## TABLE OF RECOMMENDED ILLUMINATION LEVELS (TAKEN FROM PHILIPS LIGHTING COURSE, PART I, LESSON 6)

| <b>S. No.</b> | Type of Work Offices   | Recommended Illumination Level (Lux) |        |
|---------------|--|--------------------------------------|--------|
|               |  | ·                                    | •      |
|               | Drawing Offices  | 1500                                 | 750    |
|               | Office Premises (normal office work, book-keeping, typing,     | 800                                  | 400    |
|               | correspondence, reading, writing, operating office machines)   |                                      |        |
|               | Premises where work is not carried out continuously (archives, | 150                                  | 75     |
|               | staircase, corridor, waiting room)                             |                                      |        |
|               | Schools  |                                      |        |
|               | General classrooms   | 500                                  | 250    |
|               | Art classrooms   | 800                                  | 400    |
|               | Sewing classrooms  | 800                                  | 450    |
| 3             | Industry   |                                      |        |
|               | Very fine (making watches & small instruments, engraving)      | 5000                                 | *2500  |
|               | Fine (fine assembly work, setting turret lathes, fine turning, | 2000                                 | *1000  |
|               | fine pressing, polishing)                                      |                                      |        |
|               | Ordinary (drilling, rough turning, ordinary assembly work)     | 800                                  | 400    |
|               | Rough (forging, rolling)                                       | 300                                  | 150    |
| 4             | Shops  |                                      |        |
|               | Sales premises, showrooms                                      | 1000                                 | 500    |
|               | In other places  | 500                                  | 250    |
|               | Shop windows   |                                      |        |
|               | Shopping centres   | 2000                                 | **1000 |
|               | At streets   | 1000                                 | **500  |
| 5             | Churches   | 150                                  | 75     |
| 6             | Homes  |                                      |        |
|               | Living rooms   |                                      |        |
|               | Local lighting (visual task)                                   | 1000                                 | 500    |
|               | General lighting (environmental lighting)                      | 100                                  | 50     |
|               | Kitchen  |                                      |        |
|               | Local Lighting (working plane)                                 | 500                                  | 250    |
|               | General lighting   | 250                                  | 125    |
|               | Bedrooms, bathrooms, toilets                                   |                                      |        |
|               | Local Lighting   | 500                                  | 250    |
|               | General lighting   | 250                                  | 125    |
|               | Corridors, staircases, attics, cellars, store rooms            |                                      |        |
|               | Local Lighting   | 500                                  | 250    |
|               | General lighting   | 100                                  | 50     |
|               | 5 · 0  |                                      |        |

<sup>\*</sup> General lighting, if necessary with local lighting

 $<sup>\</sup>ensuremath{^{**}}$  To be supplemented with spotlights up to 10000 Lux (local lighting)