial Kitchens | |
| Serving & wash up areas | 300 Lux |
| Food prep & cooking | 500 Lux |
| Food storage | 150 Lux |
| Retail | |
| Small retail outlets | 500 Lux |
| Supermarkets | 750 - 1000 Lux |
| Large format - DIY, homewares etc | 1000 Lux |
| Showrooms | 500 – 750 Lux |
| Fabrication and processing | |
| Tool shops, arc welding | 300 – 750 Lux |
| Spot welding | 500 – 1000 Lux |
| Large item processing or assembly | 300 Lux |
| Small item processing or assembly | 500 - 1000 lux |
| Inspection and testing | 500 – 2000 Lux |
| Warehousing and storage | |
| Loading bays | 150 Lux |
| Unpacking & sorting | 200 Lux |
| Large item storage | 100 Lux |
| Small item storage | 200 Lux |
| Trade counter | 500 Lux |
| Packing & dispatch | 300 Lux |

NOTES: These guidelines are based on professional light level recommendations for safe and comfortable lighting. The NZ Building Code and AS/NZS 1680 series of standards give minimum light levels for NZ buildings. Healthcare, industrial processing and other applications may have special light level requirements. Factors other than light level may affect visual conditions. Consult an engineer or lighting designer for advice on specific projects.