

# Niveaux des tables du guide de design

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*Orientation and simple visual tasks.* Visual performance is largely unimportant. These tasks are found in public spaces where reading and visual inspection are only occasionally performed. Higher levels are recommended for tasks where visual performance is occasionally important.

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| A | Public spaces  | 30 lx (3 fc)   |
| B | Simple orientation for short visits                    | 50 lx (5 fc)   |
| C | Working spaces where simple visual tasks are performed | 100 lx (10 fc) |

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*Common visual tasks.* Visual performance is important. These tasks are found in commercial, industrial and residential applications. Recommended illuminance levels differ because of the characteristics of the visual task being illuminated. Higher levels are recommended for visual tasks with critical elements of low contrast or small size.

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|---|---|------------------|
| D | Performance of visual tasks of high contrast and large size   | 300 lx (30 fc)   |
| E | Performance of visual tasks of high contrast and small size, or visual tasks of low contrast and large size | 500 lx (50 fc)   |
| F | Performance of visual tasks of low contrast and small size  | 1000 lx (100 fc) |

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*Special visual tasks.* Visual performance is of critical importance. These tasks are very specialized, including those with very small or very low contrast critical elements. Recommended illuminance levels should be achieved with supplementary task lighting. Higher recommended levels are often achieved by moving the light source closer to the task.

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| G | Performance of visual tasks near threshold | 3000 to 10,000 lx<br>(300 to 1000 fc) |
|---|--|---------------------------------------|

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\* Expected accuracy in illuminance calculations are given in Chapter 9, Lighting Calculations. To account for both uncertainty in photometric measurements and uncertainty in space reflections, measured illuminances should be with  $\pm 10\%$  of the recommended value. It should be noted, however, that the final illuminance may deviate from these recommended values due to other lighting design criteria.