

5 Schedule of lighting requirements

5.1 Composition of the tables

Column 1 lists the **reference** number for each interior area, task or activity.

Column 2 lists those **areas, tasks or activities** for which specific requirements are given. If the particular interior area, task area or activity area is not listed, the values given for a similar, comparable situation should be adopted.

Column 3 gives the **maintained illuminance** \bar{E}_m on the reference surface (see 4.3) for the interior (area), task or activity given in Column 2.

NOTE 1 The maintained illuminance in some circumstances may need to be increased (see 4.3.3).

NOTE 2 Lighting control can be required to achieve adequate flexibility for the variety of tasks performed.

Column 4 gives the **maximum UGR limits** (Unified Glare Rating limit, UGR_l) that are applicable to the situation listed in Column 2.

Column 5 gives the **minimum illuminance uniformity** U_o on the reference surface for the maintained illuminance given in Column 3.

Column 6 gives the **minimum colour rendering indices** (R_a) (see 4.7.3) for the situation listed in Column 4.

Column 7 gives **specific requirements** for the situations listed in Column 5.

5.2 Schedule of interior areas, tasks and activities

Table 5.1 — Traffic zones inside buildings

Table 5.2 — General areas inside buildings – Rest, sanitation and first aid rooms

Table 5.3 — General areas inside buildings – Control rooms

Table 5.4 — General areas inside buildings – Store rooms, cold stores

Table 5.5 — General areas inside buildings – Storage rack areas

Table 5.6 — Industrial activities and crafts – Agriculture

Table 5.7 — Industrial activities and crafts – Bakeries

Table 5.8 — Industrial activities and crafts – Cement, cement goods, concrete, bricks

Table 5.9 — Industrial activities and crafts – Ceramics, tiles, glass, glassware

Table 5.10 — Industrial activities and crafts – Chemical, plastics and rubber industry

Table 5.11 — Industrial activities and crafts – Electrical and electronic industry

Table 5.12 — Industrial activities and crafts – Food stuffs and luxury food industry

Table 5.13 — Industrial activities and crafts – Foundries and metal casting

Table 5.14 — Industrial activities and crafts – Hairdressers

Table 5.15 — Industrial activities and crafts – Jewellery manufacturing

Table 5.16 — Industrial activities and crafts – Laundries and dry cleaning

Table 5.17 — Industrial activities and crafts – Leather and leather goods

Table 5.18 — Industrial activities and crafts – Metal working and processing

Table 5.19 — Industrial activities and crafts – Paper and paper goods

Table 5.20 — Industrial activities and crafts – Power stations

Table 5.21 — Industrial activities and crafts – Printers

Table 5.22 — Industrial activities and crafts – Rolling mills, iron and steel works

Table 5.23 — Industrial activities and crafts – Textile manufacture and processing

Table 5.24 — Industrial activities and crafts – Vehicle construction and repair

Table 5.25 — Industrial activities and crafts – Wood working and processing

Table 5.26 — Offices