

| Ref.<br>no. | Type of task/activity area | $\bar{E}_m$<br>lx     |                       | $U_o$ | $R_a$ | $R_{UGL}$ | $\bar{E}_{m,z}$<br>lx | $\bar{E}_{m,wall}$<br>lx | $\bar{E}_{m,ceiling}$<br>lx | Specific requirements        |
|-------------|----------------------------|-----------------------|-----------------------|-------|-------|-----------|-----------------------|--------------------------|-----------------------------|------------------------------|
|             |                            | required <sup>a</sup> | modified <sup>b</sup> |       |       |           | $U_o \geq 0,10$       |                          |                             |                              |
|             |                            |                       |                       |       |       |           |                       |                          |                             |                              |
| 31.12       | Invisible mending          | 1 500                 | 2 000                 | 0,70  | 90    | 19        | 150                   | 150                      | 100                         | 4 000 K ≤ $T_{cp}$ ≤ 6 500 K |
| 31.13       | Hat manufacturing          | 500                   | 750                   | 0,60  | 80    | 22        | 150                   | 150                      | 75                          |                              |

<sup>a</sup> required: minimum value  
<sup>b</sup> modified: considers common context modifiers in 5.3.3

Table 32 — Industrial activities and crafts – Vehicle construction and repair

| Ref. no. | Type of task/activity area                    | $\bar{E}_m$ lx        |                       | $U_o$ | $R_a$ | $R_{UGL}$ | $\bar{E}_{m,z}$ lx | $\bar{E}_{m,wall}$ lx | $\bar{E}_{m,ceiling}$ lx | Specific requirements              |
|----------|-----------------------------------------------|-----------------------|-----------------------|-------|-------|-----------|--------------------|-----------------------|--------------------------|------------------------------------|
|          |                                               | required <sup>a</sup> | modified <sup>b</sup> |       |       |           | $U_o \geq 0,10$    |                       |                          |                                    |
|          |                                               |                       |                       |       |       |           |                    |                       |                          |                                    |
| 32.1     | Press shop - large parts                      | 300                   | 500                   | 0,60  | 80    | 25        | 100                | 50                    | 30                       |                                    |
| 32.2     | Press shop - visual inspection                | 500                   | 750                   | 0,60  | 80    | 22        | 150                | 50                    | 30                       |                                    |
| 32.3     | Body work and assembly - automatic line       | 300                   | 500                   | 0,60  | 80    | 25        | 100                | 50                    | 30                       |                                    |
| 32.4     | Body work and assembly - manual welding       | 500                   | 750                   | 0,60  | 80    | 22        | 150                | 50                    | 30                       |                                    |
| 32.5     | Painting, spraying chamber, polishing chamber | 750                   | 1 000                 | 0,70  | 80    | 22        | 150                | 150                   | 30                       |                                    |
| 32.6     | Painting, inspection, touch-up and polishing  | 1 000                 | 1 500                 | 0,70  | 90    | 19        | 150                | 150                   | 30                       | 4 000 K $\leq T_{cp} \leq$ 6 500 K |
| 32.7     | Upholstery manufacture (manual)               | 1 000                 | 1 500                 | 0,70  | 80    | 19        | 150                | 50                    | 30                       |                                    |

| Ref. no.                                                           | Type of task/activity area                                                                                                                                       | $\bar{E}_m$ lx        |                       | $U_o$ | $R_a$ | $R_{UGL}$ | $\bar{E}_{m,z}$ lx | $\bar{E}_{m,wall}$ lx | $\bar{E}_{m,ceiling}$ lx | Specific requirements                                         |
|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------|-------|-----------|--------------------|-----------------------|--------------------------|---------------------------------------------------------------|
|                                                                    |                                                                                                                                                                  | required <sup>a</sup> | modified <sup>b</sup> |       |       |           | $U_o \geq 0,10$    |                       |                          |                                                               |
| 32.8                                                               | Detailing:<br>- Subparts assembly (doors, dashboard, upholstery)<br>- Underchassis assembly<br>- Motor and mechanical assembly<br>- Final assembly conveyor line | 750                   | 1 000                 | 0,70  | 80    | 22        | 150                | 50                    | 30                       |                                                               |
| 32.9                                                               | Detailing:<br>- work with electronics                                                                                                                            | 750                   | 1 000                 | 0,60  | 90    | 22        | 150                | 50                    | 30                       | 4 000 K $\leq T_{cp} \leq$ 6 500 K for recognition of colours |
| 32.10                                                              | Final inspection                                                                                                                                                 | 1 000                 | 1 500                 | 0,70  | 90    | 19        | 150                | 150                   | 30                       |                                                               |
| 32.11                                                              | General vehicle services, repair and testing                                                                                                                     | 500                   | 750                   | 0,60  | 80    | 22        | 100                | 50                    | 30                       | Consider local lighting.                                      |
| <sup>a</sup> required: minimum value                               |                                                                                                                                                                  |                       |                       |       |       |           |                    |                       |                          |                                                               |
| <sup>b</sup> modified: considers common context modifiers in 5.3.3 |                                                                                                                                                                  |                       |                       |       |       |           |                    |                       |                          |                                                               |

Table 33 — Industrial activities and crafts – Wood working and processing

| Ref. no. | Type of task/activity area                               | $\bar{E}_m$ lx        |                       | $U_o$ | $R_a$ | $R_{UGL}$ | $\bar{E}_{m,z}$ lx | $\bar{E}_{m,wall}$ lx | $\bar{E}_{m,ceiling}$ lx | Specific requirements |
|----------|----------------------------------------------------------|-----------------------|-----------------------|-------|-------|-----------|--------------------|-----------------------|--------------------------|-----------------------|
|          |                                                          | required <sup>a</sup> | modified <sup>b</sup> |       |       |           | $U_o \geq 0,10$    |                       |                          |                       |
|          |                                                          |                       |                       |       |       |           |                    |                       |                          |                       |
| 33.1     | Automatic processing, e.g. drying, plywood manufacturing | 50                    | -                     | 0,40  | 40    | 28        | -                  | -                     | -                        |                       |
| 33.2     | Steam pits                                               | 150                   | 200                   | 0,40  | 40    | 28        | 50                 | 50                    | 30                       |                       |

| Ref. no.                                                           | Type of task/activity area                                                                                   | $\bar{E}_m$ lx        |                       | $U_o$ | $R_a$ | $R_{UGL}$ | $\bar{E}_{m,z}$ lx | $\bar{E}_{m,wall}$ lx | $\bar{E}_{m,ceiling}$ lx | Specific requirements                |
|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------|-------|-----------|--------------------|-----------------------|--------------------------|--------------------------------------|
|                                                                    |                                                                                                              | required <sup>a</sup> | modified <sup>b</sup> |       |       |           | $U_o \geq 0,10$    |                       |                          |                                      |
|                                                                    |                                                                                                              |                       |                       |       |       |           |                    |                       |                          |                                      |
| 33.3                                                               | Saw frame                                                                                                    | 300                   | 500                   | 0,60  | 60    | 25        | 100                | 100                   | 50                       | Prevent stroboscopic effects.        |
| 33.4                                                               | Work at joiner's bench, gluing, assembly                                                                     | 300                   | 500                   | 0,60  | 80    | 25        | 100                | 100                   | 50                       |                                      |
| 33.5                                                               | Polishing, painting, fancy joinery                                                                           | 750                   | 1 000                 | 0,70  | 80    | 22        | 150                | 150                   | 100                      |                                      |
| 33.6                                                               | Work on wood working machines, e.g. turning, fluting, dressing, rebating, grooving, cutting, sawing, sinking | 500                   | 750                   | 0,60  | 80    | 19        | 150                | 150                   | 75                       | Prevent stroboscopic effects.        |
| 33.7                                                               | Selection of veneer woods                                                                                    | 750                   | 1 000                 | 0,70  | 90    | 22        | 150                | 150                   | 100                      | 4 000 K $\leq T_{cp}$ $\leq$ 6 500 K |
| 33.8                                                               | Marquetry, inlay work                                                                                        | 750                   | 1 000                 | 0,70  | 90    | 22        | 150                | 150                   | 100                      | 4 000 K $\leq T_{cp}$ $\leq$ 6 500 K |
| 33.9                                                               | Quality control, inspection                                                                                  | 1 000                 | 1 500                 | 0,70  | 90    | 19        | 150                | 150                   | 100                      | 4 000 K $\leq T_{cp}$ $\leq$ 6 500 K |
| <sup>a</sup> required: minimum value                               |                                                                                                              |                       |                       |       |       |           |                    |                       |                          |                                      |
| <sup>b</sup> modified: considers common context modifiers in 5.3.3 |                                                                                                              |                       |                       |       |       |           |                    |                       |                          |                                      |

Table 34 — Offices

| Ref. no. | Type of task/activity area                | $\bar{E}_m$ lx        |                       | $U_o$ | $R_a$ | $R_{UGL}$ | $\bar{E}_{m,z}$ lx | $\bar{E}_{m,wall}$ lx | $\bar{E}_{m,ceiling}$ lx | Specific requirements                                                                                                                                                                                                                                            |
|----------|-------------------------------------------|-----------------------|-----------------------|-------|-------|-----------|--------------------|-----------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |                                           | required <sup>a</sup> | modified <sup>b</sup> |       |       |           |                    |                       |                          |                                                                                                                                                                                                                                                                  |
| 34.1     | Filing, copying, etc.                     | 300                   | 500                   | 0,40  | 80    | 19        | 100                | 100                   | 75                       |                                                                                                                                                                                                                                                                  |
| 34.2     | Writing, typing, reading, data processing | 500                   | 1 000                 | 0,60  | 80    | 19        | 150                | 150                   | 100                      | DSE-work, see 5.9<br>Room brightness, see 6.7 and Annex B<br>Lighting should be controllable, see 6.2.4.<br>For smaller cellular offices the wall requirement applies to the front wall. For other walls a lower requirement of minimum 75 lx could be accepted. |
| 34.3     | Technical drawing                         | 750                   | 1 500                 | 0,70  | 80    | 16        | 150                | 150                   | 100                      | DSE-work, see 5.9<br>room brightness, see 6.7                                                                                                                                                                                                                    |
| 34.4     | CAD work stations                         | 500                   | 1 000                 | 0,60  | 80    | 19        | 150                | 150                   | 100                      | DSE-work, see 5.9.                                                                                                                                                                                                                                               |
| 34.5.1   | Conference and meeting rooms              | 500                   | 1 000                 | 0,60  | 80    | 19        | 150                | 150                   | 100                      | Lighting should be controllable, see 6.2.4.                                                                                                                                                                                                                      |
| 34.5.2   | Conference table                          | 500                   | 1 000                 | 0,60  | 80    | 19        | 150                | 150                   | 100                      | Lighting should be controllable, see 6.2.4.                                                                                                                                                                                                                      |
| 34.6     | Reception desk                            | 300                   | 750                   | 0,60  | 80    | 22        | 100                | 100                   | 75                       | If reception desk includes regular work station tasks these should be lit accordingly.                                                                                                                                                                           |
| 34.7     | Archiving                                 | 200                   | 300                   | 0,40  | 80    | 25        | 75                 | 75                    | 50                       |                                                                                                                                                                                                                                                                  |

<sup>a</sup> required: minimum value<sup>b</sup> modified: considers common context modifiers in 5.3.3

Table 35 — Retail premises

| Ref. no. | Type of task/activity area | $\bar{E}_m$ lx        |                       | $U_o$ | $R_a$ | $R_{UGL}$ | $\bar{E}_{m,z}$ lx | $\bar{E}_{m,wall}$ lx | $\bar{E}_{m,ceiling}$ lx | Specific requirements                                           |
|----------|----------------------------|-----------------------|-----------------------|-------|-------|-----------|--------------------|-----------------------|--------------------------|-----------------------------------------------------------------|
|          |                            | required <sup>a</sup> | modified <sup>b</sup> |       |       |           | $U_o \geq 0,10$    |                       |                          |                                                                 |
| 35.1     | General sales area         | 300                   | 750                   | 0,40  | 80    | 22        | 75                 | 75                    | 30                       | Ensure sufficient vertical illuminance on shelves.              |
| 35.2     | Till area                  | 500                   | 1 000                 | 0,60  | 80    | 19        | 100                | 75                    | 30                       |                                                                 |
| 35.3     | Wrapper table              | 500                   | 1 000                 | 0,60  | 80    | 22        | 100                | -                     | 50                       |                                                                 |
| 35.4     | Storage area               | 300                   | 500                   | 0,40  | 80    | 25        | 50                 | -                     | -                        |                                                                 |
| 35.5     | Dressing/fitting room      | 300                   | 500                   | 0,4   | 90    | -         | -                  | -                     | -                        | Consider vertical illuminance and modelling in front of mirror. |

<sup>a</sup> required: minimum value  
<sup>b</sup> modified: considers common context modifiers in 5.3.3

Table 36 — Places of public assembly – General areas

| Ref. no. | Type of task/activity area | $\bar{E}_m$ lx        |                       | $U_o$ | $R_a$ | $R_{UGL}$ | $\bar{E}_{m,z}$ lx | $\bar{E}_{m,wall}$ lx | $\bar{E}_{m,ceiling}$ lx | Specific requirements        |
|----------|----------------------------|-----------------------|-----------------------|-------|-------|-----------|--------------------|-----------------------|--------------------------|------------------------------|
|          |                            | required <sup>a</sup> | modified <sup>b</sup> |       |       |           | $U_o \geq 0,10$    |                       |                          |                              |
|          |                            |                       |                       |       |       |           |                    |                       |                          |                              |
| 36.1     | Entrance halls             | 100                   | 200                   | 0,40  | 80    | 22        | 50                 | 50                    | 30                       | $R_{UGL}$ only if applicable |
| 36.2     | Cloakrooms                 | 200                   | 300                   | 0,40  | 80    | 25        | 75                 | 75                    | 50                       |                              |
| 36.3     | Lounges                    | 200                   | 300                   | 0,40  | 80    | 22        | 75                 | 75                    | 50                       |                              |
| 36.4     | Ticket offices             | 300                   | 500                   | 0,60  | 80    | 22        | 75                 | 75                    | 50                       |                              |

<sup>a</sup> required: minimum value

<sup>b</sup> modified: considers common context modifiers in 5.3.3

Table 37 — Places of public assembly – Restaurants and hotels

| Ref. no.                                                                                                   | Type of task/activity area             | $\bar{E}_m$<br>lx     |                       | $U_o$ | $R_a$ | $R_{UGL}$ | $\bar{E}_{m,z}$<br>lx | $\bar{E}_{m,wall}$<br>lx | $\bar{E}_{m,ceiling}$<br>lx | Specific requirements                                                        |
|------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------|-----------------------|-------|-------|-----------|-----------------------|--------------------------|-----------------------------|------------------------------------------------------------------------------|
|                                                                                                            |                                        | required <sup>a</sup> | modified <sup>b</sup> |       |       |           |                       |                          |                             |                                                                              |
| 37.1                                                                                                       | Reception/cashier desk, porters desk   | 300                   | 500                   | 0,60  | 80    | 22        | 100                   | 100                      | 75                          |                                                                              |
| 37.2                                                                                                       | Kitchen                                | 500                   | 1 000                 | 0,60  | 80    | 22        | 100                   | 100                      | 75                          | There should be a transition zone between kitchen and restaurant.            |
| 37.3                                                                                                       | Restaurant, dining room, function room | -                     |                       | -     | 80    | -         | -                     | -                        | -                           | The lighting should be designed to create the appropriate atmosphere.        |
| 37.4                                                                                                       | Self-service restaurant                | 200                   | 300                   | 0,40  | 80    | 22        | 75                    | 75                       | 50                          |                                                                              |
| 37.5                                                                                                       | Buffet                                 | 300                   | 500                   | 0,60  | 80    | 22        | 75                    | 75                       | 50                          |                                                                              |
| 37.6                                                                                                       | Conference rooms                       | 500                   | 1 000                 | 0,60  | 80    | 19        | 150                   | 150                      | 100                         | Lighting should be controllable, see 6.2.4.<br>Room brightness, see 6.7      |
| 37.7                                                                                                       | Corridors                              | 100                   | 150                   | 0,40  | 80    | 25        | 50                    | 50                       | 30                          | During night-time lower levels are acceptable.<br>Illuminance on floor level |
| <sup>a</sup> required: minimum value<br><sup>b</sup> modified: considers common context modifiers in 5.3.3 |                                        |                       |                       |       |       |           |                       |                          |                             |                                                                              |

Table 38 — Places of public assembly – Theatres, concert halls, cinemas, places for entertainment

| Ref. no.                                                           | Type of task/activity area            | $\bar{E}_m$ lx        |                       | $U_o$ | $R_a$ | $R_{UGL}$ | $\bar{E}_{m,z}$ lx | $\bar{E}_{m,wall}$ lx | $\bar{E}_{m,ceiling}$ lx | Specific requirements                                                                                             |
|--------------------------------------------------------------------|---------------------------------------|-----------------------|-----------------------|-------|-------|-----------|--------------------|-----------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------|
|                                                                    |                                       | required <sup>a</sup> | modified <sup>b</sup> |       |       |           | $U_o \geq 0,10$    |                       |                          |                                                                                                                   |
| 38.1                                                               | Practice rooms                        | 300                   | 500                   | 0,60  | 80    | 22        | 100                | 100                   | 75                       |                                                                                                                   |
| 38.2                                                               | Dressing rooms                        | 300                   | 500                   | 0,60  | 90    | 22        | 100                | 100                   | 75                       | Lighting at mirrors for make-up shall be “glare-free”. Disability glare should be avoided at mirrors for make-up. |
| 38.3                                                               | Seating areas – maintenance, cleaning | 200                   | 500                   | 0,50  | 80    | 22        | 50                 | 50                    | 30                       | Illuminance at floor level.                                                                                       |
| 38.4                                                               | Stage area rigging                    | 300                   | 500                   | 0,40  | 80    | 25        | 75                 | 75                    | 30                       | Illuminance at floor level.                                                                                       |
| <sup>a</sup> required: minimum value                               |                                       |                       |                       |       |       |           |                    |                       |                          |                                                                                                                   |
| <sup>b</sup> modified: considers common context modifiers in 5.3.3 |                                       |                       |                       |       |       |           |                    |                       |                          |                                                                                                                   |

Table 39 — Places of public assembly – Trade fairs, exhibition halls

| Ref. no.                                                           | Type of task/activity area | $\bar{E}_m$ lx        |                       | $U_o$ | $R_a$ | $R_{UGL}$ | $\bar{E}_{m,z}$ lx | $\bar{E}_{m,wall}$ lx | $\bar{E}_{m,ceiling}$ lx | Specific requirements |
|--------------------------------------------------------------------|----------------------------|-----------------------|-----------------------|-------|-------|-----------|--------------------|-----------------------|--------------------------|-----------------------|
|                                                                    |                            | required <sup>a</sup> | modified <sup>b</sup> |       |       |           | $U_o \geq 0,10$    |                       |                          |                       |
|                                                                    |                            |                       |                       |       |       |           |                    |                       |                          |                       |
| 39.1                                                               | General lighting           | 300                   | 500                   | 0,40  | 80    | 22        | 50                 | 50                    | 30                       |                       |
| <sup>a</sup> required: minimum value                               |                            |                       |                       |       |       |           |                    |                       |                          |                       |
| <sup>b</sup> modified: considers common context modifiers in 5.3.3 |                            |                       |                       |       |       |           |                    |                       |                          |                       |

Table 40 — Places of public assembly – Museums

| Ref. no.                                                                                                   | Type of task/activity area     | $\bar{E}_m$ lx        |                       | $U_o$ | $R_a$ | $R_{UGL}$ | $\bar{E}_{m,z}$ lx | $\bar{E}_{m,wall}$ lx | $\bar{E}_{m,ceiling}$ lx | Specific requirements                                                                                            |
|------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------|-----------------------|-------|-------|-----------|--------------------|-----------------------|--------------------------|------------------------------------------------------------------------------------------------------------------|
|                                                                                                            |                                | required <sup>a</sup> | modified <sup>b</sup> |       |       |           | $U_o \geq 0,10$    |                       |                          |                                                                                                                  |
| 40.1                                                                                                       | Exhibits, insensitive to light | -                     | -                     | -     | 80    | -         | -                  | -                     | -                        | Lighting is determined by the display requirements.                                                              |
| 40.2                                                                                                       | Exhibits sensitive to light    | -                     | -                     | -     | 80    | -         | -                  | -                     | -                        | 1. Lighting is determined by the display requirements.<br>2. Protection against damaging radiation is paramount. |
| <sup>a</sup> required: minimum value<br><sup>b</sup> modified: considers common context modifiers in 5.3.3 |                                |                       |                       |       |       |           |                    |                       |                          |                                                                                                                  |



Table 41 — Places of public assembly – Libraries

| Ref. no. | Type of task/activity area | $\bar{E}_m$<br>lx     |                       | $U_o$ | $R_a$ | $R_{UGL}$ | $\bar{E}_{m,z}$<br>lx | $\bar{E}_{m,wall}$<br>lx | $\bar{E}_{m,ceiling}$<br>lx | Specific requirements                                                                                    |
|----------|----------------------------|-----------------------|-----------------------|-------|-------|-----------|-----------------------|--------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------|
|          |                            | required <sup>a</sup> | modified <sup>b</sup> |       |       |           | $U_o \geq 0,10$       |                          |                             |                                                                                                          |
|          |                            |                       |                       |       |       |           |                       |                          |                             |                                                                                                          |
| 41.1     | Bookshelves                | 200                   | 300                   | 0,40  | 80    | 19        | -                     | -                        | -                           | Vertical illuminance on shelves.<br>For dedicated bookshelf lighting the $R_{UGL}$ value does not apply. |
| 41.2     | Reading area               | 500                   | 750                   | 0,60  | 80    | 19        | 100                   | 100                      | 50                          | Pleasant atmosphere should be achieved                                                                   |
| 41.3     | Counters                   | 500                   | 750                   | 0,60  | 80    | 19        | 150                   | 150                      | 50                          |                                                                                                          |
| 41.4     | General lighting           | 300                   | 500                   | 0,40  | 80    | 22        | 75                    | 75                       | 50                          |                                                                                                          |

<sup>a</sup> required: minimum value  
<sup>b</sup> modified: considers common context modifiers in 5.3.3

Table 42 — Places of public assembly – Car parks (indoor)

| Ref. no. | Type of task/activity area               | $\bar{E}_m$<br>lx     |                       | $U_o$ | $R_a$ | $R_{UGL}$ | $\bar{E}_{m,z}$<br>lx | $\bar{E}_{m,wall}$<br>lx | $\bar{E}_{m,ceiling}$<br>lx | Specific requirements                                                                    |  |  |  |
|----------|------------------------------------------|-----------------------|-----------------------|-------|-------|-----------|-----------------------|--------------------------|-----------------------------|------------------------------------------------------------------------------------------|--|--|--|
|          |                                          | required <sup>a</sup> | modified <sup>b</sup> |       |       |           | $U_o \geq 0,10$       |                          |                             |                                                                                          |  |  |  |
|          |                                          |                       |                       |       |       |           |                       |                          |                             |                                                                                          |  |  |  |
| 42.1     | Entry/exit ramps (during daylight hours) | 300                   | 500                   | 0,40  | 40    | 25        | 75                    | 75                       | 50                          | 1. Illuminance level to extend 5 m into parking floor<br>2. Illuminances at floor level. |  |  |  |
| 42.2     | Entry/exit ramps (at night)              | 75                    | 100                   | 0,40  | 40    | 25        | 50                    | 50                       | 30                          | 1. Illuminances at floor level.                                                          |  |  |  |

| Ref. no.                                                           | Type of task/activity area                                                                | $\bar{E}_m$<br>lx     |                       | $U_o$ | $R_a$ | $R_{UGL}$ | $\bar{E}_{m,z}$<br>lx | $\bar{E}_{m,wall}$<br>lx | $\bar{E}_{m,ceiling}$ lx | Specific requirements                                                                                                                          |  |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------|-------|-----------|-----------------------|--------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                    |                                                                                           | required <sup>a</sup> | modified <sup>b</sup> |       |       |           | $U_o \geq 0,10$       |                          |                          |                                                                                                                                                |  |
|                                                                    |                                                                                           |                       |                       |       |       |           |                       |                          |                          |                                                                                                                                                |  |
| 42.3                                                               | Traffic lanes, internal ramps and pedestrian paths                                        | 75                    | 100                   | 0,40  | 40    | 25        | 50                    | 50                       | 30                       | 1. Illuminances at floor level.<br>2. A high vertical illuminance increases recognition of people's faces and therefore the feeling of safety. |  |
| 42.4                                                               | Parking areas – not open to public                                                        | 75                    | 100                   | 0,25  | 40    | -         | 50                    | 30                       | 15                       | 1. Illuminances at floor level.<br>2. A high vertical illuminance increases recognition of people's faces and therefore the feeling of safety. |  |
| 42.5                                                               | Parking areas – open to public with a large number of users e.g shopping centers, arenas. | 150                   | 200                   | 0,40  | 40    | -         | 50                    | 50                       | 15                       | 1. Illuminances at floor level.<br>2. A high vertical illuminance increases recognition of people's faces and therefore the feeling of safety. |  |
| 42.6                                                               | Ticket office                                                                             | 300                   | 500                   | 0,60  | 80    | 19        | 75                    | 75                       | 50                       | 1. Reflections in the windows shall be avoided.<br>2. Glare from outside shall be prevented.                                                   |  |
| <sup>a</sup> required: minimum value                               |                                                                                           |                       |                       |       |       |           |                       |                          |                          |                                                                                                                                                |  |
| <sup>b</sup> modified: considers common context modifiers in 5.3.3 |                                                                                           |                       |                       |       |       |           |                       |                          |                          |                                                                                                                                                |  |

Table 43 — Educational premises – Nursery school, play school

| Ref. no.                                                                                                   | Type of task/activity area | $\bar{E}_m$<br>lx     |                       | $U_o$ | $R_a$ | $R_{UGL}$ | $\bar{E}_{m,z}$<br>lx | $\bar{E}_{m,wall}$<br>lx | $\bar{E}_{m,ceiling}$<br>lx | Specific requirements                                                                        |
|------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------|-----------------------|-------|-------|-----------|-----------------------|--------------------------|-----------------------------|----------------------------------------------------------------------------------------------|
|                                                                                                            |                            | required <sup>a</sup> | modified <sup>b</sup> |       |       |           |                       |                          |                             |                                                                                              |
| 43.1                                                                                                       | Play room                  | 300                   | 500                   | 0,40  | 80    | 22        | 100                   | 100                      | 75                          | High luminances should be avoided in viewing directions from below by use of diffuse covers. |
| 43.2                                                                                                       | Nursery                    | 300                   | 500                   | 0,40  | 80    | 22        | 100                   | 100                      | 75                          | High luminances should be avoided in viewing directions from below by use of diffuse covers. |
| 43.3                                                                                                       | Handicraft room            | 300                   | 500                   | 0,60  | 80    | 19        | 100                   | 100                      | 75                          |                                                                                              |
| <sup>a</sup> required: minimum value<br><sup>b</sup> modified: considers common context modifiers in 5.3.3 |                            |                       |                       |       |       |           |                       |                          |                             |                                                                                              |